

IN-ABL-51



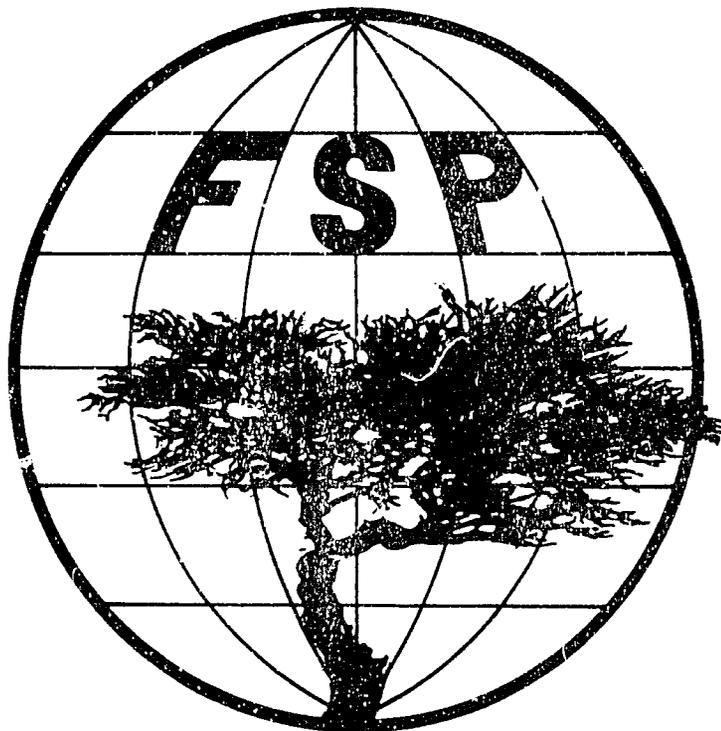
**United States  
Department of  
Agriculture**

Forest Service  
and  
Office of  
International  
Cooperation and  
Development

*Sponsored by the*  
United States  
Agency for  
International  
Development

# Profiles of U.S.A. Natural Resource Schools

## International Programs at National Association of Professional Forestry Schools and Colleges (NAPFSC) Member Institutions



A Report by the  
Forestry Support Program (FSP)  
1990

# Profiles of U.S.A. Natural Resource Schools

International Programs at National Association of Professional  
Forestry Schools and Colleges (NAPFSC) Institutions



**United States  
Department of  
Agriculture**

Forest Service



**United States  
Agency for  
International  
Development**



**United States  
Department of  
Agriculture**

Office of  
International  
Cooperation and  
Development



**National  
Association  
of Professional  
Forestry Schools  
and Colleges**

**Prepared by:**

**David Sutherland  
Anne Schlenker  
Jo Ellen Force**



**University of Idaho  
August 1990**

This report was prepared for the Forestry Support Program (FSP), which is managed jointly by the U.S. Department of Agriculture's Forest Service and Office of International Cooperation and Development (OICD), with funds provided by the U.S. Agency for International Development (USAID), Bureau for Science & Technology (S & T), through its Office of Forestry, Environment, and Natural Resources (FENR).

This work was done in cooperation with

The National Association of Professional Forestry Schools and Colleges

## TABLE OF CONTENTS

	<u>Page</u>
Introduction.....	iii
Arizona, University of .....	1
Arkansas, University of.....	6
Auburn University .....	8
California/Berkeley, University of .....	11
California Polytechnic Institute.....	16
Clemson University.....	19
Colorado State University.....	23
Connecticut, University of.....	28
Cornell University.....	31
Duke University.....	36
Florida, University of.....	40
Georgia, University of.....	43
Hawaii, University of.....	47
Humboldt State University.....	52
Idaho, University of.....	56
Illinois, University of.....	61
Iowa State University.....	65
Kansas State University.....	69
Kentucky, University of.....	71
Louisiana State University.....	75
Maine, University of.....	78
Michigan State University.....	82
Michigan, University of.....	88
Minnesota, University of.....	93
Mississippi State University.....	98
Missouri, University of.....	102
Montana, University of.....	106
New Hampshire, University of.....	110
New Mexico State University.....	114
North Carolina State University.....	117
Northern Arizona University.....	123
Oklahoma State University.....	127
Oregon State University.....	130
Pennsylvania State University.....	133
Purdue University.....	136
Southern Illinois University.....	139
State University of New York.....	142
Stephen F. Austin State University.....	147
Tennessee, University of.....	151
Texas A & M University.....	155
Utah State University.....	159
Vermont, University of.....	162
Virginia Polytechnic University.....	166
Washington State University.....	171
Washington, University of.....	175

West Virginia University .....	179
Wisconsin-Madison, University of .....	183
Wisconsin-Stevens Point, Univ. of .....	188
Yale University .....	193
 Appendix A: Abbreviations Used in Profiles .....	 201
 Appendix B: Tables & Cross Indices	
Institutions listed by degree programs.....	203
Institutions listed by specialty area .....	207
Faculty listed by language capability .....	215
Faculty listed by specialty area .....	219

## INTRODUCTION

This directory forms part of an on-going effort by the U.S. Agency for international Development (USAID) to bring the knowledge and experience of the U.S. professional forestry community to bear on international forestry development activities. The directory describes the educational, research and extension resources concerning international forestry that U.S. forestry schools have to offer U.S. and foreign students. The primary purpose of this material is to summarize the abundance of data into a condensed statement of forestry education available from U.S. forestry schools and colleges. The current (1990) volume represents an update of the Forestry Support Program's *Profiles of USA Forestry Schools* (1987) with some formatting and data reporting changes.

The data may be used to:

- \* Match the educational needs of students with appropriate institutions;
- \* Identify possible "twinning" arrangements between foreign and U.S. forestry schools;
- \* Serve as a reference in developing forestry education and training activities in project and program design;
- \* Assist foreign organizations in identifying institutions for collaboration and for training their personnel in the United States.

Profiles are provided for member institutions of the National Association of Professional Forestry Schools and Colleges (NAPFSC). Information contained in the profiles has been edited and summarized. However, additional information can be readily obtained by writing to the contacts supplied with each profile.

Information contained in each profile was collected by the University of Idaho during the fall of 1989 through a written survey of NAPFSC institutions. Prior to mailing the survey, a draft was reviewed and strengthened by NAPFSC contacts at several U.S. forestry schools, as well as AID mission personnel on five continents. Following review, the survey was sent to representatives at NAPFSC member institutions. Forty-nine out of sixty-three schools chose to respond to the survey. Information from these schools was synthesized in the form of draft profiles, which were then returned to the schools for review and correction (along with a copy of the University of Idaho's completed profile, to serve as an example). The corrected profiles were collated and published during the summer of 1990. Although the University of Idaho made every effort to assure the reliability of this information, accuracy was ultimately the responsibility of the surveyed institutions and their contact persons.

The USAID-funded Forestry Support Program (FSP) is available to assist AID field missions, regional bureaus, and regional offices in providing additional technical advice about forestry institutions, information which could not be included in these brief profiles. FSP provides a wealth of other technical and educational information relating to forestry and natural resources to USAID field project and Washington-based staff members, and to the U.S. Peace Corps.

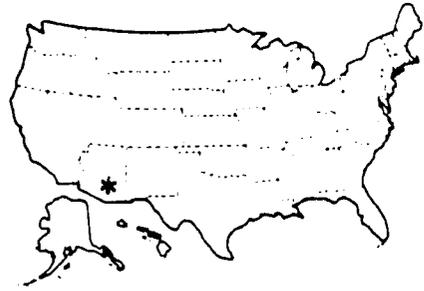
Please contact the Forestry Support Program for further information about our programs and services.

### By mail

Forestry Support Program  
International Forestry Staff  
USDA Forest Service  
P.O. Box 96090  
Washington, DC 20090-6090

### By pouch or cable

AID/S&T/FENR/FSP  
Rm. 503, SA-18  
  
Phone: (202) 453-9589  
Fax: (202) 453-3603  
Telex: 740 1043 FSPW



**UNIVERSITY OF ARIZONA**

**School of Renewable Natural Resources (SRNR)**

**Tucson, Arizona**

The School of Renewable Natural Resources has a long history of research and instruction related to dryland ecosystems and the utilization and management of dryland resources. Much of the watershed work in the U.S. was initiated by SRNR scientists. The development and utilization of water resources in dryland regions continues to be an emphasis of the school. Management and utilization of dryland ecosystems for growth of woody fuels and other wood products, grazing of domesticated animals and wildlife, and other appropriate uses of the land are also emphasized in the educational and research program.

**Specialty Areas at the University**

Within the School of Renewable Natural Resources

- Arid Zone Forestry
- Range Management, Livestock
- Urban Forest, Landscape Architecture
- Watershed Management
- Wildlife Management

Supporting disciplines available at the University

- Natural Resource Economics
- Hydrology
- Irrigation
- Remote Sensing, Photogrammetry
- Soil Science

**Degree Programs and Accreditation**

Bachelor of Science Programs

- Landscape Architecture (accredited by American Society of Landscape Architects, 1985)
- Range Management (accredited by Society for Range Management, 1986)
- Watershed Management
- Wildlife and Fisheries Science

Master of Science Programs (approx. 2 years)

- M.S. programs available in the same disciplines as the B.S., plus
- Renewable Natural Resource Studies

Both thesis and non-thesis options are available.

Doctor of Philosophy Programs

- Watershed Management
- Wildlife and Fisheries Science
- Range Management
- Renewable Natural Resource Studies

**Official Policy Toward Thesis Research in Home Country**

Thesis research in home country is permitted if the SRNR faculty feel it is relevant to qualify for the degree desired.

### International Courses and Workshops

Courses offered by the School which focus specifically on international resource issues, tropical studies, or other topics of interest to students from developing countries.

Course (C) Short Course (SC) or Workshop (W)	Undergrad, Graduate, or Mixed	Regular offering or by Demand	Credits	Times taught in the last five years	Range of Enrollment
Forestry in Arid Environments (C)	Mixed	Regular	4 cr	5	7-17
Develop & Mgmt of Water Res (C)	Mixed	Regular	6 cr	4	9-19
Aridland Forestry (C)	Graduate	Regular	3 cr	3	11-13
Agroforestry (C)	Graduate	Regular	3 cr	2	16-21
Fuelwood Mgmt (C)	Graduate	Regular	3 cr	2	12-22
Nursery and Plantations (C)	Graduate	Regular	3 cr	2	9-16
Water Mgmt in Dryland Ecos (C)	Graduate	Regular	3 cr	4	11-20
Watershed Hydrology (C)	Mixed	Regular	3 cr	5	13-24
Watershed Management (C)	Mixed	Regular	3 cr	5	20-26

### Requirements for Admission of Foreign Students

Minimum TOEFL score, Graduate and Undergraduate Students: 500

GRE scores are required, but no minimum score is suggested; the highest scoring students are considered. Biology subject test scores are required for Wildlife/Fisheries Science.

#### Other Requirements (eg. SAT scores):

SAT entering freshmen, 1010; ACT entering freshmen, 23. Transfer students with 12 or more units from an accredited college or university may be admitted with a 2.5 GPA.

### Description of Student Body (1989 Figures)

Discipline within School of RNR	Total No. of Students		No. of International students		No. of international students by geographical area				
	Grad	Undergr.	Grad	Undergr.	Latin America	Africa	Asia/ Pacific	Middle East	Other Countries
Watershed Mgmt	42	26	22	5	5	3	7	8	4
Range	12	15	5	3	1	5	-	2	-
Wildlife/Fish Sci.	30	68	6	-	2	-	2	2	-
Landscape Arch.	39	81	3	10	2	3	7	1	-
Renewable Nat. Res.	22	-	3	-	-	-	-	3	-

### Costs of Study and Funding Sources

Out-of-State Tuition/Fees: Graduate and Undergraduate, 12 or more units - \$6,484

International students must provide financial guarantee of \$13,500 per calendar year to cover all possible costs associated with their residence in the U.S.

There are no scholarships specifically for foreign students at University of Arizona.

### **Facilities and Services for Foreign Students**

- \* International Program Office
  - Coordinates and develops all international activities for the University, including research, teaching, and information transfer.
- \* Foreign Student Office
  - Integrates educational programs and student organizations.
- \* Formal international student orientation programs
- \* Formal English as a Second Language courses for credit, offered to enrolled students
- \* Intensive English language training capability
- \* Active international student organizations
- \* Information packets describing the university and surroundings are sent to incoming foreign students.

### **Setting and Important Facilities of School**

The University of Arizona is located in a semi-arid environment unique among the NAPFSC member institutions profiled in this directory. Many of our international students are drawn by a desire to work in similar conditions. Tucson is a relatively large community with a diverse ethnic population that allows international students to fit comfortably in the community. Numerous cultural opportunities exist, including museums, libraries, art galleries, plays and concerts, and athletic programs.

The university libraries include many special collections of value to international students. These include a special collection of documents related to dryland forestry and other arid land subjects, maps, international periodicals, references, and other scientific documents. Agricultural research stations provide a variety of arid land sites for field study and research projects, and the university has numerous laboratories and greenhouses for conducting educational programs and studies.

### **Formal/Informal Links with Foreign Institutions**

Faculty of SRNR have been involved in a continuing series of watershed and dryland forestry workshops and courses held on campus and in several other countries for more than ten years. These courses are sponsored by USAID, international institutions, and foreign universities.

The school has cooperative research agreements with universities and agencies in Jordan, Chile, Mexico, Philippines and other countries, and is developing a dryland forestry program at the University of Durango, Mexico.

### **Involvement in International Consortia**

CID (Consortium for International Development)  
Winrock Foundation, East-West Center

**Contacts at the University:**Contact who supplied informationOther Contacts

Malcom J. Zwolinski or  
Mary E. Soltero  
Graduate Coordinator--SRNR  
University of Arizona  
Tucson, AZ 85721  
Phone: 602-621-7260  
Fax: 602-621-7196  
Telex: 187167

Richard Hawkins  
Programs Leader  
Watershed  
University of Arizona  
Phone: 602-621-7273

Peter Ffolliott  
Professor, Watershed  
University of Arizona  
Phone: 602-621-7276

**Profile of Faculty**

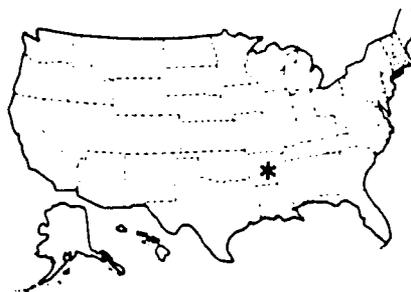
The School of Renewable Natural Resources employs 33 permanent appointment on-campus faculty. Of these, 8 have completed at least one cumulative year of professional foreign in-country experience.

Profiles of selected faculty members follow (See Appendix A for an explanation of abbreviations).

Name	Highest Degree and Year	Ranked Specialty Areas	Cumulative No. of Foreign Grad Students Advised To Degree Compl.	International In-country Experience Country, Time, Activity	Language Fluency 5 point scale
M. Fogel	Ph.D. 1968	HYDR, WASH IRRI, LAUS	40	Saudi Arabia 2Y INDY, 1Y NAT; Many Near East Countries 5M; Mexico 4M; Peru 2M; Philippines 2M; Many Asian Countries 1M; Nigeria 1M.	
P. Ffolliott	Ph.D. 1970	AGRO, ARID MENS, WASH	32	Many South American Countries 1.3Y; Many Asian Countries 9.5M; Many Middle Eastern Countries 1.5M; Italy 2M; Zimbabwe 1M AID; Niger 3W.	
L. Gay	Ph.D. 1966	HYDR, WASH IRRI	1	Australia 1.5Y STU; United Kingdom 6M; Italy 2M; Austria 2M; Poland 1M.	German 2.0
D. P. Guertin	Ph.D. 1984	WASH, HYDR SCON, FIRE	1	Mexico 1M CONS.	
R. Hawkins	Ph.D. 1968	HYDR, WASH SCON, LAUS	15	Iran 3M CONS; Yemen 1M; Pakistan 2W; Uruguay 2W; Dominica 1W.	French 2.0 German 2.0

J. O. Klemmedson	Ph.D. 1959	WASH, SOIL RANG	3	Switzerland 1Y RSCH; East Germany 2M; German 3.0 Italy 1M.
P. Krausman	Ph.D. 1976	ANIM, WLMG CBIO	0	India 6M RSCH; Poland 3M; Egypt 3M; French 3.0 Czechoslovakia 2M.
V. Lopes	Ph.D. 1987	HYDR, WASH ARID, COMP		Brazil COB. Portug. 5.0
W. W. Shaw	Ph.D. 1973	WLMG, CBIO ENVT, PARK	5	Australia 6M CONS; Argentina 6M; Spanish 3.5 Egypt 1M; Kuwait 1M; Zimbabwe 1M.
E. L. Smith	Ph.D. 1966	RANG, MENS NARS, ENVT	10	Brazil 4Y AID; Australia 1Y RSCH; Portug. 3.0 Ecuador 2M; Mexico 1M. Spanish 1.5

**UNIVERSITY OF ARKANSAS**  
**Department Forest Resources**  
**Monticello, Arkansas**



### Specialty Areas at the University

Within the  
Dept. Forest Resources

Forest Management  
 Hydrology  
 Integrated Pest Management  
 Regeneration  
 Silviculture

Supporting disciplines  
available at the University

Biology  
 Botany, Plant Science  
 Business Administration  
 International Affairs, Political Science  
 Computers, Data Processing

### Degree Programs and Accreditation

#### Bachelor of Science Programs

Forest Management (accredited by Society of American Foresters, 1983)  
 Wildlife and Fisheries

### International Courses and Workshops

Courses offered by the Department which focus specifically on international resource issues, tropical studies, or other topics of interest to students from developing countries.

Course (C) Short Course (SC) or Workshop (W)	Undergrad, Graduate, or Mixed	Regular offering or by Demand	Credits	Times taught in the last five years	Range of Enrollment
Forest Hydrology (C)	Mixed	Regular	3 cr	5	10-25

### Sr. Level Professional Programs / Integrated Course Studies

Forest Resource Management  
 Forest Administration  
 Forestry and Society

Forest Economics  
 Forest Policy  
 Forest Hydrology

### Description of Student Body (1989 Figures)

Discipline within Dept. of FR	Total No. of Students		No. of International students		No. of international students by geographical area				
	Grad	Undergr.	Grad	Undergr.	Latin America	Africa	Asia/ Pacific	Middle East	Other Countries
Forestry	0	72	-	-	-	-	-	-	-

### Costs of Study and Funding Sources

Out-of-State Tuition/Fees per Academic Year(1989 Figures): Undergraduates \$ 3,300

### Facilities and Services for Foreign Students

- \* Intensive English language training capability

### Setting and Important Facilities of School

The University of Arkansas is located in a town of 12,000, in the heart of the United States. The university has a student population of 2,000. Arkansas is surrounded by intensive forest management, which provides an opportunity for the student to learn a variety of management systems.

### Formal/Informal Links with Foreign Institutions

National Taiwan University  
Chung Hsing University of Taiwan

#### Contacts at the University:

##### Contact who supplied information

R. Scott Beasley, Department Head  
Department of Forest Resources  
University of Arkansas  
Monticello, AR 71655  
Phone: 501-460-1052  
Fax: 501-460-1092

##### Other Contacts

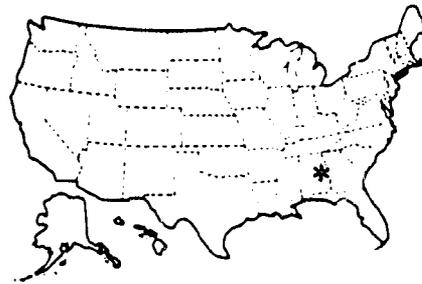
Dr. Jerry Brown  
Vice Chancellor  
of Academic Affairs  
University of Arkansas  
Phone: 501-460-1032

Ms. Jo Beth Johnston  
Students Affairs  
University of Arkansas  
Phone: 501-460-1026

### Profile of Faculty

The Department employs 12 permanent appointment on-campus faculty.  
Of these, 2 have completed at least one cumulative year of professional foreign in-country experience.

No additional faculty information was supplied.

**AUBURN UNIVERSITY****School of Forestry****Auburn, Alabama**

The School of Forestry at Auburn is involved in international forestry activity on a number of fronts. The largest concentration of faculty involvement is in the areas of forest regeneration, vegetation management, and nursery management. In these fields, Auburn has cooperative or other projects underway at the present time both in Haiti and India. Auburn has several faculty in forest management, nursery management, and forest pathology with experience in Latin America. In forest products, Auburn has active involvement at the present time in Taiwan and China. This involvement includes forest products marketing and international trade as well as forest products processing technology.

The School of Forestry has both extension and research programs in the area of forest engineering/forest harvesting which involve Scandinavian harvesting equipment and systems. This effort is expanding with the cooperation of both the Department of Agricultural Engineering and the U.S. Forest Service.

In addition to these major international program efforts, Auburn has a number of faculty who individually have developed contacts and cooperative work in Europe, Latin America, and Asia.

**Specialty Areas at the University**Within the  
School of Forestry

Harvesting  
Forest Management and Regeneration  
Nursery Management  
Lumber and Panel Products  
Silviculture  
Plant Physiology

Supporting disciplines  
available at the University

Agronomy  
Botany, Plant Science  
Engineering  
Soil Science  
Wildlife Management

**Degree Programs and Accreditation**Bachelor of Science Programs

Forest Management  
Forest Products

Forest Engineering

Master of Science Programs (approx. 2 years)

Forest Economics  
Silviculture  
Wood Chemistry  
Timber Harvesting  
Forest Nursery Management  
Forest Soils

Forest Measurements  
Forest Products Management  
Timber Engineering  
Tree Physiology  
Forest Pathology  
Forest Ecology

All options require a thesis.

Master of Forestry Programs (approx. 2 years)Doctor of Philosophy Programs (approx. 3 years)

Forest Economics  
 Forest Soils  
 Forest Pathology  
 Timber Harvesting  
 Wood Chemistry

Forest Biometrics  
 Forest Ecology  
 Tree Physiology  
 Timber Engineering  
 Forest Products Management

**Official Policy Toward Thesis Research in Home Country**

Thesis research in home country is encouraged.

**Requirements for Admission of Foreign Students**

Minimum TOEFL score, Graduate: 550

Minimum GRE scores: Verbal 450 Quant. 550

**Description of Student Body (1989 Figures)**

Discipline within School of Forestry	Total No. of Students		No. of International students		No. of International students by geographical area				
	Grad	Undergr.	Grad	Undergr.	Latin America	Africa	Asia/ Pacific	Middle East	Other Countries
Forestry	24	105	6	2	-	-	4	-	2

**Costs of Study and Funding Sources**

Out-of-State Tuition/Fees per Academic Year(1989 Figures): Graduate \$ 4,500 Undergraduate \$ 4,500

Funding sources for foreign students:

For study in the United States:

<u>Funding Source</u>	<u>No. Foreign Students Funded</u>
USAID	2
Universities	2
Foundations, PVOs	1

There are no scholarships specifically for foreign students available at Auburn University.

**International Opportunities for U.S. Students**

Auburn is a member of Organization for Tropical Studies, a consortium to provide leadership in education, research and the wise use of natural resources in the tropics. Graduate training and research facilities (at three major tropical habitats) are available.

### Facilities and Services for Foreign Students

- \* Office of International Student Affairs
  - Provides general counseling and support services
- \* Family English language training (continuing ed)--survival English classes, etc.
- \* Formal English as a Second Language courses for credit, offered to enrolled students
- \* Active international student organizations

### Setting and Important Facilities of School

Auburn University, in east central Alabama, is located in the piedmont region in the heart of a loblolly pine and mixed hardwood area.

Auburn/Opelika is a town of 50,000 with regional shopping and medical facilities, located 120 miles southwest of Atlanta and 100 miles south of Birmingham.

Forestry and forest-based industries are the largest industries in the state.

### Involvement in International Consortia

SECID (Southeast Consortium for International Development)

#### Contacts at the University:

##### Contact who supplied information

John Haygreen  
Associate Dean  
College of Forestry  
Auburn University  
Auburn, AL 36849-5418  
Phone: 205-844-1007  
Fax: 205-844-1084

##### Other Contacts

Emmett Thompson  
Dean  
College of Forestry  
Phone: 205-844-1007  
Fax: 205-844-1084

Walt Kelley, Director  
Forest Nursery Coop.  
College of Forestry  
Phone: 205-844-1007  
Fax: 205-844-1084

### Profile of Faculty

The College of Forestry employs 35 permanent appointment on-campus faculty.

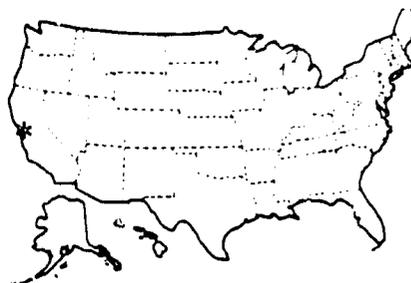
Of these, 6 have completed at least one cumulative year of professional foreign in-country experience.

No additional faculty information was supplied.

## UNIVERSITY OF CALIFORNIA-BERKELEY

College of Natural Resources  
Department of Forestry and Resource Management

Berkeley, California



### Specialty Areas at the University

#### Within the Department

Agroforestry  
Forest Economics  
Forest Management  
Range Management  
Wildlife Management

Hydrology  
Integrated Pest Management  
International Affairs, Political Science  
Forest Products, Wood Utilization  
Tree Improvement, Genetics

### Degree Programs and Accreditation

#### Bachelor of Science Programs

Forestry (accredited by the Society of American Foresters, 1986)  
Resource Management  
Forest Products

#### Master of Science Programs

Forest Management  
Wildlife Management  
Urban Forestry  
Remote Sensing  
Genetics and Tree Improvement  
Forest Economics  
Watershed/Hydrology  
Plantations  
Regeneration  
Ecophysiology  
Silviculture

Range Management  
Agroforestry  
Wood Science & Technology  
Mensuration/Biometrics  
Forest Policy  
Resource Sociology  
Fire Management  
Planning  
Ecology  
Fisheries and Aquatic Biology

All programs include both thesis and non-thesis options.

#### Master of Forestry Programs

Forest Management (requires a professional paper)

#### Doctor of Philosophy Programs

Offered in the same fields as the MS.

### Official Policy Toward Thesis Research in Home Country

Thesis research by students in their home countries is encouraged as long as the major professor can provide adequate guidance.

### International Courses and Workshops

Courses offered by the Department of Forestry and Resource Management which focus specifically on international resource issues, tropical studies, or other topics of interest to students from developing countries.

Course (C) Short Course (SC) or Workshop (W)	Undergrad, Graduate, or Mixed	Regular offering or by Demand	Credits	Times taught in the last five years	Range of Enrollment
Agroforestry (C)	Undergrad	Regular	3 cr	3	15-20
Sociology (C)	Graduate	Regular	3 cr	5	5-10
Conservation Biology (C)	Mixed	Regular	0 cr	4	30-40
Genetics/Tree Improvement (C)	Mixed	Regular	3 cr	5	5-10
Economics and Policy (C)	Mixed	Regular	3 cr	5	15-25
Forest Management (C)	Mixed	Regular	3 cr	5	15-20
Remote Sensing/Biometrics(C)	Mixed	Regular	3 cr	5	5-10
Wood Science (C)	Mixed	Regular	3 cr	5	5-10
Range Management (C)	Mixed	Regular	3 cr	5	5-10
Wildlife Management (C)	Mixed	Regular	3 cr	5	20-40

### Sr. Level Professional Programs / Integrated Course Studies

Several courses, both formal and independent, and group or individual, are taught in collaboration with other units such as Geography, Anthropology, Sociology, the Centers for Asian and Latin American Studies, Conservation and Resource Studies, and Education.

### Requirements for Admission of Foreign Students

Minimum TOEFL score, Graduate Students: 550 Undergraduates: 500

GRE scores are only required in cases where English is the official language of a foreign student's native country. There is no minimum score.

### Description of Student Body (1989 Figures)

Discipline within College	Total No. of Students		No. of international students		No. of international students by geographical area				
	Grad	Undergr.	Grad	Undergr.	Latin America	Africa	Asia/ Pacific	Middle East	Other Countries
Forestry	-	50	-	1	-	-	-	-	1
Wildland Resource Science	74	-	18	-	2	2	11	2	1
Range Management	4	-	1	-	1	-	-	-	-

### Costs of Study and Funding Sources

Out-of-State Tuition/Fees per Academic Year (1989 Figures): Graduate \$ 7,685 Undergraduate \$ 7,470

Funding sources for foreign students:

For study in the United States:

<u>Funding Source</u>	<u>No. Foreign Students Funded</u>	
USAID	1	
USDA / OICD	1	
FAO	1	No funding sources are available for overseas fieldwork.
Universities	8	
Foundations, PVOs	2	
Self-supported	3	
Fulbright	1	
Own Government	4	

There are no scholarships specifically for foreign students available at the university. However, out-of-state tuition is occasionally waived.

### International Opportunities for U.S. Students

The Centers for South and Southeast Asia Studies and Latin American studies provide assistance for travel and research for U.S. students. Berkeley also maintains programs for study abroad, which provide opportunities for undergraduates to study at numerous foreign universities.

### Facilities and Services for Foreign Students

- \* The UC-Berkeley campus maintains an Advisor to Foreign Students.
- \* Formal international student orientation programs
- \* Family English language training (continuing ed)--survival English classes, etc.
- \* Formal English as a Second Language courses for credit, offered to enrolled students
- \* Active international student organizations
- \* Information packets describing the university and surroundings are sent to incoming foreign students.

### Setting and Important Facilities of School

UC-Berkeley is located in the San Francisco Bay Area. It is readily accessible to other universities such as UC-Davis, UC-Santa Cruz, and Stanford University. San Francisco has corporate and agency offices, such as regional offices for the U.S. Forest Service, the U.S. National Park Service, and the U.S. Fish and Wildlife Service.

The University, with a student body of 31,000, offers 300 different degree programs. The campus is attractive, and the large number of international students facilitates the assimilation of foreign visitors. Berkeley has a long history as a lively, diverse, and politically active city. It supports a wide range of restaurants, theater, and cultural activities.

The Californian climate and vegetation varies from desert, oak forest, and farmland to alpine conditions, hence providing situations analogous to many foreign countries.

The university maintains Centers for Asian and Latin American Studies. In addition, the Department of Forestry and Resource Management includes an agroforestry library.

### Formal/Informal Links with Foreign Institutions

The department maintains an agreement with USAID and Winrock International which allows foresters from India to visit and observe education and research at U.S. forestry schools.

Faculty and graduate students have active relationships with several European countries and Chile, Mexico, Thailand, Sri Lanka, Brazil, and several African nations.

### Involvement in International Consortia

OTS (Organization for Tropical Studies)

Contacts at the University:		
<u>Contact who supplied information</u>	<u>Other Contacts</u>	
John A. Helms, Chair Dept. of Forestry/Resource Mgmt. College of Natural Resources 145 Mulford Hall U C Berkeley, CA 94720 Phone: 415-643-5438 Fax: 415-642-4612	Ms. Lois Frisch Student Services College of Natural Resources Phone: 415-642-6410	Ted Good Foreign Student Advisor International House U C Berkeley, CA Phone: 415-642-2818
	William Libby Graduate Advisor College of Natural Resources Phone: 415-642-0279	

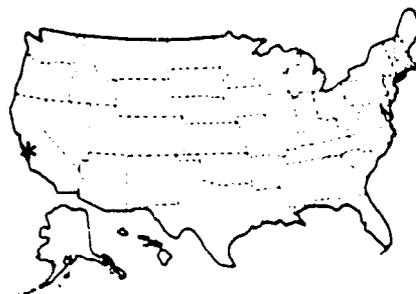
### Profile of Faculty

The College of Natural Resources employs 32 permanent appointment on-campus faculty. Of these, 19 have completed at least one cumulative year of professional foreign in-country experience.

Name	Highest Degree and Year	Ranked Specialty Areas	Cumulative No. of Foreign Grad Students Advised To Degree Compl.	International In-country Experience Country, Time, Activity	Language Fluency 5 point scale
J. Romm	Ph.D. 1970	POLY, RURL NECN, NARS	5	Extensive Asian exp., incl. Nepal, Thailand, Vietnam, Laos, Indonesia, Pakistan, Singapore, Philippines, Bangladesh. PC, USAID, FAO / UNDP.	Thai 3.0 Hindi 3.0 Nepali 3.0 Spanish 2.0
J. Helms	Ph.D. 1964	SILV, PHYS REGN, MGMT	15	Australia 27Y COB, RSCH; Sweden 3M; New Zealand, Costa Rica 2M ea; Honduras, W. Germany, Yugoslavia, United Kingdom 1M ea.	German 2.0

L. Davis	Ph.D. 1964	MGMT, NARS AGRO, FECN	10	Some exp. in Chile, Norway, Ireland, Philippines, China. No details supplied.	
L. Fortmann	Ph.D. 1973	RURL, SOCL POLY, AGRO	0	Tanzania 5Y INST, CON; Botswana 4Y RSCH; Kenya 9M.	Swahili 3.0 Setswana 1.5 German 3.0
R.H. Barrett	Ph.D. 1971	WLMG, CBIO PARK, NARS	4	Australia 4y NAT.	
R. Martin	Ph.D. 1963	FIRE, SILV	7	Spain 5M RSCH; W Germany 3M.	Spanish 3.0
D.R. McCullough	Ph.D. 1966	WLMG, CBIO Endg. Species ENVT	4	Australia 1.5Y RSCH; Thailand 4M; Mexico 2M.	
W. McKillop	Ph.D. 1965	FECN, MGMT MKTG, INTL	30	United Kingdom 24Y COB; Italy 3M; Norway, France 2M ea; Australia, New Zealand, Sweden, Turkey, China 1M ea.	French 3.5 Spanish 2.0
A. Schniewind	Ph.D. 1959	PROD	11	W. Germany 1Y EDUC; Japan 1.5Y EDUC; Australia 9M; Chile 2M.	German 5.0 Japanese 3.5 Spanish 2.5
A. Schultz	Ph.D. 1949	AGRO, Ethnobiology ENVT, ENED	7	Papua N. Guinea 3Y MIL; United Kingdom 2Y RSCH; Kenya 1Y UNDP, Greece 6M; India 4M; Czechosl. 2M.	
P. Zinke	Ph.D. 1957	SOIL, WASH REMS, HYDR	3	Thailand 6Y cuml. (over 25Y) RSCH,AID; Italy 3Y MIL, RSCH; Vietnam 8M; Brazil 8M; Mexico 3M; Zaire 2M.	Italian 3.0 Thai 2.0 German 2.0 French 2.0 Portugus. 2.0
L. Huntsinger	Ph.D. 1989	RANG, SOCL POLY, AGRO	0	Hong Kong 1Y STU; Thailand 6M; China 1M.	Mandarin 3.0
W. Libby	Ph.D. 1961	TRIM, AGRO	20	Some European countries; Australia and New Zealand.	

**CALIFORNIA POLYTECHNIC STATE UNIVERSITY**  
**Natural Resources Management Department (NRM)**  
**San Luis Obispo, California**



International studies at the NRM Department at Cal Poly is organized through the IAD Program in the School of Agriculture. Most of the international emphasis at NRM has been directed to the area of agroforestry. However, there is also a growing interest in the area of social forestry.

Most of the students who have completed this program are North Americans with Peace Corps experience. However, each year there are four or five foreign students who select one or two of the courses in the agroforestry sequence. A large number of North American school teachers have taken the international conservation course during the past few years.

### **Specialty Areas at the University**

<u>Within the Natural Resources Management Dept.</u>	<u>Supporting disciplines available at the University</u>
Wildfire Management	Agriculture
Forest Management	Agroforestry
Natural Resource Management	Extension
Urban Forestry	Social Forestry
Watershed Management	Soil Science

### **Degree Programs and Accreditation**

#### Bachelor of Science Programs

Forest Management (candidate status with Society of American Foresters, 1988)	Recreation Management
Hardwood, Fire Management & Watershed	Wildlife Management
Environmental Sciences	
Urban Forestry	

#### Master of Agriculture Programs (approx. 2 years)

International Agriculture Development	Agroforestry
---------------------------------------	--------------

Both options require a thesis.

### **Official Policy Toward Thesis Research in Home Country**

Thesis research in the home country is possible under special arrangement.

### **International Courses and Workshops**

Courses offered by the department which focus specifically on international resource issues, tropical studies, or other topics of interest to students from developing countries.

Course (C) Short Course (SC) or Workshop (W)	Undergrad, Graduate, or Mixed	Regular offering or by Demand	Credits	Times taught in the last five years	Range of Enrollment
Agroforestry (C)	Graduate	Regular	3 cr	5	5-15
Social Forestry (C)	Graduate	Regular	3 cr	4	5-10
International Conservation (C)	Graduate	Regular	3 cr	5	10-20

## Requirements for Admission of Foreign Students

Minimum TOEFL score, Graduate Students: 550

## Description of Student Body (1989 Figures)

Discipline within NRM Dept.	Total No. of Students		No. of International students		No. of international students by geographical area				
	Grad	Undergr.	Grad	Undergr.	Latin America	Africa	Asia/ Pacific	Middle East	Other Countries
Forestry	2	100	-	-	-	-	-	-	-
Environmental Sci.	-	90	-	-	-	-	-	-	-
Recreation	-	80	-	-	-	-	-	-	-
Wildlife	-	60	-	-	-	-	-	-	-

## Costs of Study and Funding Sources

Out-of-State Tuition/Fees per Academic Year(1989 Figures): Graduate/Undergraduate \$ 7,288.

There are no scholarships specifically for foreign students available at the university.

## Facilities and Services for Foreign Students

- \* International/Graduate Studies Coordinator, School of Agriculture
- \* Formal international student orientation programs
- \* Family English language training (continuing ed)--survival English classes, etc.
- \* Formal English as a Second Language courses for credit, offered to enrolled students
- \* Active international student organizations

## Setting and Important Facilities of School

California Polytechnic State University is located in San Luis Obispo, a town of 34,000, with mild weather and a central coast location. It is close to many state parks such as San Simeon/Hearst Castle. There is a large undergraduate enrollment in the School of Agriculture, with a strong emphasis on "learning-by-doing."

The university has a 3,000-acre ranch, north of Santa Cruz, available for student field work. There are also about 1000 acres available adjacent to the campus. The university also has an international reference section in the library, and a GIS lab.

## Formal/Informal Links with Foreign Institutions

The university holds a USAID contract to develop EARTH, a wet tropical school of agriculture in Costa Rica.

### Contacts at the University:

Contact who supplied information  
 Dr. Timothy G. OKeefe  
 NRM Department  
 California Polytechnic State University  
 San Luis Obispo, CA 93407  
 Phone: 805-756-2021

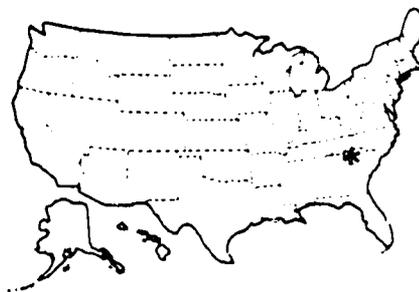
Other Contacts  
 Dr. Norm Pillsbury  
 NRM Department  
 Phone: 805-756-2702

**Profile of Faculty**

The NRM Department employs 6 permanent appointment on-campus faculty.  
Of these, 2 have completed at least one cumulative year of professional foreign in-country experience.

Profiles of selected faculty members follow (See Appendix A for an explanation of abbreviations).

Name	Highest Degree and Year	Ranked Specialty Areas	Cumulative No. of Foreign Grad Students Advised To Degree Compl.	International In-country Experience Country,Time,Activity	Language Fluency 5 point scale
T. OKeefe	Ph.D. 1977	AGRO, PROD EXTN, REMS	4	Ghana/Liberia 3Y FAO; Vietnam 1Y AID; Costa Rica/Honduras 6M; Ghana 2M; Haiti 2M.	Spanish 2.0



## CLEMSON UNIVERSITY

Department of Forest Resources

Clemson, South Carolina

At Clemson University, wood chemistry and related forest products programs are attracting numerous international graduate students. In 1989, the College of Forest and Recreation Resources established the Archibold Institute for Tropical Studies on the island of Dominica in the Caribbean. Along with six to ten other universities, Clemson has inflated a consortium to carry on teaching and research programs on this tropical island. The Director, Dr. Thomas Lacher, was recently hired to coordinate these programs. Areas of interest include forestry, wildlife, watershed management and recreation and tourism. Along with our link to the University of the West Indies, we hope to involve more students from the tropics in our programs, both on campus and on Dominica.

### Specialty Areas at the University

#### Within the Department of Forest Resources

Forest Management  
Integrated Pest Management  
Wood Chemistry  
Silviculture  
Wildlife Management

#### Supporting disciplines available at the University

Extension  
Hydrology  
Mapping  
Parks, Recreation and Tourism Management  
Plant Physiology

### Degree Programs and Accreditation

#### Bachelor of Science Programs

Forest Resource Management (accredited by the Society of American Foresters, 1962, 1981)  
Forest Products

#### Master of Science Programs (approx. 2 years)

Silviculture  
Wood Chemistry  
Wildlife Management  
Watershed Management/Hydrology  
Forest Soils/Site Classification

Forest Pathology  
Forest Products  
Tree Physiology  
Forest Ecology

All options require a thesis.

#### Master of Forestry Programs (approx. 2 years)

Silviculture  
Wood Chemistry  
Wildlife Management  
Watershed Mgmt./Hydrology  
Forest Soils/Site Classification

Forest Pathology  
Forest Products  
Tree Physiology  
Forest Ecology

No thesis requirement.

#### Doctor of Philosophy Programs (approx. 3 years)

Ph.D.s. are offered in the same programs as the M.S. level.

### Official Policy Toward Thesis Research in Home Country

Such research would be possible only under very special circumstances.

### Requirements for Admission of Foreign Students

Minimum TOEFL score, Graduate and Undergraduate Students: 550

Minimum GRE score: Total 1500

### Description of Student Body (1989 Figures)

Discipline within Department of FR	Total No. of Students		No. of International students		No. of International students by geographical area				
	Grad	Undergr.	Grad	Undergr.	Latin America	Africa	Asia/ Pacific	Middle East	Other Countries
Forest Resources	27	89	1	-	-	-	1	-	-
Forest Products	7	9	4	-	-	-	4	-	-

### Costs of Study and Funding Sources

Out-of-State Tuition/Fees per Academic Year(1989 Figures): Graduate \$ 3,363 Undergraduate \$ 5,130

Graduate students with assistantships pay in-state tuition of \$1,095 per year.

Funding sources for foreign students:

For study in the United States:

<u>Funding Source</u>	<u>No. Foreign Students Funded</u>
Universities	5

### International Opportunities for U. S. Students

Beijing College of Forestry, People's Republic of China  
Graduate Institute of Forestry, National Taiwan University  
University of West Indies, Barbados

### Facilities and Services for Foreign Students

- \* Office of International Programs and Services (OIPS).  
Dr. William Ward, International Programs Coordinator,  
Division of Agriculture and Natural Resources
- \* Formal international student orientation programs
- \* Formal English as a Second Language courses for credit, offered to enrolled students
- \* Intensive English language training capability
- \* Active International student organizations
- \* Information packets describing the university and surroundings are sent to incoming foreign students.

### Setting and Important Facilities of School

Clemson University is located in Clemson, South Carolina, which is within a two hour drive of Charlotte, North Carolina; Atlanta, Georgia; and the Blue Ridge Mountains. The Blue Ridge Mountains offer excellent cooperative research sites with industry and the U.S. Forest Service. The university maintains the 17,500 acre Clemson Experimental Forest which surrounds the campus. The university also has language laboratories and library collections.

### Formal/Informal Links with Foreign Institutions

Clemson University has a cooperative agreement to exchange students and faculty with Beijing College of Forestry, the Graduate Institute of Forestry, National Taiwan University, and the University of West Indies, Barbados. Students may conduct joint research and develop sources of funding with faculty at Clemson.

### Involvement in International Consortia

SECID (Southeast Consortium for International Development)  
Archibold Institute for Tropical Studies (Dominica, East Caribbean)

#### Contacts at the University:

<u>Contact who supplied Information</u>	<u>Other Contacts</u>
Dr. Michzel A. Taras, Head Department of Forest Resources Clemson University Clemson, SC 29634-1003 Phone: 803-656-3302	Dr. B. Allen Dunn, Graduate Coordinator Department of Forest Resources Phone: 803-656-4829  Dr. Thomas Wooten, Undergraduate Coordinator Department of Forest Resources Phone: 803-656-4860 Fax: 803-656-0231

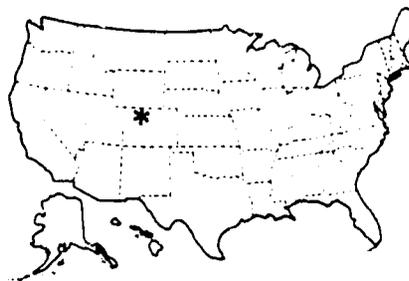
### Profile of Faculty

The Department of Forest Resources employs 29 permanent on-campus faculty. Of these, 3 have completed at least one cumulative year of professional foreign in-country experience.

Profiles of selected faculty members follow (See Appendix A for an explanation of abbreviations).

Name	Highest Degree and Year	Ranked Specialty Areas	Cumulative No. of Foreign Grad Students Advised To Degree Compl.	International In-country Experience Country,Time,Activity	Language Fluency 5 point scale
D. Hon	Ph.D. 1977	CHEM, PROD PULP, ENGN	4	Japan 1Y EDUC; China 2M; Brazil 2M; Malaysia 1M; Taiwan 2W.	Chinese 5.0 Malaysian 2.5 Japanese 3.5

A. Lee	Ph.D. 1978	PROD, SCND	3	China 2M UNDP; Thailand 2M.	Chinese 5.0
F. Tainter	Ph.D. 1970	PATH, AGRO IPMS, PROD	1	Chile 2Y PC; Chile 2M; Colombia 2W.	Spanish 3.0
J. Syme	Ph.D. 1951	BUSI, MKTG PROD, SCND	0	Philippines 2Y INDY; Colombia & Peru 2Y INDY; Nigeria 3M.	
L.R. Nelson	Ph.D. 1967	PEST, PHYS REGN.	0		
S. Nodine	Ph. D. 1978	MGMT, FECN NECN, COMP	0		
T. Straka	Ph.D. 1981	MGMT, FECN NARS, BUSI	0		
A. Marsinko	Ph.D. 1979	FECN, EDUC MGMT, COMP	0		



## COLORADO STATE UNIVERSITY

### College of Forestry and Natural Resources

#### Fort Collins, Colorado

The College of Forestry and Natural Resources is one of the oldest, largest, and most comprehensive forestry schools in the United States. The college is committed to international programs in education, research, and service in all its disciplines. Its faculty participate in research and technical assistance worldwide.

The Department of Forestry and Wood Science offers the International Forest and Natural Resource Management (IFRM) program, designed to provide graduate level education to students from all countries in basic and applied aspects of dry woodland and semi-tropical natural resources management. Students in this program focus on appropriate multi-disciplinary methods for management and utilization of resources. Factors unique to dryland and tropical forests are addressed in contexts of long-term sustainability of resources and economic development via product utilization. Opportunities vary from short-term, non-degree training to Ph.D. options.

#### Specialty Areas at the University

##### Within the College of Forestry and Natural Resources

Environment, Ecology  
Parks, Wildlands Management  
Range Management  
Wildlife Management

##### Supporting disciplines available at the University

Arid Zone Forestry  
Computers, Data Processing  
Forest Products, Wood Utilization  
Remote Sensing  
Watershed Management

#### Degree Programs and Accreditation

##### Bachelor of Science Programs

Forestry (accredited by the Society of American Foresters, 1985)	
Recreation Resources (accredited by the National Recreation and Parks Association, 1985)	
Landscape Architecture (accredited by the American Society of Landscape Architects, 1989)	
Range Ecology	Forest-Range Management
Watershed	Geology
Wildlife Biology	Fishery Biology
Natural Resource Management	Wood Science

##### Master of Science Programs

Forest and Wood Sciences	Recreation Resources
Watershed Sciences	Landscape Architecture
Wildlife and Fishery Biology	Geology
Range Science	

All programs require either a thesis or professional paper.

##### Master of Forestry Programs

Forest Management (with various emphases)

### Doctor of Philosophy Programs\*

Ph.D.s are offered in the same disciplines as the Master of Science degree.

\* Both the MS and Ph.D. programs offer a wide variety of emphases within the "discipline." For example, a Ph.D. in forest and wood sciences may specialize in fire ecology.

### **Official Policy Toward Thesis Research in Home Country**

There is no limitation on research conducted in home countries. However, students must defend their theses before their graduate committee, which usually requires a return to the university.

### **International Courses and Workshops**

Courses offered by the College of Forestry and Natural Resources which focus specifically on international resource issues, tropical studies, or other topics of interest to students from developing countries.

Course (C) Short Course (SC) or Workshop (W)	Undergrad, Graduate, or Mixed	Regular offering or by Demand	Credits	Times taught in the last five years	Range of Enrollment
Ecol. & Mgmt. of Dry Forests (C)	Mixed	Regular	2 cr	2 (new)	10-15
Tropical Forests: Ecol & Mgmt (C)	Mixed	Regular	2 cr	2 (new)	10-15
Agroforestry (C)	Mixed	Regular	3 cr	2 (new)	10-15
World Fishery Resources (C)	Mixed	Regular	3 cr		5-10
World Wildlife Resources (C)	Mixed	Regular	3 cr		5-10
World Grassland Ecogeogrph. (C)	Mixed	Regular	3 cr	5	5-10
Int'l Tourism & Recreation (C)	Mixed	Regular	3 cr	5	10-20
Int'l Nat. Res. Administr. (C)	Mixed	Regular	3 cr	2 (new)	6-15
World Natural Resources (C)	Mixed	Regular	3 cr	5	7-10
Conserv Bio / Extinction of Spp (C)	Mixed	Regular	3 cr	1 (new)	30-70

### **Sr. Level Professional Programs / Integrated Course Studies**

Public Relations in Natural Resources: Effective public relations and public information programs applicable to natural resource professions.

Natural Resource Sampling: Designs, techniques, problems in sampling natural resource populations; analysis and interpretation of data.

Forest Economics: Economic concepts and theories relating to forest resource use; analytical method for evaluating alternative uses of public and private forests.

Decision Making in Forest Res. Mgmt: Operations research applied to forest resource allocation; includes gaming and spatial analysis.

Geographic Information Systems: Basic concepts of spatial data handling and computerized map assistance in natural resources planning.

Natural Resource Policy and Admin: Principles applicable to natural resource organizations.

Land Use Planning (4 courses): Integrated natural resource, social, institutional factors in regional resource planning.

Methods of Landscape Analysis: Theory and methods of landscape analysis and evaluation for land use planning and natural resource management.

Integrated Resource Mgmt: Seniors in management teams develop plans for specific parts of a forest resource, utilizing computerized decision making aids.

### Requirements for Admission of Foreign Students

Minimum TOEFL score, Graduate Students: 550 Undergraduates: 525

GRE scores are not required for the admission of foreign students.

The university also requires a Letter of Financial Guarantee from a student's sponsors assuring that costs of living can be met.

### Description of Student Body (1989 Figures)

Discipline within the College	Total No. of Students		No. of International students		No. of international students by geographical area				
	Grad	Undergr.	Grad	Undergr.	Latin America	Africa	Asia/ Pacific	Middle East	Other Countries
Forestry, Wood Sci.	49	183	17	1	6	2	4	4	2
Range Science	42	44	21	-	4	8	4	5	-
Fish/Wildlife Bio.	52	303	10	1	5	5	-	-	1
Earth Resources	67	63	5	1	1	4	-	-	1
Rec. Resources & Landscape Arch.	37	251	4	-	-	3	-	-	1

### Costs of Study and Funding Sources

Out-of-State Tuition/Fees per Academic Year(1989 Figures): Graduate \$ 6,350 Undergraduate \$ 6,108

Funding sources for foreign students:

#### For study in the United States:

#### For fieldwork overseas:

<u>Funding Source</u>	<u>No. Foreign Students Funded</u>	<u>Funding Source</u>	<u>No. Foreign Students Funded</u>
USAID	5	USAID	2
U.S. Gov't (not USAID)	4	U.S. Gov't (not USAID)	2
FAO	1	Universities	4
Universities	22	Foundations, PVOs	2
Foundations, PVOs	4	Other	5
Self-supported	3		
Other	18		

There are no scholarships specifically for foreign students available at Colorado State University.

### International Opportunities for U.S. Students

Joint CSU / Peace Corps Fellows Program in Forestry and Natural Resources (for US Citizens only) allows MS research in countries with active Peace Corps programs.

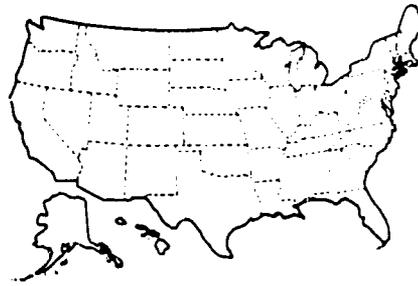
Formal study abroad agreements exist between CSU and many foreign universities, and credits earned abroad are generally transferable.



## Profile of Faculty

The College of Forestry and Natural Resources employs 78 permanent appointment on-campus faculty. Of these, 12 have completed at least one cumulative year of professional foreign in-country experience.

Name	Highest Degree and Year	Ranked Specialty Areas	Cumulative No. of Foreign Grad Students Advised To Degree Compl.	International In-country Experience Country, Time, Activity	Language Fluency 5 point scale
M.R. Flores	Ph.D.	MENS, AGRO SOCL.	2	Honduras COB; work with FAO in Costa Rica, Mozambique, Italy, Thailand.	Spanish 5.0 English 4.0 French 3.0 Italian 3.0 Portug. 2.0
R. Cook	Ph.D. 1966	WLMG, POLY EDUC, PATH	15		
R.L. Sanford	Ph.D.	AGRO, ENVT NATR, BDIV	8	RSCH in Costa Rica 2Y; Venezuela 1.5 Y; Brazil 6W.	Spanish 4.0 Portug. 3.0
G. Wallace	Ph.D.	ENVT, COOP WASH	25	AID in Costa Rica, Panama, Honduras, Nicaragua.	Spanish 4.0 Guari Guari 3.0 French 2.0
R. Hoffer	Ph.D.	REMS, LAUS	25	AID in Brazil 4M, Bolivia 3M, Thailand 2M, China.	
D. Binkley	Ph.D.	ENVT, CHEM SOIL, PHYS	13		
G. Decker	MS	WLMG, COMM EDUC, P&ARK	13	Kenya 6M FAO.	
J. Wyant	Ph.D.	AGRO, ARID ENVT, NARS	5	Kenya 5M RSCH.	
J. Ellis	Ph.D.	SOCL, ENVT	10	RSCH in Kenya 4.5 Y, Saudi Arabia 2M, Tanzania 1M.	Tarkana 2.0
L. Rittenhouse	Ph.D.	ENVT, AGRN AGRO	12	Morocco 1Y EDUC; Zimbabwe 2M.	French 2.0



## UNIVERSITY OF CONNECTICUT

### Department of Natural Resources Management & Engineering (NRME)

Storrs, Connecticut

#### Specialty Areas within the NRME

Coastal Resources, Wetlands  
Forest Management  
Fresh Water Fisheries  
Natural Resource Management

Remote Sensing, Photogrammetry  
Social Forestry  
Watershed Management

#### Degree Programs and Accreditation

##### Bachelor of Science Programs

Natural Resources Management and Engineering (with options in Water, Forestry, Wildlife, Fisheries, Soil and Water Management)

##### Master of Science Programs (approx. 2 years)

M. S.'s are offered in the same disciplines as the B. S.

Both thesis or non-thesis options are available.

##### Doctor of Philosophy Programs (approx. 4 years)

Options are offered in conjunction with Civil Engineering or Plant & Soil Science, in Watershed, Micrometeorology, and Fisheries.

#### Official Policy Toward Thesis Research in Home Country

There is no stated policy which prohibits such research. The responsibility and approval rests with a student's graduate studies committee.

#### International Courses and Workshops

Courses offered by the Department which focus specifically on international resource issues, tropical studies, or other topics of interest to students from developing countries.

Course (C) Short Course (SC) or Workshop (W)	Undergrad, Graduate, or Mixed	Regular offering or by Demand	Credits	Times taught in the last five years	Range of Enrollment
Watershed Management (C)	Mixed	Regular	3 cr	4	3-12
Principles of Natural Resources (C)	Mixed	Regular	3 cr	3	5-15

#### Requirements for Admission of Foreign Students

Minimum TOEFL score, Graduate Students: 550

GRE scores are preferred, but are not specifically required for the admission of foreign students.

### Description of Student Body (1989 Figures)

Discipline within Dept. of NRME	Total No. of Students		No. of International students		No. of international students by geographical area				
	Grad	Undergr.	Grad	Undergr.	Latin America	Africa	Asia/ Pacific	Middle East	Other Countries
Natural Resources	12	50	4	-	1	-	3	-	-

### Costs of Study and Funding Sources

Out-of-State Tuition/Fees per Academic Year (1989 Figures): Graduate \$6,120 Undergraduate \$5820

Funding sources for foreign students:

#### For study in the United States:

<u>Funding Source</u>	<u>No. Foreign Students Funded</u>
Fulbright	1
Research Assist. (UCONN)	3

### Facilities and Services for Foreign Students

- \* Office of International Student Affairs (Mal Bochner 203-486-3622)
  - For externally funded students, this office provides room and board arrangements and other types of assistance. For all foreign students it provides orientation sessions and operates an international house to provide social and special language skill opportunities.
- \* Formal international student orientation programs
- \* Family English language training (continuing ed)--survival English classes, etc.
- \* Active international student organizations

### Setting and Important Facilities of School

The University of Connecticut is located in a rural setting with adjacent farm and forest lands. Nearby metropolitan areas include Hartford, Boston and New York City which are easily accessible by car, bus, train and plane. In the last 300 years, the Storrs area has gone from essentially 100% woodland to 75% agriculture, and is once again approaching 65% woodland.

The University of Connecticut maintains large library resources which include special government collections and on-line random access memory search capabilities as well as special archival collections regarding agriculture and other industry development and Judaic history. Other facilities at the university include large main frame and terminal capabilities and rooms equipped with hard wire compatibility to various large computers.

### Formal/Informal Links with Foreign Institutions

Involvement by faculty with UNDP, FAO and USAID in special short-term consultancies in developing nations.

### Involvement in International Consortia

OTS (Organization for Tropical Studies)  
NECID (Northeast Council for International Development)

**Contacts at the University:**Contact who supplied information

Hugo H. John  
NRME-CANR  
1376 Storrs Rd. U-87  
University of Connecticut  
Storrs, CN 06269-4087  
Phone: 203-486-2840  
Fax: 203-486-4182

Other Contacts

David B. Schroder  
Department Head  
NRME-CANR  
Phone: 203-486-2840

Boris Bravo-Ureta  
Associate Professor  
AERS-CANR  
Phone: 203-486-1923

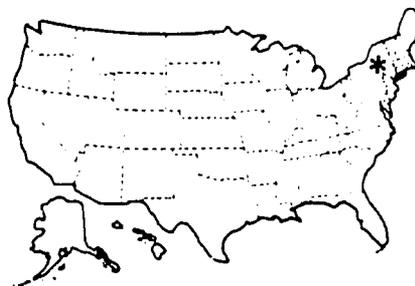
**Profile of Faculty**

The Department employs 10 permanent appointment on-campus faculty.

Of these, 2 have completed at least one cumulative year of professional foreign in-country experience.

Profiles of selected faculty members follow (See Appendix A for an explanation of abbreviations).

Name	Highest Degree and Year	Ranked Specialty Areas	Cumulative No. of Foreign Grad Students Advised To Degree Compl.	International In-country Experience Country, Time, Activity	Language Fluency 5 point scale
B. Bravo-Ureta	Ph.D. 1980	AGRI, FECN NECN, RURL	3	China 2Y RSCH; Morocco 1M.	Spanish 5.0 English 4.0
H. John	Ph.D. 1964	AGRO, POLY EDUC, NATR	6	Colombia 2Y FAO; Nicaragua 1Y FAO; Many Countries 4M; Guatemala 3M; Haiti 1M; Vietnam 1M; Hungary 1M.	Spanish 2.0
W. R. Whitworth	Ph.D. 1963	FISH, ENVT CBIO, NATR	0	Bulgaria 9M RSCH; Bulgaria 4M.	Bulgarian 2.0
D. L. Civco	Ph.D. 1987	REMS, LAUS NARS, MAPP	0	Brazil 2Y RSCH.	French 2.5 Spanish 2.0
R. Craig	Ph.D. 1981	BDIV, WLMG NARS, BIOL	0	Sippan/Mariana Islands 3M RSCH.	German 2.0
D. Miller	Ph.D. 1971	AGRO, HYDR WIND, Forest Meteorology	0	Thailand 1M World Meteorological Organization.	



## **CORNELL UNIVERSITY**

**College of Agriculture and Life Sciences (ALS)**

**Ithaca, New York**

### **Specialty Areas at the University**

Within the  
College of Agriculture and Life Sciences

Agriculture  
Communication, Public Relations  
Environment, Ecology  
Marketing, Trade, Coops  
Natural Resource Management

Supporting disciplines  
available at the University

Agroforestry  
Fresh Water Fisheries  
Remote Sensing, Photogrammetry  
Soil Science  
Wildlife Management

### **Degree Programs and Accreditation**

#### Bachelor of Science Programs

Wildlife Science  
Forest Science  
Natural Resources  
Agricultural Economics

Rural Sociology  
Fisheries Science  
Agronomy

#### Master of Science Programs (approx. 2 years)

Natural Resources  
Agricultural Economics  
Ecology and Evolutionary Biology

Agronomy  
Development Sociology

All options require a thesis.

#### Master of Professional Studies (approx 1-2 years)

Natural Resources  
Agronomy  
Rural Sociology

International Agriculture and Rural Development  
Agricultural Economics

#### Doctor of Philosophy Programs (approx. 4 years)

Options are the same as those offered for the M.S.

### **Official Policy Toward Thesis Research in Home Country**

Thesis research in a student's home country is fully encouraged and supported, based on the availability of adequate supervision in the field.

### **Sr. Level Professional Programs / Integrated Course Studies**

Options include:

M.P.S. and Graduate minor in International Agriculture and Rural Development  
Graduate minor in Conservation and Sustainable Development  
Senior seminars on natural resource issues

### International Courses and Workshops

Courses offered by the College of ALS which focus specifically on international resource issues, tropical studies, or other topics of interest to students from developing countries.

Course (C) Short Course (SC) or Workshop (W)	Undergrad, Graduate, or Mixed	Regular offering or by Demand	Credits	Times taught in the last five years	Range of Enrollment
Agroforestry (C)	Graduate	Regular	2 cr	4	30-50
International Issues (C)	Mixed	Regular	3 cr	5	30
Agricultural Tropical America (C)	Mixed	Regular	2 cr	3	30-45
Agriculture in Developing Nations (C)	Mixed	Regular	3 cr	4	16-36
Farming Systems Research (C)	Mixed	Regular	3 cr	2	14-20
Economics of Agricultural Develop. (C)	Mixed	Regular	3 cr	5	7-26
Production of Tropical Crops (C)	Mixed	Regular	3 cr	4	5-48
Geog-Appraisal of Tropical Soils (C)	Mixed	Regular	3 cr	5	11-17
Tropical Livestock Production (C)	Mixed	Regular	3 cr	5	24-45
Tropical Forages (C)	Mixed	Regular	2 cr	3	16-17
Food, Agriculture & Society (C)	Mixed	Regular	3 cr	4	10-21

### Requirements for Admission of Foreign Students

Minimum TOEFL score, Graduate and Undergraduate Students: 550

GRE scores are not required for the admission of foreign students.

### Description of Student Body (1989 Figures)

Discipline within College of ALS	Total No. of Students		No. of International students		No. of international students by geographical area				
	Grad	Undergr.	Grad	Undergr.	Latin America	Africa	Asia/ Pacific	Middle East	Other Countries
Natural Resources	60	180	6	6	2	1	6	2	1

### Costs of Study and Funding Sources

Non-resident Tuition/Fees per Academic Year(1989 Figures): Graduate \$ 6,460 Undergraduate \$ 10,040

Funding sources for foreign students:

#### For study in the United States:

<u>Funding Source</u>	<u>No. Foreign Students Funded</u>
USAID	2
U.S. Gov't (not USAID)	2
Universities	2
Self-supported	6

#### For fieldwork overseas:

<u>Funding Source</u>	<u>No. Foreign Students Funded</u>
USAID	2
Foundations, PVOs	2
Self-supported	2

Sponsoring Organizations (Provide logistical support for students in the U.S.):

<u>Organization</u>	<u>No. Supported</u>
USDA/OICD	2

There are no scholarships specifically for foreign students available at Cornell University.

### **Facilities and Services for Foreign Students**

- \* Office of International Students and Scholars  
(Contact: Jerry Wilcox, Director)
- \* International Agriculture Program  
-- Assists AID/FAO participants; develops and manages short-term training program.  
Contact: Jim Haldeman, Training Officer.
- \* Formal international student orientation programs
- \* Family English language training (continuing ed)--survival English classes, etc.
- \* Formal English as a Second Language courses for credit, offered to enrolled students
- \* Intensive English language training capability
- \* Active international student organizations
- \* Information packets describing the university and surroundings are sent to incoming foreign students.

### **Setting and Important Facilities of School**

Cornell is the largest, most comprehensive school in the Ivy League and land grant universities for New York, comprising nine privately endowed and four state-supported colleges. The campus is situated on a hillside at the southern tip of Cayuga Lake, the longest of the fingerlakes of central New York state. The central campus is bordered on two sides by magnificent gorges and overlooks nearby Ithaca, a small but cosmopolitan community of 29,000 people. The Cornell Plantation, 3,000 acres of woodlands, trails, streams, and gorges, is a living museum of natural resources.

Facilities available at Cornell include the Center for Analysis of World Food Issues Library Collection, which contains development-oriented literature; and the New York State Agriculture Experiment Station, which has excellent field and lab facilities. Cornell also maintains the Mann Library, the second largest agricultural library in the U.S. (after USDA/Beltsville).

### **Formal/Informal Links with Foreign Institutions**

ICREF, Egerton

### **Involvement in International Consortia**

OTS (Organization for Tropical Studies)  
CID (Consortium for International Development, through project involvement only)  
NECID (Northeast Council for International Development)

**Contacts at the University:**Contact who supplied information

Larry W. Zuidema  
350 Caldwell Hall  
International Agriculture  
Cornell University  
Ithaca, New York 14853  
Phone: 607-255-2298  
Fax: 607-255-2812  
Telex: WUI 6713054

Other Contact's

James P. Lassoie  
118 Fernow Hall  
Dept. of Natural Resources  
Phone: 607-255-3037  
Fax: 607-255-0788  
Telex: 559020 INTAG CORNELL

Ray T. Oglesby  
8C Fernow Hall  
Dept. of Natural Resources  
Phone: 607-255-2823  
Fax: 607-255-2812

**Profile of Faculty**

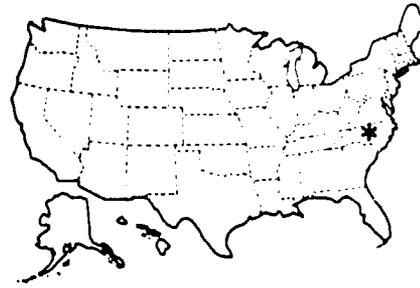
The College of ALS employs 430 permanent appointment on-campus faculty. Of these, 80 have completed at least one cumulative year of professional foreign in-country experience.

Profiles of selected faculty members follow (See Appendix A for an explanation of abbreviations).

Name	Highest Degree and Year	Ranked Specialty Areas	Cumulative No. of Foreign Grad Students Advised To Degree Compl.	International In-country Experience Country,Time,Activity	Language Fluency 5 point scale
R.A. Baer, Jr.	Ph.D. 1965	LAUS, POLY	1	W Germany 1Y EDUC; Addtl short trips to Sweden, Denmark, Egypt, India, Malaysia, Thailand.	German 3.5
D.J. Decker	Ph.D. 1986	EXTN, WLMG CBIO	0		
T.J. Fahey	Ph.D. 1979	ENVT, NATR	0		
J.P. Lassoie	Ph.D. 1975	AGRO, PHYS NARS, SOCL	2	India 3M AID; Africa 1M; Austria 1M; Dominican Republic 1M.	
B.D. Lynch	Ph.D. 1988	SOCL	0	Ecuador, Peru, Niger, Chile, Haiti; no details supplied.	French 3.5 Spanish 3.5 Italian 3.0

---

R.J. McNeil	Ph.D. 1963	PARK, WLMG	5	Venezuela 1.5Y INST; New Zealand 1Y EDUC; Kenya 6M.	
<hr/>					
D.G. Sisler	Ph.D. 1962	EECN, NECN	21	Many African and Asian Countries, Nepal, Malawi, Indonesia, Botswana; no details supplied.	
<hr/>					
H.D. Thurston	Ph.D. 1958	PATH, IPMS AGRI	10	Many European, Asian, and African Countries; no details supplied.	Spanish 3.5
<hr/>					
A.R. Van Wambeke	Ph.D. 1958	SCON, AGRO NARS, LAUS	0	Africa 10Y RSCH; Colombia 3Y RSCH; Chile 2Y RSCH; Nepal 3M; Philippines 2M; Malaysia 3M; Thailand 3M.	
<hr/>					
B.T. Wilkins	Ph.D. 1986	MARI, COAS FISH	0		
<hr/>					



## DUKE UNIVERSITY

School of Forestry and  
Environmental Studies (F & ES)

Durham, North Carolina

### Specialty Areas at the University

#### Within the School of F & ES

Natural Resource Economics  
Environment, Ecology  
Forest Management  
Hydrology  
Natural Resource Management

#### Supporting disciplines available at the University

Biological Diversity  
Coastal Resources, Wetlands  
Conservation Biology  
International Affairs, Political Science  
Land Use Planning, Environment Assessment

### Degree Programs and Accreditation

#### Master of Science Programs (approx. 2 years)

Natural resource science/ecology; natural resource system science; natural resource economics/policy

All options require a thesis.

#### Master of Arts Programs (approx. 2 years)

Disciplines same as those for M.S.; also M.A. in Public Policy Sciences concurrent with either M.F. or M.E.M. (2.5 years)  
Concurrent M.A. (S.F.E.S.) and J.D. in School of Law

All options are non-thesis programs.

#### Master of Forestry Programs (approx. 2 years)

Forest Resource Management (accredited by Society of American Foresters, 1987)  
Concurrent M.F./ M.E.M. and M.B.A. (Fuqua School of Business)

A Master's project is required.

#### Master of Environmental Management (MEM)(approx 2 years)

Natural Resource Ecology	Air and Water Resources
Resource Economics/Policy	Ecotoxicology

A Master's project is required.

#### Doctor of Philosophy Programs (approx 4 years)

Disciplines offered are the same as those offered for M.S./M.A.

### Official Policy Toward Thesis Research in Home Country

Thesis research in home country is contingent upon approval of the research proposal by a student's supervisory committee.

## Requirements for Admission of Foreign Students

Minimum TOEFL score, Graduate Students: 550  
 Minimum GRE scores: Verbal 440 Quant. 660 (Raw scores)

## International Courses and Workshops

Courses or workshops offered by the School which focus specifically on international resource issues, tropical studies, or other topics of interest to students from developing countries.

Course (C) Short Course (SC) or Workshop (W)	Undergrad, Graduate, or Mixed	Regular offering or by Demand	Credits	Times taught in the last five years	Range of Enrollment
Int'l Environmental Problems (C)	Graduate	Regular	3 cr	3	20-40
Sem. Conserv. Syst. Dev. (C)	Graduate	Regular	1 cr	1	80
Tropical Ecology (C)	Graduate	Regular		new	
Conservation Biology (C)	Graduate	Regular		new	

## Sr. Level Professional Programs / Integrated Course Studies

A concentration in international environmental management is offered to students completing specified courses (generally 12 units) in international studies within the resource economics and policy program. These courses must be taken in addition to all other resource economics and policy requirements. Proposals are being prepared for international concentrations in forestry and in resource ecology.

## Description of Student Body (1989 Figures)

Discipline within School of F & ES	Total No. of Students		No. of International students		No. of international students by geographical area				
	Grad	Undergr.	Grad	Undergr.	Latin America	Africa	Asia/ Pacific	Middle East	Other Countries
MF	15	-	0	-	-	-	-	-	-
MEM	110	-	5	-	1		4	-	-
MS/Ph.D.	37	-	8	-	-	2	6	-	-

## Costs of Study and Funding Sources

Out-of-State Tuition/Fees per Academic Year(1990 Figures): Graduate \$ 9,434  
 Professional Degree \$ 9,000

Funding sources for foreign students:

### For study in the United States:

<u>Funding Source</u>	<u>No. Foreign Students Funded</u>
Universities	
(Duke, partial funding)	9
Self-supported	3
Fulbright	1

The James B. Duke International Studies Fellowships are available to international students.

### Facilities and Services for Foreign Students

- \* International House
  - Provides advisory services to foreign students
- \* Formal international student orientation prog. ams
- \* Formal English as a Second Language courses for credit, offered to enrolled students
- \* Intensive English language training capability
- \* Active international student organizations
- \* Information packets describing the university and surroundings are sent to incoming foreign students.

### Formal/Informal Links with Foreign Institutions

Joint program with NCSU (Raleigh) in conservation and sustainable development (initial support from and continuation proposal to Pew Charitable Trusts).

Model conservation and development project with Dept. of Water and Forests in Madagascar CAMCORE cooperative (with NCSU) to promote gene conservation of coniferous species in Mexico and Central America

### Setting and Important Facilities of School

Duke is located in Durham, a city of 152,000 in a metropolitan area of 250,000, midway between the Atlantic Ocean and the Appalachian Mountains. The climate is such that outdoor recreation is possible all year, and the cultural life of the community is well developed. The University is situated on wooded hills that constitute part of the 8,300-acre Duke Forest.

Duke University libraries combined contain over 3,000,000 volumes with annual increment of 150,000; the Biology/Forestry Library contains 125,000 volumes and 900 periodicals. Duke has many excellent facilities for research, among them:

- Duke Forest, with 8,300 acres, adjoins the campus and is dedicated to teaching and research;
- Research Triangle Park (RTP), just ten miles from campus, encompasses many industrial and governmental research facilities, including the National Environmental Research Center (EPA) and the National Institute for Environmental Health Science. RTP is central to three universities - Duke, NCSU at Raleigh, and UNC-CH. All have a reciprocal agreement for graduate course availability and credit.
- Center for International Development Research
- Center for Resource and Environmental Policy Research
- Duke Primate Center and Duke Phytotron
- Cocha Cashu Biological Station in Peru, La Selva Field Station in Costa Rica
- Center for Tropical Conservation

#### Contacts at the University:

##### Contact who supplied information

Dr. William Stambaugh  
 Assoc. Dean, Academic Programs  
 School of Forestry and Env. Studies  
 Duke University  
 Durham, NC 27706  
 Phone: 919-684-2619  
 Telefax: 919-684-3200

##### Other Contacts

Dr. Robert Healy, Director  
 Center for Env. & Resource  
 Policy Research  
 Same Address  
 Phone: 919-684-6090

### International Opportunities for US Students

Duke University hosts the U.S. office of the Organization for Tropical Studies. Graduate students use OTS courses delivered in Costa Rica. Attendance requires additional funding.

### Involvement in International Consortia

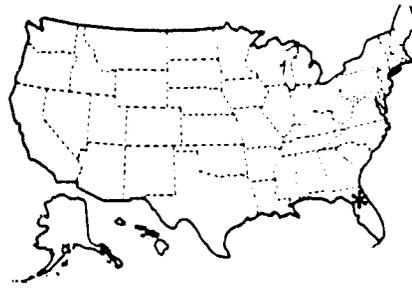
OTS (Organization for Tropical Studies). U.S. headquarters located at Duke University.  
SECID (Southeast Consortium for International Development)

### Profile of Faculty

The School of Forestry and Environmental Studies employs 15 permanent appointment on-campus faculty. Of these, 3 have completed at least one cumulative year of professional foreign in-country experience.

Profiles of selected faculty members follow (See Appendix A for an explanation of abbreviations).

Name	Highest Degree and Year	Ranked Specialty Areas	Cumulative No. of Foreign Grad Students Advised To Degree Compl.	International In-country Experience Country, Time, Activity	Language Fluency 5 point scale
R. Healy	Ph.D. 1972	LAUS, POLY NECN	4	Mexico 2M RSCH; Latin America 6M; Europe 2M.	Spanish 3.0
R. Kramer	Ph.D. 1980	NECN, EECN AGRI, COAS	2	Mali 2Y PC; Senegal 3M; Many Near East Countries 2M; Sri Lanka 1M; China 1M; India 1M; Costa Rica 1M.	
L. Maquire	Ph.D. 1980	CBIO, BDIV WLMG	1	Australia 1W CONS.	German 2.0
R. Oren	Ph.D. 1984	ARID, PHYS REGN, SILV	4	Israel COB, 1Y RSCH; W. Germany 2.5Y INST/RSCH.	Hebrew 5.0
P. Parks	Ph.D. 1986	EECN, NECN FECN, NARS	0		Spanish 2.0
D. D. Richter	Ph.D. 1980	FIRE, SOIL WASH	5	Costa Rica 2M.	
J. Terborgh	Ph.D. 1963	BDIV, BIOL CBIO, WLMG		Many South & Central American Countries 4Y RSCH; Papua New Guinea 3M.	



## UNIVERSITY OF FLORIDA

### School of Forest Resources and Conservation

#### Gainesville, Florida

The School of Forest Resources and Conservation provides quality educational opportunities for students from tropical countries, through its departments of Forestry, Wildlife and Range Sciences, and Fisheries and Aquaculture, and its Program for Studies in Tropical Conservation. The near-tropical environment and proximity to tropical countries in Latin America and the Caribbean make the university an excellent location for tropical studies.

The Program for Studies in Tropical Conservation provides multi-disciplinary graduate-level training for managers and scientists from tropical countries, stressing integrated approaches to sustainable development and natural resource management. International students may also work closely with the university's Centers for African and Latin American Studies.

Through its Institute of Food and Agricultural Sciences (IFAS), the school provides an excellent interdisciplinary training program in agroforestry, and supports current field studies in Brazil, Costa Rica, Kenya, Haiti, and Zambia. Florida is a leader in research on silvopastoral systems involving pines and pasture lands.

#### Specialty Areas at the University

##### Within the School of Forest Resources

Agroforestry  
Forest Management  
Fresh Water Fisheries  
Natural Resource Mgmt.  
Wildlife Management

##### Supporting disciplines available at the University

Zoology  
Natural Resource Economics  
Pest Management  
Agriculture  
Water Resource

#### Degree Programs and Accreditation

##### Bachelor of Science Programs

Forestry (accredited by the Society of American Foresters, 1987)  
Resource Conservation                      Wildlife Ecology

##### Master of Science Programs

Forestry    Wildlife Ecology  
Fisheries and Aquaculture                      Natural Resources  
All are thesis programs.

##### Master of Forestry Programs

Forestry    Natural Resources  
All are non-thesis programs.

##### Doctor of Philosophy Programs

Forestry    Wildlife Ecology  
Fisheries and Aquaculture                      Natural Resources

#### Official Policy Toward Thesis Research in Home Country

Research in a student's home country is allowed.

## International Courses and Workshops

Courses offered by the School of Forest Resources and Conservation which focus specifically on international resource issues, tropical studies, or other topics of interest to students from developing countries.

Course (C) Short Course (SC) or Workshop (W)	Undergrad, Graduate, or Mixed	Regular offering or by Demand	Credits	Times taught in the last five years	Range of Enrollment
Agroforestry (C)	Mixed	Regular	3 cr	3	8-25
Tropical Forestry (C)	Graduate	Regular	3 cr	2	6-15
Conservation Biology (C)	Graduate	Regular	3 cr	2	6-15
Agroforestry Symposium (C)	Graduate	Demand	0 cr	1	
Agrofor. Extens./Train (SC) (5 weeks, variable cost)	Mixed	Periodic	0 cr	1	10-50

## Sr. Level Professional Programs / Integrated Course Studies

Students enrolled in the Program for Studies in Tropical Conservation may draw on the expertise of faculty within the departments of wildlife, zoology, forestry, botany, and anthropology to design their study program; additional courses are offered in economics, political science, planning, and geography.

## Requirements for Admission of Foreign Students

Minimum TOEFL score, Graduate and Undergraduate Students: 550

Minimum GRE scores: Verbal 500 Quant. 500

## Description of Student Body (1989 Figures)

Discipline within School of FRC	Total No. of Students		No. of International students		No. of international students by geographical area				
	Grad	Undergr.	Grad	Undergr.	Latin America	Africa	Asia/ Pacific	Middle East	Other Countries
Forestry	38	33	12	1	3	2	6	1	1
Wildlife	80	64	22	2	19	-	3	-	2
Fisheries	17	-	-	-	-	-	-	-	-
Resource Conserv.	-	29	-	3	2	-	1	-	-

## Costs of Study and Funding Sources

Out-of-State Tuition/Fees per Academic Year(1990 Figures): Graduate \$ 5,729 Undergraduate \$ 4,633

Some scholarships exist which are specifically for foreign students from contracts and grants. Those interested are invited to inquire.

## International Opportunities for U.S. Students

Organization for Tropical Studies (OTS): Graduate students use OTS courses delivered in Costa Rica. Attendance requires additional funding.

### Facilities and Services for Foreign Students

- \* The University of Florida maintains an Office of International Programs and an Office of International Agricultural Programs.
- \* Intensive English language training capability
- \* Active international student organizations
- \* Information packets describing the university and surroundings are sent to incoming foreign students.

### Setting and Important Facilities of School

The University of Florida in Gainesville (150,000 inhabitants) is located in a sub-tropical environment which boasts diverse flora, fauna, and agricultural practices. The university, with about 35,000 students, offers more disciplines on one campus than any other school in the country (along with Ohio State and University of Minnesota).

The Program for Studies in Tropical Conservation is based at the University of Florida. The Program provides graduate level training for managers and researchers from tropical countries, stressing a multi-disciplinary approach to conservation and sustainable resource use. The University maintains both a Center for African Studies and a Center for Latin American Studies.

### Formal/Informal Links with Foreign Institutions

A cooperative program with USAID and the Winrock Foundation allows foresters from India to visit U.S. forestry schools to observe education and research.

The School of Forest Resources and Conservation maintains agreements with a number of governments or institutions such as Cameroon and Puerto Rico.

Possibilities exist for placing graduate students of agroforestry on international field research sites such as CATIE (Costa Rica) and ICRAF (Kenya).

### Involvement in International Consortia

OTS (Organization of Tropical Studies).

SECID (Southeast Consortium for International Development).

The University is a member of the American Association of Universities (AAU).

#### Contacts at the University:

##### Contact who supplied information

Arnett C. Mace, Jr., Director  
School of Forest Resources  
and Conservation  
University of Florida  
Gainesville, FL 32611  
Phone: 904-329-1791  
Fax: 904-392-1707  
Telex: 568757 UF INTL

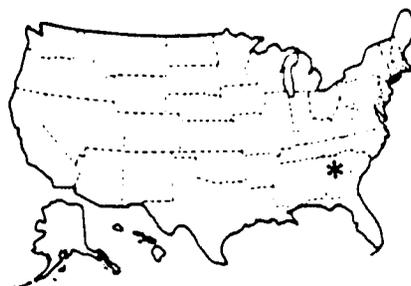
##### Other Contacts

C.P. Reid  
Dept. of Forestry  
University of Florida  
Phone: 904-392-1850

Michael Collopy  
Dept. of Wildlife & Range  
University of Florida  
Phone: 904-392-4851

### Profile of Faculty

The employs 45 permanent appointment on-campus faculty. Of these, 10 have completed at least one cumulative year of professional foreign in-country experience. No additional faculty information was supplied.



## UNIVERSITY OF GEORGIA

### School of Forest Resources

Athens, Georgia

#### Specialty Areas at the University

##### Within the School of Forest Resources

Forest Management  
Plant Physiology  
Plantation Management  
Silviculture  
Wildlife Management

##### Supporting disciplines available at the University

Business Administration  
Horticulture  
Plant Pathology  
Remote Sensing, Photogrammetry  
Soil Science

#### Degree Programs and Accreditation

##### Bachelor of Science Programs

Forest Management  
Watershed Management (Hydrology)  
Fisheries  
Forest Business

Policy and Administration  
Wildlife  
Forest Biology  
Forest Soils

(B.S. program accredited by the Society of American Foresters, 1981)

##### Master of Science Programs (2 years, thesis)

Forest Biology, Silviculture, Soils  
Forest Biometrics & Management  
Forest Economics & Administration

Forest Water Resources  
Wildlife & Fisheries  
Wood Science & Technology

(M.S. program accredited by the Society of American Foresters, 1981)

##### Master of Forestry Resources Programs (2 years, non-thesis)

MFR programs exist in the same disciplines as the M.S., plus  
Forest Business Management (accredited by the Society of American Foresters, 1981).

##### Doctor of Philosophy Programs (4 years):

Ph. D. programs exist in the same disciplines as M.S. programs.

#### International Courses and Workshops

Courses offered by the School of Forest Resources and Conservation which focus specifically on international resource issues, tropical studies, or other topics of interest to students from developing countries.

Course (C) Short Course (SC) or Workshop (W)	Undergrad, Graduate, or Mixed	Regular offering or by Demand	Credits	Times taught in the last five years	Range of Enrollment
Forest Mensuration (C)	Mixed	Regular	4 cr	10	20
Tropical Forestry (C)	Mixed	Regular	4 cr	10	20

### Official Policy Toward Thesis Research in Home Country

Presently there is no policy regarding home country research. Approval will be granted on an ad hoc basis.

### Sr. Level Professional Programs / Integrated Course Studies

All courses in the school may be relevant to students from developing countries. The school does not distinguish between forestry principles in developing countries and those in developed countries.

### Requirements for Admission of Foreign Students

Minimum TOEFL score, Graduate and Undergraduate Students: 550

Minimum Combined GRE scores: Master's 1000 Doctorate 1200

Equivalent G.P.A. for undergraduate admission: 2.5 on a 4.0 scale

Equivalent G.P.A. for graduate admission: 3.0 on a 4.0 scale

### Description of Student Body (1989 Figures)

Discipline within School of FR	Total No. of Students		No. of International students		No. of international students by geographical area				
	Grad	Undergr.	Grad	Undergr.	Latin America	Africa	Asia/ Pacific	Middle East	Other Countries
Forest Resources	90	80	8	1	-	2	5	-	2

### Costs of Study and Funding Sources

Out-of-State Tuition/Fees per Academic Year (1989 Figures): Graduate \$ 6,780 Undergraduate \$ 7,932

There are no scholarships specifically for foreign students available at the University of Georgia.

### International Opportunities for U.S. Students

The University of Georgia is affiliated with the Organization for Tropical Studies (OTS). Graduate students may enroll in OTS courses, which are presented in Costa Rica. Attendance requires additional funding.

### Facilities and Services for Foreign Students

- \* The University of Georgia maintains both an International Development Office and a Foreign Student Office.
- \* International Forestry Coordinator  
(Contact Dr. G. H. Brister)
- \* Formal international student orientation programs
- \* Formal English as a Second Language courses for credit, offered to enrolled students
- \* Active international student organizations
- \* Information packets describing the university and surroundings are sent to incoming foreign students.

**Formal/Informal Links with Foreign Institutions**

Forest Department, Sri Lanka  
 World Bank - Forest Advisor  
 Land Development Authority, Israel  
 Federal Rural University, Pernambuco, Brazil  
 San Paulo State University, Botucatu, Brazil

**Involvement in International Consortia**

OTS (Organization for Tropical Studies)  
 SECID (Southeast Consortium for International Development)

**Contacts at the University:**

<u>Contact who supplied information</u>	<u>Other Contacts</u>	
G. H. Brister School of Forest Resources University of Georgia Athens, GA 30602 Phone: 404-542-7587 Fax: 404-542-8356 Telex: 41-4190	Darl Snyder Office of Int'l Development University of Georgia Phone: 404-542-7889 Fax: 404-542-7891 Telex: 41-4190	Louis Boyd College of Agriculture University of Georgia Phone: 404-542-3390 Fax: 404-542-1899 Telex: 41-4190

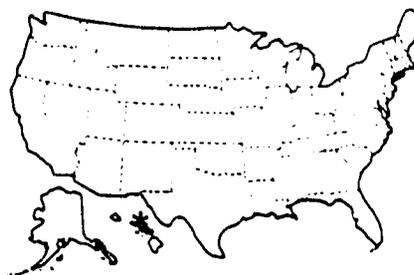
**Profile of Faculty**

The School of Forest Resources employs 39 permanent appointment on-campus faculty. Of these, 10 have completed at least one cumulative year of professional foreign in-country experience.

Profiles of selected faculty members follow (See Appendix A for an explanation of abbreviations).

Name	Highest Degree and Year	Ranked Specialty Areas	Cumulative No. of Foreign Grad Students Advised To Degree Compl.	International In-country Experience Country, Time, Activity	Language Fluency 5 point scale
G. H. Brister	Ph.D. 1972	MENS, MGMT PLNT, COMP	3	Kenya 8Y; Malaysia 2Y; Many European Countries 1Y; Costa Rica 4M; Many Asian Countries 3M; Many African Countries 2M.	French 3.0
D. Newman	Ph.D. 1986	FECN, NECN EECN, POLY	1	Colombia 2Y PC; Sweden 2M; Belize 1M; Guyana 1M.	Spanish 3.5
W. Nutter	Ph.D. 1968	HYDR, WASH	6	Sri Lanka 1Y AID.	Spanish 1.5

R. L. Marchinton	Ph.D. 1968	WLMG, BIOL CBIO	0	Suriname 2M RSCH; Costa Rica 1M; Australia 1M.	
L. Peinaar	Ph.D. 1965	MENS, PLNT	2	South Africa 27Y COB.	Afrikaans 5.0 Dutch 3.0 German 2.0
G. Grossman	Ph.D. 1979	ENVT, FISH MARI, WASH	0	Spain 8M BIL; Many European Countries 4M (over a period of 6 years)	Spanish 3.5
B. Shiver	Ph.D. 1984	MGMT, MENS PLNT, REGN	0	Kenya 11M Fulbright Lecturer; Burkina Faso 1W.	
B. Bongarten	Ph.D. 1978	TRIM, ENER REGN, PHYS	0	Sri Lanka 1M AID; Hungary 1M.	
K. Steinbeck	Ph.D. 1965	AGRO, NURS REGN, SILV	3	Sri Lanka 3M; Phillippines 2M.	German 5.0



## UNIVERSITY OF HAWAII

### College of Tropical Agriculture and Human Resources (CTAHR)

Honolulu, Hawaii

#### Specialty Areas at the CTAHR

Soil Conservation  
Agronomy  
Natural Resource Economics  
Entomology

Agroforestry  
Horticulture  
Farming Systems Research and Extension  
Biological Nitrogen Fixation

#### Degree Programs and Accreditation

##### Bachelor of Science Programs

Agronomy and Soil Science (with options in Agronomy, Crops, or Soil Science)	Fashion Designing
Agricultural and Resource Economics	Fashion Merchandising
Mechanical Agricultural Production	Animal Technology
Animal Science	General Agriculture
Entomology	Horticultural Technology
Horticultural Science	Food Science / Human Nutrition
Family Resources	

##### Master of Science Programs

Agricultural and Resource Economics	Horticultural Science
Agronomy and Soil Science	Botanical Sciences
Agricultural Engineering	Animal Sciences
Entomology	Nutritional Science

Both thesis and non-thesis options are offered in disciplines.

##### Doctor of Philosophy Programs

Agricultural and Resource Economics	Horticultural Science
Agronomy and Soil Science	Entomology

The Ph.D. in Botanical Science is awarded to students in Plant Pathology and Molecular Plant Physiology.

#### Official Policy Toward Thesis Research in Home Country

Generally, MS level students are required to conduct their research in Hawaii or are given permission by their committees to use data collected from previous research in their home country. Ph.D. candidates on a case-by-case basis may be allowed to conduct their dissertation research in their home country provided adequate academic supervision is available.

### Sr. Level Professional Programs / Integrated Course Studies

Farming Systems Research and Development (Agronomy 470/Ag & Resource Econ. 470) is an interdisciplinary, team-taught course that presents methodology as an integrative tool for extension and participatory on-farm research focused on farm families. The teaching team includes a soil scientist, an agricultural economist, and ecological psychologist and an anthropologist.

### International Courses and Workshops

Courses offered by the CTAHR which focus specifically on international resource issues, tropical studies, or other topics of interest to students from developing countries.

Course (C) Short Course (SC) or Workshop (W)	Undergrad, Graduate, or Mixed	Regular offering or by Demand	Credits	Times taught in the last five years	Range of Enrollment
Agroforestry (C)	Mixed	Regular	3 cr	2	6-12
Agroforestry Ecosystems (C)	Graduate	Regular	3 cr	1	4-10
Farming Systems (C)	Mixed	Regular	3 cr	5	10-20
Soil Erosion (C)	Mixed	Regular	3 cr	5	6-12
Drip Irrigation Design (SC)	Graduate	Demand	cert.	3	3-6
Upland Conserv Watershed Mgt (SC)	Mixed	Demand	cert.	1	6-12
Tropical Plant Pest Quarantine (SC)	Mixed	Demand	cert.	2	6-12
Postharvest Physiol, Handling, Processing of Tropical Fruit (SC)	Mixed	Demand	cert.	1	6-12

### Requirements for Admission of Foreign Students

Minimum TOEFL score, Graduate and Undergraduate Students: 500 (some fields 550)

GRE scores are not required for the admission of foreign students.

### Description of Student Body (1989 Figures)

Discipline within CTAHR	Total No. of Students		No. of International students		No. of international students by geographical area				
	Grad	Undergr.	Grad	Undergr.	Latin America	Africa	Asia/ Pacific	Middle East	Other Countries
CTAHR	208	403	107	16	2	2	115	1	3

### Costs of Study and Funding Sources

Out-of-State Tuition/Fees per Academic Year(1989 Figures): Graduate \$ 4,380 Undergraduate \$ 3,680  
Summer Tuition is \$ 100/credit unit.

Funding sources for foreign students:

For study in the United States:

For fieldwork overseas:

<u>Funding Source</u>	<u>No. Foreign Students Funded</u>	<u>Funding Source</u>	<u>No. Foreign Students Funded</u>
USAID	5	USAID	1
FAO	7		
East-West Center	17		

There are no scholarships specifically for foreign students available at the University of Hawaii.

### Facilities and Services for Foreign Students

- \* CTAHR maintains an International Programs Office, which coordinates agricultural and agroforestry short courses and provides administrative and logistical support for international degree students and non-degree students.
- \* The University of Hawaii also maintains an International Students Office and International Services and Support Office for the School of Hawaiian, Asian and Pacific Studies.
- \* Formal international student orientation programs
- \* Family visitation/host family program
- \* Family English language training (continuing ed)--survival English classes, etc.
- \* Formal English as a Second Language courses for credit, offered to enrolled students
- \* Intensive English language training capability
- \* East-West Center Participants Association (for EWC-sponsored students)
- \* Information packets describing the University and surroundings are sent to incoming foreign students.

### Setting and Important Facilities of School

The University of Hawaii, the largest land grant university in the tropics, is international in character, and well-located to serve clientele from Hawaii, Asia, and the Pacific. The university has strong interdisciplinary programs in the natural and physical sciences, especially in tropical environments and resources, oceanography, marine sciences, tsunami (tidal wave) research, volcanology and astronomy.

The university is located close to downtown Honolulu and Waikiki Beach; local sites of cultural and historical interest include Diamond Head Crater, Punch Bowl Cemetery, the Arizona Memorial at Pearl Harbor, the Lyon Arboretum, and the Foster Gardens.

The university maintains sixteen field experimental stations located across a range of agro-climatic zones throughout the state. The college also participates in the MauiNet, a network of calibrated research sites on the slopes of Haleakala Crater which include very diverse physical conditions. About 80% of tropical soil-climatic conditions of the world are represented across the sites.

Key research activities at the college include the Nitrogen Fixation by Tropical Agricultural Legumes Project (NIFTAL) and the International Benchmark Sites for Agrotechnology Transfer Project (IBSNAT).

### Formal/Informal Links with Foreign Institutions

CTAHR has cooperative agreements with six research institutes in China, as well as three project-enabling agreements in force with Indonesia and South Pacific nations. Faculty work closely with several international research centers, including IRRI in the Philippines, CIAT in Colombia, IRCRISAT in India, and AVRDC in Taiwan. Faculty have also conducted training programs for the U.S. Peace Corps.

### Involvement in International Consortia

CID (Consortium for International Development)  
 CiCP (Consortium for International Crop Protection)  
 CIFAD (Consortium for International Fisheries and Aquaculture Development)

#### Contact's at the University:

##### Contact who supplied information

Harold J. McArthur  
 Coordinator for Int'l Programs  
 CTAHR, Gilmore 214A  
 3050 Malle Way  
 University of Hawaii  
 Honolulu, Hawaii 96822  
 Phone: 808-956-6441  
 Fax: 808-956-6442  
 Telex: 7430725 SPRAD

N.P. Kefford, Dean  
 CTAHR, Gilmore 202  
 3050 Malle Way  
 University of Hawaii

### Profile of Faculty

CTAHR employs 215 permanent appointment on-campus faculty.  
 Of these, 23 have completed at least one cumulative year of foreign in-country experience.

Profiles of selected faculty members follow (See Appendix A for an explanation of the abbreviations).

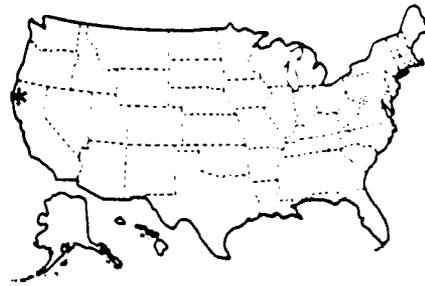
Name	Highest Degree and Year	Ranked Specialty Areas	Cumulative No. of Foreign Grad Students Advised To Degree Compl.	International In-country Experience Country,Time,Activity	Language Fluency 5 point scale
J. Beardsley	Ph.D.	ENTO		Nigeria, Zaire, Senegal, England, Israel, Bangladesh, 1-2M ea CONS.	
J. Brewbaker	Ph.D. 1954	AGRO, TRIM Nitrogen Fixation		Philippines 2Y INST; Thailand 2Y RSCH; Sweden 1Y RSCH; India 6M; Colombia 5M; Taiwan 5M; Australia 3M.	
L. Chia	Ph.D. 1975	ORCH		China 2M RSCH; addtl short-term CONS (no detail supplied)	
S. El-Swaify	Ph.D. 1965	SCON, SOIL WASH		India 2Y RSCH; Egypt 2Y INST; Australia 1Y RSCH.	Arabic 5.0

B. Smith	Ph.D. 1978	RANG		
J. Fownes	Ph.D. 1979	AGRO	International con/is (no detail supplied)	
H. McArthur	Ph.D. 1977	RURL, POLY SOCL, Farming Systems	Vietnam 2.8Y PVO; Philippines 2Y RSCH, CONS; Mexico 2M; Ir/Indonesia 2M; Laos/Thailand 1M.	Spanish 3.0
G. Uehara	Ph.D. 1959	SOIL	Indonesia, India, Philippines, Australia, Cameroon STU, CONS, RSCH (no details supplied).	
R. Yost	Ph.D.	SOIL Expert Systems	Brazil 1.6Y RSCH; Indonesia	French 3.0 Portug. 3.0

**HUMBOLDT STATE UNIVERSITY**

**College of Natural Resources**

**Arcata, California**



**Specialty Areas at the University**

Within the  
College of Natural Resources

- Forest Economics
- Forest Management
- Land Use Planning, Environmental Assessment
- Silviculture
- Watershed Management

Supporting disciplines  
available at the University

- Fresh Water Fisheries
- Natural Resource Management
- Range Management, Livestock
- Soil Science
- Wildlife Management

**Degree Programs and Accreditation**

Bachelor of Science Programs

- Fisheries (options in freshwater fisheries, marine fisheries, and aquaculture)
- Forestry (options in forest production and forest management science; accredited by the Society of American Foresters, 1984)
- Natural Resources Planning and Interpretation
- Range Management
- Wildlife

Master of Science Programs

- Natural Resources (options in fisheries, forestry, wastewater utilization, watershed management, wildlife, and natural resources)

**Official Policy Toward Thesis Research in Home Country**

This is acceptable with approval of the student's graduate advisory committee. It is preferred that the major professor directs research, and that the student to returns to the campus to complete the thesis.

**International Courses and Workshops**

Courses or workshops offered by the college which focus specifically on international resource issues, tropical studies, or other topics of interest to students from developing countries.

<u>Courses (C) Short Courses (SC) or Workshop (W)</u>	<u>Undergrad, Graduate, or Mixed</u>	<u>Regular offering or by Demand</u>	<u>Credits</u>	<u>Times taught in the last five years</u>	<u>Range of Enrollment</u>
International Forestry (C)	Mixed	Demand	3 cr	8	1
Game Ranching (C)	Mixed	Regular	2 cr	3	13-16

### Sr. Level Professional Programs / Integrated Course Studies

Various non-degree programs (Certificates of Study) which can generally be completed within one year, are available in:

Aquaculture	Freshwater Fisheries Mgmt
Marine Fisheries Mgmt	Forest Measurements
Natural Resource Policy/Administr.	Remote Sensing
Native American Resource Mgmt	Quantitative Methods in Natural Resources
Natural Resource Interpretation	Soil Science
Natural Resources Planning	Wildlife/Livestock interactions

### Requirements for Admission of Foreign Students

Minimum TOEFL score, Graduate and Undergraduate Students: 550

GRE scores are not required for the admission of foreign students.

#### Other Requirements

Graduate Students: GPA of 2.5 or better and baccalaureate degree in related field

Undergraduates: Combination of SAT and GPA

### Description of Student Body (1989 Figures)

Discipline within College of NR	Total No. of Students		No. of International students		No. of international students by geographical area				
	Grad	Undergr.	Grad	Undergr.	Latin America	Africa	Asia/ Pacific	Middle East	Other Countries
Forestry	18	206	1	-	-	1	-	-	-
Fisheries	25	114	3	5	-	2	5	1	-
Wildlife	32	279	2	4	2	-	3	-	1
Range Management	-	21	-	-	-	-	-	-	-
Nat Res Planning & Int.	-	196	-	1	-	-	1	-	-
Watershed Mgmt.	2	-	-	-	-	-	-	-	-
Natural Resources	14	-	-	-	-	-	-	-	-
Wastewater Utilization	2	-	2	-	1	-	1	-	-

### Costs of Study and Funding Sources

Out-of-State Tuition/Fees per Academic Year(1989 Figures): Graduate \$ 4,587 (24 units)  
Undergraduate \$ 5,523 (30 units)

Funding sources for foreign students:

#### For study in the United States:

<u>Funding Source</u>	<u>No. Foreign Students Funded</u>
USAID	1
Self-supported	17

There are no scholarships specifically for foreign students available at Humboldt State University.

### International Opportunities for U.S. Students

Programs are available on campus, although none are specifically for forestry students. A U.S. Peace Corps representative is located on campus, due to large involvement by students.

### Facilities and Services for Foreign Students

- \* Formal English as a Second Language courses for credit, offered to enrolled students.
- \* Active international student organizations
- \* Information packets describing the university and surroundings are sent to incoming foreign students.

### Setting and Important Facilities of School

Humboldt State University is located in a small, rural town with a residential campus. The small university gives the student the opportunity to develop close relationships with faculty. The instruction is field oriented and the curriculum emphasizes the applied ecology and management of natural resources.

The college maintains two forest areas. A well-developed library collection supports natural resources instruction. The region around the campus supports a wood products economy.

### Formal/Informal Links with Foreign Institutions

International study agreements exist with twenty foreign universities through the California State University System, including the University of Sao Paulo (Brazil), the Iberoamerican University (Mexico), the Catholic University of Lima (Peru), the National Chengchi University (China), the University of Heidelberg (Germany), the Hebrew University of Jerusalem (Israel), the University of Florence (Italy), and the University of Uppsala (Sweden).

#### Contacts at the University:

##### Contact w/ info supplied information

Richard L. Ridenhour  
College of Natural Resources  
Humboldt State University  
Arcata, CA 95521  
Phone: 707-826-3561  
Fax: 707-826-5555

##### Other Contacts

Dr. William Sullivan  
Department of Forestry  
Humboldt State University  
Phone: 707-826-3935

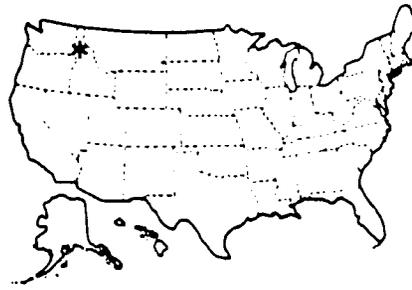
Robert Hannigan, Dean  
Admissions and Records  
Humboldt State University  
Phone: 707-826-4104

### Profile of Faculty

The College employs 30 permanent appointment on-campus faculty. Of these, 6 have completed at least one cumulative year of professional foreign in-country experience.

Profiles of selected faculty members follow (See Appendix A for an explanation of abbreviations).

Name	Highest Degree and Year	Ranked Specialty Areas	Cumulative No. of Foreign Grad Students Advised To Degree Compl.	International In-country Experience Country, Time, Activity	Language Fluency 5 point scale
M. S. Sin	Ph.D. 1976	FECN, EECN Int'l Forestry Tropical Forest Mgmt		Kampuchea COB.	Cambod. 5.0 French 4.0
R. Becking	Ph.D. 1954	NATR, MENS LAUS, ENVT	1	Indonesia 1Y AID.	Dutch 5.0 German 4.0
R. Botzler	Ph.D. 1970	WLMG	1	West Germany 1Y Fulbright.	German 3.0
L. Fox	Ph.D. 1976	REMS, LAUS	1	Thailand 2Y AID.	
D. Hauxwell	Ph.D. 1967	SCON	1	Kenya 1Y EDUC.	
A. Mossman	Ph.D. 1955	WLMG	4	Zimbabwe 3Y EDUC.	



## UNIVERSITY OF IDAHO

### College of Forestry, Wildlife, and Range Sciences (CFWR)

#### Moscow, Idaho

The CFWR consists of five departments: Forest Resources, Forest Products, Fish and Wildlife Resources, Range Resources and Resource Recreation and Tourism. These departments within a single college allow integration of natural resource disciplines in undergraduate and graduate programs. The curriculum combines strong social and natural science components to provide appropriate knowledge and skills for natural resource management to international as well as U.S. students with international interests. More than 25% of the faculty of the college have extensive experience in providing international training and technical assistance. The college offers one of the most expansive lists of international natural resource courses available in the United States. The college also boasts a very personal as well as professional program.

#### Specialty Areas Within the CFWR

Agroforestry  
Environmental Education  
Nurseries  
Range Management  
Wildlife Management

Forest Management  
Fresh Water Fisheries  
Parks, Wildland Management  
Social Forestry  
Forest Products, Wood Utilization

#### Degree Programs and Accreditation

##### Bachelor of Science Programs

Forest Resources (with options in Management, Science, Administration; accredited by the Society of American Foresters, 1935 and 1984)  
Forest Products (with options in Wood Construction and Design, Timber Harvesting, Business Management, Pulp and Paper Technology; accreditation in progress by the Society of Wood Science and Technology)  
Fisheries Resources (with options in Aquaculture or Management)  
Wildlife Resources  
Range Resources (accredited by the Society of Range Management, 1985)  
Resource Recreation & Tourism (accredited by the National Recreation and Park Association, 1988)

##### Master of Science Programs (approx. 2 years)

Forest Resources  
Range Resources  
Wildlife Resources

Forest Products  
Fishery Resources  
Resource Recreation and Tourism

Both thesis and non-thesis options are offered in all MS programs.

##### Master of Forestry Programs (approx. 2 years)

Forest Resources  
Resource Recreation and Tourism

Forest Products

##### Doctor of Philosophy (approx. 4 years)

A Ph.D. is awarded in "Forestry, Wildlife and Range Sciences," but doctoral students concentrate coursework and select research topics in one of the five departments.

### Official Policy Toward Thesis Research in Home Country

The college believes in the importance of in-country research and encourages this whenever funds from sponsoring agencies are made available for this purpose. However, funds for in-country research are not available through the University of Idaho.

### International Courses and Workshops

Courses offered by the college which focus specifically on international resource issues, tropical studies, or other topics of interest to students from developing countries.

Course (C) Short Course (SC) or Workshop (W)	Undergrad, Graduate, or Mixed	Regular offering or by Demand	Credits	Times taught in the last five years	Range of Enrollment
Tropical Soils (C)	Mixed	Demand	2 cr	3	6-10
Agroforestry (C)	Mixed	Regular	2 cr	5	7-10
Tropical Dendrology/Ecology (C)	Mixed	Regular	3 cr	5	8-12
Field Studies Trop. Dendrol (C)	Mixed	Demand	3 cr	3	9-12
Problems in World Resources (C)	Graduate	Regular	3 cr	4	8-12
Int'l Land Preservation Syst. (C)	Undergrad	Demand	3 cr	2	6-10
Int'l Wildland Management (C)	Mixed	Demand	1-3 cr	2	7-10
Community Forestry Mgmt. (C)	Graduate	Regular	2 cr	2	10-14
Forest Inventory/Road Constr. (SC) (OICD course, \$4200 per student)	Mixed	Demand	0 cr	3	10-12
Land-use Planning for Commun. (SC)	Mixed	Demand	4 cr	5	8-20
Forestry & Nat. Res. Mgmt. (OICD course, \$4200 per student)					

### Sr. Level Professional Programs / Integrated Course Studies

At a B.S. level, most integrated programs are obtained by undertaking a double major or a major/minor option. Interdepartmental crossover within the college is encouraged. At the graduate level, students are encouraged to take advantage of disciplines outside the college to meet academic and research needs. For example, CFWR students can and do take courses in agriculture, law, economics, statistics, life sciences, etc.

### Requirements for Admission of Foreign Students

Minimum TOEFL score, Graduate and Undergraduate Students: 500 (Dept. of Forest Res. 525)  
Present TOEFL requirements are currently under review.

GRE scores are not required for the admission of foreign students to any but the Department of Resource Recreation and Tourism. This department has set no minimum GRE score.

### Description of Student Body (1989 Figures)

Discipline within CFWR	Total No. of Students		No. of International students		No. of international students by geographical area				
	Grad	Undergr.	Grad	Undergr.	Latin America	Africa	Asia/Pacific	Middle East	Other Countries
Forest Resources	70	63	24	5	5	7	9	8	-
Forest Products	16	17	11	2	4	2	6	1	-
Resource Rec/Tour	21	77	2	1	1	-	-	1	1
Range Management	7	18	2	2	-	1	2	1	-
Fish / Wildlife	60	149	8	-	1	2	4	-	1

### Costs of Study and Funding Sources

Out-of-State Tuition/Fees per Academic Year(1989 Figures): Graduate \$ 3,652 Undergraduate \$ 3,298

Funding sources for foreign students:

#### For study in the United States:

<u>Funding Source</u>	<u>No. Foreign Students Funded</u>
USAID	27
FAO/UNDP/World Bank	4
Host-Country Universities	12
Foundations, PVOs	2
Self-supported	3
Host Country Government	9

#### For fieldwork overseas:

<u>Funding Source</u>	<u>No. Foreign Students Funded</u>
USAID	4
World Bank/UNDP	1

Scholarships Specifically For Foreign Students:

Within the University a limited number of out-of-state tuition waivers are available to international students. Many scholarships, fellowships and assistantships are open to international as well as U.S. students.

### International Opportunities for U. S. Students

In addition to university-wide study abroad programs we have formal exchange programs for both education and research with the natural resource programs in the following universities:

Universidad Austral de Chile  
 University of Edinburgh, Scotland  
 Ecole Nationale Forestiere d'Ingenieurs, Morocco  
 Universidad Nacional, Costa Rica  
 University of Hawaii (for tropical studies)

### Formal/Informal Links with Foreign Institutions

The college maintains Memoranda of Understanding with several international universities, including the Shaanxi College of Agriculture, the Northwest Forest Research Institute and University of Inner Mongolia (all of the People's Republic of China) and the Chinese government; the Universidad Austral de Chile; the Universidad Nacional de Costa Rica; and the Ecole Nationale Forestiere d'Ingenieurs (Morocco).

### Involvement in International Consortia

CID (Consortium for International Development)

### Facilities and Services for Foreign Students

- \* The International Programs Office of the College of FWR provides non-academic support services such as liaison work among sponsoring agencies, the university and international students; housing assistance; aid with admission and registration procedures; visa renewal and securing health insurance; travel arrangements for research and seminars; counseling on personal adjustment problems.

- \* Formal international student orientation programs
- \* Family English language training (continuing ed)--survival English classes, etc.
- \* Formal English as a Second Language and English composition classes for credit, offered to enrolled students
- \* Intensive English language training capability (offered through an affiliate)
- \* Active international student organizations
- \* International Week Activities to integrate international and local communities.
- \* NAFSA funded course in International Leadership Training and Re-Entry.

**Setting and Important Facilities of School**

The University of Idaho is located in a small, friendly rural community in the heart of a region of diverse natural resources. There is easy access to outdoor recreation opportunities such as skiing, camping and water sports.

The enrollment at the University is relatively small, allowing for small classes and much interaction between students, faculty, and staff.

The CFWR maintains a collection of international natural resources management reference documents available for student use, as well as an extensive collection of tropical herbarium specimens and slides pertaining to tropical dendrology and ecology. The college also manages a 7,100 acre experimental forest, a rangeland and a wilderness area research station, and two field campuses, all well-suited for international student research.

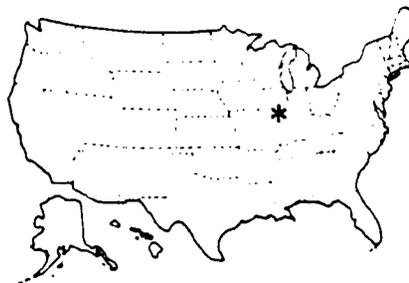
<b>Contacts at the University:</b>		
<u>Contact who supplied information</u>	<u>Other Contacts</u>	
Michael R. Whiteman Int'l Programs Coordinator College of FWR University of Idaho Moscow, ID 83843 Phone: 208-885-7111 Fax: 208-885-6226 Telex: 218228 COLFOR UR	Leon Neuenschwander Director of Int'l Programs College of FWR Phone: 208-885-6441	Kenneth A. Laurence, Director Office of Int'l Trade and Development University of Idaho Fax: 208-885-6198 Telex: 4931712 ITAD UI

**Profile of Faculty**

The CFWR employs 56 permanent appointment on-campus faculty. Of these, 15 have completed at least one cumulative year of professional foreign in-country experience.

Name	Highest Degree and Year	Ranked Specialty Areas	Cumulative No. of Foreign Grad Students Advised To Degree Compl.	International In-country Experience Country, Time, Activity	Language Fluency 5 point scale
W.J. McLaughlin	Ph.D. 1977	LAUS, PARK RURL, SOCL	3	France 1Y RSCH; China 3M; Yugolsav. 1M; Australia 1M.	French 3.0
L. Nelson	Ph.D. 1973	ENED, EXTN COMM, WLMG	1	Costa Rica 11M INST, EDUC; Other Latin American countries 7M.	Spanish 3.0

J.E. Force	Ph.D. 1978	SOCL, LAUS EXTN, POLY	3	India 5M AID; Pakistan 3W; Sri Lanka 2W.	
E.D. Ables	Ph.D. 1968	BDIV, EDUC NARS, WLMG	3	Kenya 2Y; China 3M; Korea 2M South Africa 3W; Thailand 2W.	French 2.0
C. McKetta	Ph.D. 1984	FECN, MGMT POLY, NECN	5	Chile 10M EDUC; Costa Rica 3M; Mexico 2M.	Spanish 3.0
S. Ham	Ph.D. 1982	ENED, PARK COMM, EDUC	2	Costa Rica 6M RSCH, EDUC; Ecuador 2M; Honduras 2M; Trinidad 1M; Other Latin American Countries 2M.	Spanish 3.5
S. Bunting	Ph.D. 1978	FIRE, RANG NARS, ENVT	1	Argentina 4M BIL; Portugal 4M AID/BIL.	
G. Machlis	Ph.D. 1979	PARK, SOCL ENED, CBIO	4	China 1Y; Ecuador 1M; Kenya 1M.	
L. Medema	Ph.D. 1977	FECN, NECN EECN, AGRO	3	Thailand 3.5Y CONS; Pakistan 6M; Sri Lanka and Philippines 2M ea; Burkina Faso, India, Nepal, Indonesia, Malaysia 1M ea; Papua New Guinea 2W.	
F.D. Johnson	Ph.D. 1952	PLNT, BDIV SILV, AGRO	6	Honduras 2.5Y PC, EDUC, CONS, RSCH; Philippines 3M; Morocco 2M;	Spanish 2.5
J.J. Ulliman	Ph.D. 1971	REMS, EDUC MAPP, LAUS	3	W. Germany 4Y MIL, RSCH; Tanzania 4M; Swaziland 4M; Kenya 2M.	
A. Moslemi	Ph.D. 1965	PROD	10	Iran 5Y NAT; Morocco 2M; Honduras 2M; Korea 1M.	Persian 5.0 Kurdish 4.0
C.M. Falter	Ph.D. 1969	NARS, FISH COAS, LAUS	1	Australia 9M RSCH; Senegal/Ghana 4M; Tanzania 2M.	French 2.0
D.L. Adams	Ph.D. 1969	SILV, REGN NATR, PLNT	15	European Countries 4M; Morocco 2M; Japan 1M; Turkey 1M.	
G.H. Belt	Ph.D. 1968	WASH, AGRO SOCL, SCON	2	India 2Y AID; Pakistan 5M.	
G.W. Klontz	Ph.D. 1963	EDUC, FISH	5	South Africa 2M CONS; European Countries 2M.	French 2.0 Spanish 2.0



## UNIVERSITY OF ILLINOIS

### Department of Forestry

Urbana, Illinois

The Department of Forestry at the University of Illinois maintains a strong international program in forest ecology and management, agroforestry, environmental education and management. Faculty have participated in a number of international research and development programs such as: deforestation studies and reforestation projects in Central America and Southeast Asia; the global carbon cycle; agroforestry and other social forestry projects; and atmospheric deposition and its effects on soil. The department also maintains a strong program in forest products, particularly in hardwood utilization. Other areas of expertise include tissue culture, nitrogen-fixation and other biotechnologies.

### Specialty Areas at the University

#### Within the Department of Forestry

Agroforestry  
Forest Management  
Environment, Ecology  
Forest Products, Wood Utilization  
Soil Science

#### Supporting disciplines available at the University

Agriculture  
Agronomy  
Biology  
Education  
Silviculture

### Degree Programs and Accreditation

#### Bachelor of Science Programs

The Bachelor of Science program is accredited by the Society of American Foresters, and consists of two options. The Forest Science option prepares students for positions involving management of natural resources, particularly those associated with forests and forest land, including attention to environmental quality and ecology. The wood products industries option prepares students for positions in public and private wood research and in the wood-using industries.

#### Master of Science Programs (approx. 2 years)

Two options are available. Plan A (Thesis) requires that a student satisfactorily complete course work that includes a Master's Thesis. Plan B (Non-Thesis) may be granted with the approval by a student's advisory committee.

#### Doctor of Philosophy (approx. 4 years)

This degree is not currently offered by the department, but qualified students may work toward a Ph.D. with a faculty advisor who holds a joint appointment in another department (under an interdisciplinary doctoral program).

### Official Policy Toward Thesis Research in Home Country

While the department does not encourage this, graduate students are not prohibited from conducting their thesis in their home country if this strengthens their academic program.

### Requirements for Admission of Foreign Students

Minimum TOEFL score, Graduate Students: 550                      Undergraduates: 520  
GRE scores are not required for the admission of foreign students.

### International Courses and Workshops

Courses offered by the Department of Forestry and other departments within the College of Agriculture which focus specifically on international resource issues, tropical studies, or other topics of interest to students from developing countries.

Course (C) Short Course (SC) or Workshop (W)	Undergrad, Graduate, or Mixed	Regular offering or by Demand	Credits	Times taught in the last five years	Range of Enrollment
Development in Latin America (C)	Mixed	Regular	3 hr	5	100-110
Econ. Devel. India, SE Asia (C)	Mixed	Regular	3 hr	4	1-15
Econ. Devel. Tropical Africa (C)	Mixed	Regular	3 hr	5	10-15
International Agricul. Trade (C)	Mixed	Regular	3 hr	5	16-32
International Comparative Ag. (C)	Graduate	Regular	1	5	2-10
Soc. Change in Devel. Areas (C)	Mixed	Regular	3	6	7-29
Tropical Forest Ecosystems (C)	Mixed	Regular	3	3	4-10

### Descriptor of Student Body (1989 Figures)

Department of Forestry	Total No. of Students		No. of International students		No. of international students by geographical area				
	Grad	Undergr.	Grad	Undergr.	Latin America	Africa	Asia/ Pacific	Middle East	Other Countries
Forestry	28	55	12	-	-	-	9	-	3

### Costs of Study and Funding Sources

Out-of-State Tuition/Fees per Academic Year (1989 Figures): Graduate \$ 4,028 Undergraduate \$ 3,137

Funding Sources for foreign students for study in the United States:

<u>Funding Source</u>	<u>No. Foreign Students Funded</u>	
U.S. Gov't (not USAID)	1	No funding sources are available for overseas fieldwork.
Universities	10	
Self-supported	1	

No scholarships exist specifically for international students within the Department of Forestry.

### International Opportunities for U.S. Students

Agreements exist with the Universite Laval, Quebec, Canada; University of British Columbia, Vancouver; University of Aberdeen, Scotland; and UCNW Bangor American-Scandinavian Foundation.

### Facilities and Services for Foreign Students

- \* Office of International Student Affairs maintained by the University but not within the Department of Forestry
- \* Formal international student orientation programs
- \* Formal English as a Second Language courses for credit, offered to enrolled students
- \* Intensive English language training capability

- \* Active international student organizations
- \* Information packets describing the university and surroundings are sent to incoming foreign students.

### Setting and Important Facilities of School

The University of Illinois is situated in the twin cities of Champaign and Urbana (population of approximately 100,000), surrounded by prairie and farmland, and is easily accessible by air, rail, and bus. The university is also the home of the nationally and internationally known Krannert Center for the Performing Arts and Krannert Art Museum.

The university has two supercomputer centers: 1) National Center for Supercomputing Research and Development; 2) National Center for Supercomputing Applications.

### Formal/Informal Links with Foreign Institutions

A formal program for scientific exchange of graduate students and faculty exists between the Department of Forestry and the Fujian Forest Research Institute in Fuzhou, Fujian Province, China. The department also has exchange programs with universities in Germany, China and Switzerland, and has close research ties with universities in Germany, England, Sweden, Japan, and the USSR. The Department of Forestry is a member of International Union of Forestry Research Organization.

### Involvement in International Consortia

OTS (Organization for Tropical Studies)

CID (Consortium for International Development)

MUCIA (Midwest Universities Consortium for International Activities)

### Contacts at the University:

#### Contact who supplied information

G. A. Mendoza  
 Department of Forestry  
 110 Mumford Hall  
 1301 West Gregory Drive  
 University of Illinois  
 Urbana, Illinois 61801  
 Phone: 217-333-9347  
 Fax: 217-244-3219

#### Other Contacts

G. L. Rolfe  
 Department of Forestry  
 Phone: 217-333-2770

S. Brown  
 Department of Forestry  
 Phone: 217-333-1643

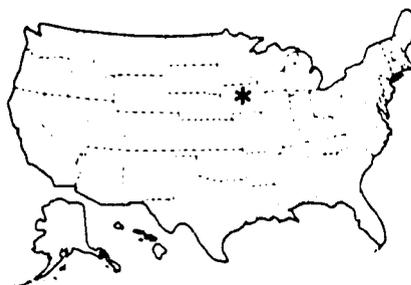
Joan Saloun, Director  
 Study Abroad Office  
 Phone: 217-333-6322

### Profile of Faculty

The Department of Forestry employs 12 permanent appointment on-campus faculty. Of these, 4 have completed at least one cumulative year of professional foreign in-country experience.

Profiles of selected faculty members follow (See Appendix A for explanation of the abbreviations).

Name	Highest Degree and Year	Ranked Specialty Areas	Cumulative No. of Foreign Grad Students Advised To Degree Compl.	International in-country Experience Country, Time, Activity	Language Fluency 5 point scale
G. Mendoza	Ph.D. 1980	AGFO, FECN MGMT, NECN	5	Philippines 15Y RSCH.	Spanish 4.0 German 3.0
P. Chow	Ph.D. 1969	PROD, SCND SAWM, ENGN	5		German 2.5 Chinese 4.0
G. Gertner	Ph.D. 1980	MENS, MGMT SILV, ENVT	0	Germany 4M RSCH; Switzerland 1W; Italy 2W; New Zealand 1W; China 2W.	
S. Brown	Ph.D. 1978	MENS, ENVT Trop. For Ecol Global Forest Issues	0	United Kingdom 24Y COB; Central African Rep. 1.5Y RSCH; Australia 8M; Costa Rica 3M; Venezuela 2M; Asian Countries 1M; Zimbabwe 1W.	Spanish 2.5
J. Dawson	Ph.D. 1978	PHYS, SILV SOIL, AGRO	6	Australia 8M RSCH; New Zealand 3M; Colombia 1M; China 1M.	French 2.0



## IOWA STATE UNIVERSITY

### Department of Forestry

Ames, Iowa

The Department of Forestry has strong programs in forest biology, forest biometry, forest economics, forest administration and management, and wood science.

The forest biology program gives a rigorous education to students in the fundamental aspects of forest biology preparing them for research, teaching, and professional positions. Students may specialize in forest pest management, forest regeneration, intensive tree management, tree improvement and genetics, tree physiology, tree-soil relationships, or tree symbioses.

Forest biometry gives the student a working knowledge of applied and theoretical statistics, computer technology, and advanced mathematics, and enables the student to apply this knowledge effectively to the solution of forest resource problems.

Forest economics involves the application of economic principles to problems in forest resource management and use. Students usually develop an area of emphasis within the scope of forest economics. That area of emphasis may be in economic theory, quantitative methods, international development, natural resource policy, or natural resource planning.

Forest administration and management is strongly oriented toward problem solving. Students usually develop an area of specialization in resource business management, multiple-use forest resource management, or environmental and recreation resource planning. The department is also associated with the Master of Business Administration degree with a specialization in Agriculture, offered by the College of Business Administration.

The wood science program is designed for those students who wish to concentrate their efforts in the area of wood use. Students usually develop areas of specialization in wood properties, wood products industrial operations, wood physics-processing, or wood chemistry-wood adhesion.

### Specialty Areas at the University

#### Within the Department of Forestry

Forest Economics  
Forest Management  
Mensuration, Inventory  
Forest Products, Wood Utilization  
Tree Improvement, Genetics

#### Supporting disciplines available at the University

Economics  
Statistics  
Agronomy  
Entomology  
Plant Pathology

### Degree Programs and Accreditation

#### Bachelor of Science Programs

Forestry with options in forest resource management or forest products (accredited by Society of American Foresters since 1935)

#### Master of Forestry Programs (approx. 2 years)

Forestry with specialization in forest biology, forest biometry, forest administration and management, forest economics and marketing, wood science

#### Doctor of Philosophy Programs (approx. 3 years)

Forestry with specialization in forest biology-wood science, forest biometry, forest economics

### Official Policy Toward Thesis Research in Home Country

Students are encouraged to research a problem related to their home country. Faculty will assist students in seeking funding to cover costs of data collection in the home country when necessary.

### International Courses and Workshops

Courses offered by the department which focus specifically on international resource issues, tropical studies, or other topics of interest to students from developing countries.

Course (C) Short Course (SC) or Workshop (W)	Undergrad, Graduate, or Mixed	Regular offering or by Demand	Credits	Times taught in the last five years	Range of Enrollment
Forest Ecology (C)	Undergrad	Regular	4 cr	5	15-25
Silviculture (C)	Undergrad	Regular	4 cr	5	15-25
Forest Influences (C)	Mixed	Regular	3 cr	5	15-20
Photogrammetry (C)	Mixed	Regular	3 cr	5	10-15
For. Tree Improvement & Genetics (C)	Mixed	Regular	3-4 cr	3	5-10
Adv. For. Biology & Silviculture (C)	Mixed	Regular	4 cr	3	5-10
Forest Nursery Science (C)	Mixed	Regular	4 cr	3	5-10
Amer. Trop. Forestry Seminar (C)	Mixed	Demand	2 cr	1	2

### Sr. Level Professional Programs / Integrated Course Studies

The department cooperates in interdisciplinary programs in plant physiology, ecology and evolutionary biology, and water resources. The department also maintains close ties with the Department of Economics and the Department of Statistics. Students may minor in these areas at the graduate level.

### Requirements for Admission of Foreign Students

Minimum TOEFL score, Graduate and Undergraduate Students: 500 at time of application

### Costs of Study and Funding Sources

Out-of-State Tuition/Fees per Academic Year (1989 Figures): Graduate \$ 12,000 Undergraduate \$ 11,500  
(Fees shown also include room and board for the 12-month period)

Funding sources for foreign students:

#### For study in the United States:

<u>Funding Source</u>	<u>No. Foreign Students Funded</u>
Universities	9
Self-supported	4

#### For fieldwork overseas:

<u>Funding Source</u>	<u>No. Foreign Students Funded</u>
Universities	1
Foundations, PVOs	1
Self-supported	1

There are no scholarships specifically for foreign students available at Iowa State University.

### Description of Student Body (1989 Figures)

Discipline within Forestry	Total No. of Students		No. of International students		No. of international students by geographical area				
	Grad	Undergr.	Grad	Undergr.	Latin America	Africa	Asia/ Pacific	Middle East	Other Countries
Forestry	24	79	13	-	2	3	2	-	6

### International Opportunities for U.S. Students

A joint agreement exists with the School of Forestry in Joensuu, Finland, which provides for exchange of students for summer research activities.

### Facilities and Services for Foreign Students

- \* International Educational Services  
(Contact: Dennis Peterson, Interim Director. See Contacts Box)
- \* Formal international student orientation programs
- \* Family English language training (continuing ed)--survival English classes, etc.
- \* Intensive English language training capability
- \* Active international student organizations
- \* Information packets describing the university and surroundings are sent to incoming foreign students.
- \* Formal English as a Second Language courses for credit, offered to enrolled students.

### Setting and important Facilities of School

Iowa State University is located in the heart of midwestern agriculture land in Ames, a town of 46,000 people. It is within forty-five minutes of a larger city. The campus has an excellent facility for continuing education/cultural events from around the world and athletic events. There are numerous international student clubs, activities, and opportunities. In addition, the university maintains the Parks Library, a statistical library, and the World Food Institute.

### Involvement in International Consortia

MIAC (Mid-America International Agricultural Consortium)

#### Contacts at the University:

##### Contact who supplied information

Steven E. Jungst  
251 Bessey Hall  
Iowa State University  
Ames, IA 50011  
Phone: 515-294-1166  
Fax: 515-294-1337

##### Other Contacts

David W. Countryman  
233 Bessey Hall  
Phone: 515-294-7703  
Fax: 515-294-1337

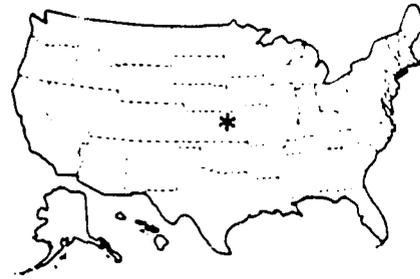
Dennis Peterson  
International Education Services  
E. O. Building  
Phone: 515-294-1120  
Fax: 515-294-8263  
Telex: 283359 AISU UR

**Profile of Faculty**

The Department of Forestry employs 11 permanent appointment on-campus faculty. Of these, 2 have completed at least one cumulative year of professional foreign in-country experience.

Profiles of selected faculty members follow (See Appendix A for an explanation of abbreviations).

Name	Highest Degree and Year	Ranked Specialty Areas	Cumulative No. of Foreign Grad Students Advised To Degree Compl.	International In-country Experience Country,Time,Activity	Language Fluency 5 point scale
H. S. McNabb, Jr.	Ph.D. 1954	IPMS, PATH TRIM, BOTY	5	United Kingdom 7M RSCH; Benelux 6M; France 1M; Many European Countries 1M; Japan 3W; Korea 1W	
M. L. Kuo	Ph.D. 1977	PROD	2	China COB; Taiwan 6M; China 1M.	Chinese 5
R. Hall	Ph.D. 1974	TRIM, ENER AGRO, SILV	4	Many European Countries 5M RSCH.	
C. Mize	Ph.D. 1977	MENS, COMP	4	Mexico 6M INST.	Spanish 3.5



**KANSAS STATE UNIVERSITY**

**Department of Forestry**

**Manhattan, Kansas**

**Specialty Areas at the University**

Within the Department of Forestry

Agroforestry  
 Energy  
 Park, Wildland Management  
 Urban Forest, Landscape Architecture  
 Windbreaks, Shelterbelts

Supporting disciplines available at the University

Agronomy  
 Animal Science  
 Biology  
 Food Aid Programming  
 Horticulture

**Degree Programs and Accreditation**

Pre-Forestry Degree (approx. 2 years)

Bachelor of Science Programs  
 Park Resource Management

**International Courses and Workshops**

Courses offered by the department which focus specifically on International resource issues, tropical studies, or other topics of interest to students from developing countries.

Course (C) Short Course (SC) or Workshop (W)	Undergrad, Graduate, or Mixed	Regular offering or by Demand	Credits	Times taught in the last five years	Range of Enrollment
Agroforestry (C)	Mixed	Demand	2 cr	new	10-20

**Requirements for Admission of Foreign Students**

Minimum TOEFL score, Graduate: 550

**Description of Student Body (1989 Figures)**

Discipline within Dept. of Forestry	Total No. of Students		No. of International students		No. of international students by geographical area				
	Grad	Undergr.	Grad	Undergr.	Latin America	Africa	Asia/Pacific	Middle East	Other Countries
Park Resources	0	91	-	-	-	-	-	-	-

**Costs of Study and Funding Sources**

Out-of-State Tuition/Fees per Academic Year(1989 Figures): Graduate \$ 4,030 Undergraduate \$ 3,790

There are no scholarships specifically for foreign students available at Kansas State University.

### Facilities and Services for Foreign Students

- \* Kansas State University maintains the International Programs Office and the Office of Special Services - International Student Affairs.
- \* International Center
- \* Formal International student orientation programs
- \* Intensive English language training capability
- \* Active international student organizations
- \* Information packets describing the university and surroundings are sent to incoming foreign students.

### Setting and Important Facilities of School

Kansas State University has an enrollment of over 20,000 students, and has excellent campus facilities. Among these facilities is the Office of Special Services - International Student Affairs, International Programs Office, the International Center, and area study and exchange programs.

### Formal/Informal Links with Foreign Institutions

The university maintains contacts with Friends of Paraguay.

### Involvement in International Consortia

MIAC (Mid-America International Agricultural Consortium)

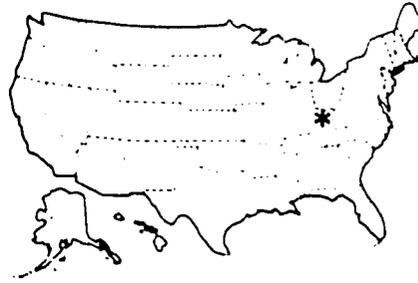
#### Contacts at the University:

<u>Contact who supplied information</u>	<u>Other Contacts</u>
Thomas D. Warner Department of Forestry Kansas State University Manhattan, KS 66506 Phone: 913-532-6923 Telefax: 913-532-5884	Dr. John Larson Assistant Provost International Programs Kansas State University Phone: 913-532-5714

### Profile of Faculty

The Department of Forestry employs 12 permanent appointment on-campus faculty. Of these, 2 have completed at least one cumulative year of professional foreign in-country experience.

No additional faculty information was supplied.



## UNIVERSITY OF KENTUCKY

### Department of Forestry

#### Lexington, Kentucky

The Department of Forestry is a unit of the College of Agriculture and, as such, it participates in the international programs of the college. Both the college and the university have international offices to administer programs. The Department of Forestry has general academic strengths in the areas of forest management and forestry biology and awards BSF and MSF degrees in these areas. Students may also enroll for the Ph.D. in multidepartmental programs in such areas as biological sciences; plant physiology, biochemistry and molecular biology; soil science; agricultural economics; and crop science.

Several faculty members are active participants in research, technology transfer, and institution-building projects in Latin America and Asia. Since 1984, the number of international students in the Department of Forestry has increased significantly. While no formal, structured international programs are offered at this time, the department has the capabilities to design and conduct academic and research programs to match individual's needs, especially at the postgraduate level.

#### Specialty Areas at the University

##### Within the Department of Forestry

Forest Economics  
Forest Management  
Silviculture  
Soil Science  
Tree Improvement, Genetics

##### Supporting disciplines available at the University

Agriculture  
Entomology  
Plant Pathology  
Plant Physiology  
Biology

#### Degree Programs and Accreditation

##### Bachelor of Science Programs

Forest Management (accredited by the Society of American Foresters, 1974)  
Forest Biology (accredited by the Society of American Foresters, 1989)  
Forest Products Science (accredited by the Society of American Foresters, 1989)

##### Master of Science Programs

MS-Forestry (thesis option only)

##### Master of Forestry Programs

MF-Forestry (thesis option only)

##### Doctor of Philosophy Programs

Crop Science  
Plant Physiology  
Biological Sciences  
Agriculture Economics

Soil Science  
Biochemistry  
Molecular Biology

#### Official Policy Toward Thesis Research in Home Country

International Ph.D. candidates are encouraged to carry out research in their home countries.

### International Courses and Workshops

Courses offered by the Department of Forestry which focus specifically on international resource issues, tropical studies, or other topics of interest to students from developing countries.

Course (C) Short Course (SC) or Workshop (W)	Undergrad, Graduate, or Mixed	Regular offering or by Demand	Credits	Times taught in the last five years	Range of Enrollment
Tropical Forestry (C)	Graduate	Regular	1 cr	1	12

### Requirements for Admission of Foreign Students

Minimum TOEFL score, Graduate and Undergraduate Students: 550  
GRE scores are not required for the admission of foreign students.

### Description of Student Body (1989 Figures)

Discipline within Dept. of F	Total No. of Students		No. of International students		No. of international students by geographical area				
	Grad	Undergr.	Grad	Undergr.	Latin America	Africa	Asia/ Pacific	Middle East	Other Countries
Forestry	25	50	9	2	-	-	8	-	3

### Costs of Study and Funding Sources

Out-of-State Tuition/Fees per Academic Year(1989 Figures): Graduate \$ 4,560 Undergraduate \$ 4,140

Funding sources for foreign students:

#### For study in the United States:

<u>Funding Source</u>	<u>No. Foreign Students Funded</u>
USAID	5
Universities	5
Self-supported	1

There are no scholarships specifically for foreign students at the University of Kentucky.

### Facilities and Services for Foreign Students

- \* The university maintains an Office of International Student Affairs with both college and university level branch offices.
- \* Formal international student orientation programs
- \* Family English language training (continuing ed)--survival English classes, etc.
- \* Formal English as a Second Language courses for credit, offered to enrolled students
- \* Intensive English language training capability
- \* Active international student organizations
- \* Information packets describing the university and surroundings are sent to incoming foreign students.

### Setting and Important Facilities of School

The University of Kentucky is located in the city of Lexington which has a population of 250,000. Cincinnati, Louisville and other cities are within a short drive. Lexington is located in the central Bluegrass Plateau and is close to many recreation areas.

The Department of Forestry is part of the Kentucky Agricultural Experimental Station. The university has an Office of International Students/Scholars and an English language institute.

### Formal/Informal Links with Foreign Institutions

The Department of Forestry is a participant in USAID-Indonesian Ministry of Education Institutional Development Program, along with eleven cooperating Indonesian universities. The department has a formal cooperation with two Chinese universities, (Shandong Agriculture University and Jiangxi Agriculture University). Other projects are in progress in Thailand, Dominican Republic, and Ecuador.

### Involvement in International Consortia

SECID (Southeast Consortium for International Development)

#### Contacts at the University:

##### Contact who supplied information

Acting Chair  
Department of Forestry  
University of Kentucky  
Lexington, KY 40546-0073  
Phone: 606-257-7596  
Fax: 606-258-1031  
Telex: 204 009 UK LEX KY SUC

##### Other Contacts

Herbert F. Massey  
Assoc. Dean  
Int'l Programs  
College of Agriculture  
Phone: 606-257-1711  
Fax: 606-258-5319

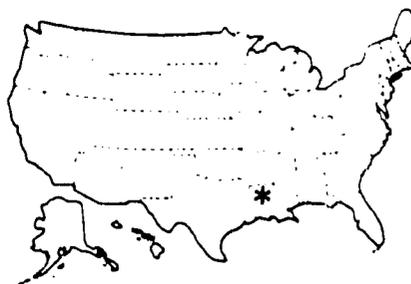
Deborah B. Hill  
Department of Forestry  
Phone: 606-257-1711

**Profile of Faculty**

The Department of Forestry employs 17 permanent appointment on-campus faculty. Of these, 7 have completed at least one cumulative year of professional foreign in-country experience.

Profiles of selected faculty members follow (See Appendix A for an explanation of abbreviations).

Name	Highest Degree and Year	Ranked Specialty Areas	Cumulative No. of Foreign Grad Students Advised To Degree Compl.	International In-country Experience Country,Time,Activity	Language Fluency 5 point scale
S. J. Chang	Ph.D. 1978	FECN, MGMT PROD, MKTG	5	Taiwan 1Y RSCH; China 4M; Japan 1M.	Chinese 5.0 Japanese 2.5
D. B. Hill	Ph.D. 1977	EXTN, SILV AGRO, SOCL	0	Many European Countries 1Y EDUC; Ecuador 4M; Dominican Republic 2M; China 1M; Haiti 1M.	French 3.0 Spanish 3.0
C. J. Liu	Ph.D. 1976	MENS, REMS COMP, MGMT	3	China 4M INST; Peru 2M.	Chinese 5.0
R. N. Muller	Ph.D. 1975	ENVT, CBIO SILV, EDUC	2	Indonesia 3M AID.	
L. Shain	Ph.D. 1967	PATH, PEST PHYS, TRIM	3	Australia 4Y RSCH; Norway 2Y RSCH; New Zealand 1Y RSCH.	



## LOUISIANA STATE UNIVERSITY

School of Forestry, Wildlife  
and Fisheries (FW & F)

Baton Rouge, Louisiana

### Specialty Areas at the University

Within the  
School of FW & F

Forest Economics  
Fresh Water Fisheries  
Harvesting  
Forest Products, Wood Utilization  
Wildlife Management

Supporting disciplines  
available at the University

Agronomy  
Coastal Resources, Wetlands  
Marine Fisheries & Resources  
Remote Sensing, Photogrammetry  
Soil Science

### Degree Programs and Accreditation

#### Bachelor of Science Programs

Forestry (accredited by the Society of American Foresters, 1935)  
Wildlife and Fisheries (with options in Wildlife, Fisheries, or Aquaculture)

#### Master of Science Programs

Forestry  
Fisheries  
Wildlife

All programs require a thesis.

#### Doctor of Philosophy Programs

Disciplines available are the same as those listed for the M.S. Degree.

### Official Policy Toward Thesis Research in Home Country

Research in the home country is permitted with the approval of the graduate committee and with proper supervision of research by the major professor, or a scientist appointed as an affiliate member of the university's graduate faculty.

### International Courses and Workshops

Courses offered by the School of Forestry, Wildlife and Fisheries which focus specifically on international resource issues, tropical studies, or other topics of interest to students from developing countries.

<u>Course (C)</u> <u>Short Course (SC)</u> <u>or Workshop (W)</u>	<u>Undergrad,</u> <u>Graduate,</u> <u>or Mixed</u>	<u>Regular</u> <u>offering or</u> <u>by Demand</u>	<u>Credits</u>	<u>Times taught</u> <u>in the last</u> <u>five years</u>	<u>Range</u> <u>of</u> <u>Enrollment</u>
Seminar in Tropical Forestry (C)	Mixed	Demand	1 cr	1	5

### Sr. Level Professional Programs / Integrated Course Studies

Forest Policy: incorporates international issues in forestry and other natural resources.

Wildlife Policy and Law Enforcement: consideration of international treaties related to wildlife species.

Principles of Aquaculture: discusses the practice of aquaculture in other countries of the world.

### Requirements for Admission of Foreign Students

Minimum TOEFL score, Graduate Students: 525 Undergraduates: 500

Minimum GRE scores: Verbal + Quant. 1000

#### Other Requirements:

Scores on ACT, SAT or Prueba de Aptitud Academica are expected of undergraduate students.

### Description of Student Body (1989 Figures)

Discipline within the School	Total No. of Students		No. of International students		No. of international students by geographical area				
	Grad	Undergr.	Grad	Undergr.	Latin America	Africa	Asia/ Pacific	Middle East	Other Countries
Forestry	9	31	5	-	1	-	4	-	-
Wildlife	22	15	-	-	-	-	-	-	-
Fisheries	15	23	1	1	-	-	1	-	1

A number of graduates have been and are Peace Corps Volunteers.

### Costs of Study and Funding Sources

Out-of-State Tuition/Fees per Academic Year(1989 Figures): Graduate \$ 2,617 Undergraduate \$ 2,620

Funding sources for foreign students:

#### For study in the United States:

<u>Funding Source</u>	<u>No. Foreign Students Funded</u>
Self-supported	1
Grad Research Assistant	6

There are no scholarships specifically for foreign students available at Louisiana State University.

### Facilities and Services for Foreign Students

- \* International Student Office
  - Approves admission of non-immigrant students on financial and immigration basis, and prepares documents necessary for international students to maintain proper status in U.S. Also provides advisory services to international students regarding education, financial, immigration, personal and social concerns.
- \* Formal international student orientation programs
- \* Formal English as a Second Language courses for credit, offered to enrolled students
- \* Active international student organizations
- \* Information packets describing the university are sent to incoming foreign students.

### Setting and Important Facilities of School

Louisiana State University is a comprehensive land-grant and sea-grant institution, and offers Bachelor's degrees in 104 major fields, Master's degrees in 68 major fields, and doctoral degrees in 41 major fields. The campus is located Baton Rouge, the capital of Louisiana and a major inland port, with a metropolitan population of over 500,000. The campus is on the east side of the Mississippi River and is bordered by business, residential, and industrial areas. The climate is mild in the winter and warm in the summer. International students are enrolled from more than 100 countries, with the largest number from Latin America and Southeast Asia.

### Involvement In International Consortia

OTS (Organization for Tropical Studies)

SECID (Southeast Consortium for International Development)

#### Contacts at the University:

##### Contact who supplied information

Dr. Stanley B. Carpenter, Director  
School of Forestry, Wildlife  
and Fisheries  
Louisiana State University  
Baton Rouge, LA 70803-6202  
Phone: 504-388-4131  
Fax: 504-388-4143

##### Other Contacts

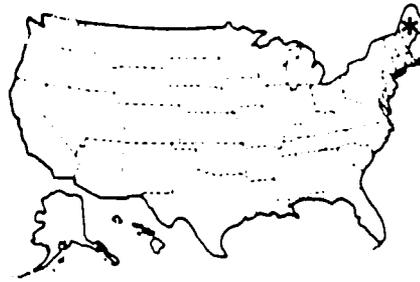
Ms. Inge M. Jordahn  
Associate Director  
of Admissions  
Louisiana State Univ.  
Baton Rouge, LA 70803  
Phone: 504-388-1175

Erin L. Schmidt, Director  
Int'l Student Office  
Louisiana State University  
Baton Rouge, LA 70803  
Phone: 504-388-5350

### Profile of Faculty

The School of Forestry, Wildlife, and Fisheries employs 28 permanent appointment on-campus faculty. Of these, 3 have completed at least one cumulative year of professional foreign in-country experience.

Name	Highest Degree and Year	Ranked Specialty Areas	Cumulative No. of Foreign Grad Students Advised To Degree Compl.	International In-country Experience Country, Time, Activity	Language Fluency 5 point scale
J. Avault, Jr.	Ph D. 1966	AGRI, FISH MARI, BIOL	12	Liberia 2W AID & FAO; Sierra Leone 2W; Many European Countries 2W; Many Asian Countries 2W.	
E. T. Choong	Ph.D. 1962	PROD, SCND SAWM, PULP	7	Indonesia 18Y COB; Indonesia 5M; Australia 6M; Philippines 2W; Malaysia 2W; New Zealand 2W.	Indon.5.0 Dutch 2.0
S. C. Hu	Ph.D. 1971	SILV, SOIL PLNT, WASH	0	Thailand 4M RSCH; China 2M COB.	Chinese 5.0
R. H. Chabreck	Ph.D. 1970	COAS, WLMG	1	Cuba 2W FAO; Mexico 2W; Czechoslovakia 2W; South Africa 2W; Poland 2W.	



## UNIVERSITY OF MAINE

### College of Forest Resources

#### Orono, Maine

The College of Forest Resources at the University of Maine is committed to its international programs. Several members of the faculty in both forestry and wildlife have experience overseas, and are interested in continuing. Formal agreements have been signed with two agencies in China, and informal arrangements have been organized with a variety of countries.

The university has a staff person responsible for coordination of international programs also a faculty member in the college. This assignment has provided numerous opportunities for work in developing countries and for students to study at the University of Maine.

#### Specialty Areas at the University

##### Within the College of Forest Resources

Forest Economics  
Forest Management  
Forest Products, Wood Utilization  
Silviculture  
Wildlife Management

##### Supporting disciplines available at the University

Botany, Plant Science  
Chemistry/Biochemistry  
Integrated Pest Management  
Pulp & Paper  
Soil Science

Maine's College of Forest Resources also offers strong programs in Remote Sensing, Tree Improvement, Plant Physiology, Parks, Mensuration, and Harvesting.

#### Degree Programs and Accreditation

##### Associate of Science

A two year program in Forest Management Technology.

##### Bachelor of Science Programs

Forest Engineering (accredited by the Society of American Foresters, 1987; and by Accreditation Board for Engineering and Technology, 1989)  
Forestry (accredited by the Society of American Foresters, 1987)  
Parks and Recreation Management  
Wood Technology  
Wildlife Management

##### Master of Science Programs

Forestry  
Resource Utilization

Wildlife

There are numerous specialization within these programs. All programs require a thesis.

##### Master of Forestry and Master of Wildlife Conservation

These are non-thesis programs.

##### Doctor of Philosophy Programs

Wildlife  
Forest Resources

There are numerous specializations within these programs.

### Official Policy Toward Thesis Research in Home Country

The university has had cases in which students have completed their thesis research in their home country. The policy is flexible in this regard.

### International Courses and Workshops

Courses or workshops offered by the college which focus specifically on international resource issues, tropical studies, or other topics of interest to students from developing countries.

Course (C) Short Course (SC) or Workshop (W)	Undergrad, Graduate, or Mixed	Regular offering or by Demand	Credits	Times taught in the last five years	Range of Enrollment
Tropical Deforestation (C)	Mixed	Demand	1 cr	1	13
International Conservation(C)	Mixed	Demand	1-2 cr	3	10-15
Foreign Competition on Maine's Forest Industries(SC)	Mixed	Demand	0 cr	1	52
Harvesting, Processing Use of Wood (SC)	Mixed	Demand	0 cr	1	2
Forests, Rangelands, & Water Resources (SC)	Mixed	Demand	0 cr	1	3
The Village Woodlot(SC)	Mixed	Demand	0 cr	1	2

### Sr. Level Professional Programs / Integrated Course Studies

The college offers several integrated senior level courses in forest policy and administration, forest economics, systems analysis, forest management and international natural resources.

### Requirements for Admission of Foreign Students

Minimum TOEFL score, Graduate and Undergraduate Students: 550

The GRE is also required. Verbal and Quantitative scores must total 1,000 (combined).

### Description of Student Body (1989 Figures)

Discipline within Dept. of FR	Total No. of Students		No. of International students		No. of international students by geographical area				
	Grad	Undergr.	Grad	Undergr.	Latin America	Africa	Asia/ Pacific	Middle East	Other Countries
Forest Management	-	-	-	-	-	-	-	-	-
Technology	-	41	-	-	-	-	-	-	-
Forest Engineering	-	31	-	-	-	-	-	-	-
Forestry	48	144	14	4	3	2	11	-	2
Wildlife	27	114	5	-	-	2	2	1	-
Wood Technology	-	49	-	-	-	-	-	-	-
Recreation & Parks	-	4	-	-	-	-	-	-	-

### Costs of Study and Funding Sources

Out-of-State Tuition/Fees per Academic Year(1990 Figures): Graduate \$ 5,292 Undergraduate \$ 5,850.

Funding sources for foreign students:

#### For study in the United States:

<u>Funding Source</u>	<u>No. Foreign Students Funded</u>
USAID	2
U.S. Gov't (not AID)	7
Universities	3
Foundations, PVOs	6
Self-supported	3
Other	2

### International Opportunities for U.S. Students

Canada/United States Exchange Program  
Exchange programs with numerous European countries, People's Republic of China and Haiti.

### Facilities and Services for Foreign Students

- \* Coordinator of International Programs in Natural Resources and Agriculture
- \* Formal international student orientation programs
- \* Family English language training (continuing ed)--survival English classes, etc.
- \* Formal English as a Second Language courses for credit, offered to enrolled students
- \* Intensive English language training capability
- \* Active international student organizations
- \* Information packets describing the university and surroundings are sent to incoming foreign students.

### Setting and Important Facilities of School

The University of Maine is located in Orono, a small town which is within 8 miles of Bangor, a small city with an international airport. Orono is close to Boston and to the Canadian Maritime Provinces. The university is close to a vast acreage of timberlands with a highly developed industrial complex.

The College of Forest Resources maintains cooperative program with various institutions in the Northwest U. S. and Canada which would be helpful to international students. A spatial analysis lab, a remote sensing lab, and a international trade center are also located on the campus.

### Formal/Informal Links with Foreign Institutions

The College of Forest Resources has a formal agreement in cooperation with the Ministry of Forestry and with the Beijing Forestry University in Beijing, China. The college has informal links with several countries in West Africa.

**Involvement in International Consortia**

OTS (Organization for Tropical Studies)  
NECID (Northeast Council for International Development)

**Contacts at the University:**Contact who supplied information

Fred Knight, Dean  
206 Nutting Hall  
College of Forest Resources  
University of Maine  
Orono, ME 04469-0125  
Phone: 207-581-2844  
Fax: 207-581-2858  
Telex: ELN 62955628 Bookstore

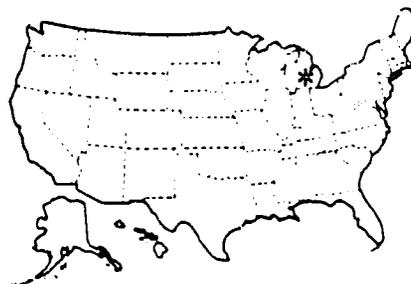
Other Contacts

Dr. James Sherborne, Director  
International Program  
Coburn Hall  
University of Maine  
Phone: 207-581-2905

**Profile of Faculty**

The College of Forestry Resources employs 36 permanent appointment on-campus faculty. Of these, 10 have completed at least one cumulative year of professional foreign in-country experience.

No additional faculty information was supplied.



## **MICHIGAN STATE UNIVERSITY**

**Department of Forestry**

**East Lansing, Michigan**

The Department of Forestry maintains three full time, permanent international forestry faculty positions in the fields of agroforestry, social forestry, and economics. Over the past five years, the department has developed graduate degree specializations in both agroforestry and social forestry.

These three faculty members serve as the backbone of the department's international program. They interact with and draw heavily upon colleagues from within the department and from the university's cross disciplinary international faculty. The faculty actively participate in research and graduate education in ecology and evolutionary biology, plant breeding and genetics, and resource economics.

The department capitalizes upon the university's strengths in international development, serving as core faculty in the following charters and institutes: Center for Advanced Study of International Development; African, Asian, and Latin America/Caribbean Studies Centers; Institute of International Agriculture; and Office of International Studies and Programs.

The department is currently in charge of Winrock International's (USAID funded) Forestry/Fuelwood Research and Development (F/FRED) Ph.D. fellowship program via subcontract. At the present time, six Ph.D. candidates (chosen from 120 applicants and representing six Asian countries) are pursuing their doctoral degrees focused on the biological, social, and economic aspects of multipurpose trees for small farms. All will conduct research in their home countries and will receive on-site participation from Michigan State's forestry faculty. In addition to international students, many U.S. graduate students are currently conducting their research abroad.

### **Specialty Areas at the University**

#### Within the Department

Agroforestry  
 Botany, Plant Science  
 Natural Resource Economics  
 Social Forestry  
 Tree Improvement/Genetics

The department also has strong programs in plant physiology and root dynamics, both relevant to agroforestry but not subsumed under agroforestry.

### **Degree Programs and Accreditation**

#### Bachelor of Science Programs

Forest Business	Forest Science (biology)
Urban Forestry	Wood Science
Forest Management	

All areas are accredited by the Society of American Foresters (1985). An international focus is available.

**Master of Science Programs (2 or more years)**

The M.S. degree is offered for either a professional program in forest management or administration, or as a specialty program. It is open to students with nonforestry backgrounds as well as to foresters. A forestry specialty program will draw from other departments of the university to provide courses appropriate to forestry specialties: agroforestry, arboriculture, biometrics, biotechnology, ecology, economics, entomology, genetics, hydrology, management or administration, physiology, recreation, silviculture, community forestry, soils and nutrition, wood chemistry, wood mechanics, wood physics, and wood pathology.

Both thesis and non-thesis options are offered in all MS programs.

**Doctor of Philosophy Programs**

The Ph.D. in forestry is open to students from non-forestry backgrounds as well as foresters. It is offered in the same specialty areas as the MS degree.

**Official Policy Toward Thesis Research in Home Country**

Although such research is strongly encouraged, a faculty advisor must be able to travel to the student's home country during the research phase, and a home country advisor should be designated. The student must demonstrate an adequate prior research background to successfully return to the home country for the research component of an advanced degree.

**International Courses and Workshops**

Courses offered by the department which focus specifically on international resource issues, tropical studies, or other topics of interest to students from developing countries.

Course (C) Short Course (SC) or Workshop (W)	Undergrad, Graduate, or Mixed	Regular offering or by Demand	Credits	Times taught in the last five years	Range of Enrollment
Agroforestry (C)	Mixed	Regular	4 cr	3	14-30
Social Forestry (C)	Mixed	Regular	3 cr	2	13-17
Forestry in Int'l Developmnt (C)	Mixed	Regular	3 cr	4	21-30
Geog Plant Ecology (C)	Mixed	Regular	3 cr	5	25-40
Agricultural Ecology (C)	Mixed	Regular	3 cr	3	20
Development Administration (C)	Graduate	Regular	3 cr	5	20
Resource Analysis & Devel Plan.(C)	Graduate	Regular	4 cr	5	20
Multiple Use Forestry (C) (\$2500 per person, 4 wks)	--	Demand	0 cr	4	3-7
Integrated Social Forestry (SC) FAO/UNDP (\$4400 per person, 8 wks)	--	Demand	0 cr	1	12

**Sr. Level Professional Programs / Integrated Course Studies**

Resource Economics-Administered jointly by six Michigan State University departments

Plant Breeding/Genetics-Administered jointly by three departments

MS/MBA-Administered jointly with Graduate School of Business Administration

Multi-disciplinary grad programs in agroforestry, social forestry, urban forestry/urban affairs-jointly administered with Urban Affairs Programs

Ecology and evolutionary biology-administered jointly by eleven departments

### Requirements for Admission of Foreign Students

Minimum TOEFL score, Graduate and Undergraduate Students: 450  
(A score of 450 will assure admission to the university, but course work will not begin until students test over 550).

Minimum GRE scores: Verbal -- Quant. 550 Analyt. 550  
Although not absolutely required for the admission of foreign students, the GRE is highly recommended.

### Description of Student Body (1989 Figures)

Discipline within the Department	Total No. of Students		No. of International students		No. of international students by geographical area				
	Grad	Undergr.	Grad	Undergr.	Latin America	Africa	Asia/ Pacific	Middle East	Other Countries
Forestry*	65	52	36	-	2	4	29	-	1

\*These enrollment figures refer only to the Department of Forestry. MSU has separate departments of Fish and Wildlife, Parks and Recreation Resources, and Resource Development. All share the same building and more or less equate to other "Colleges of Forestry" in size, with a total enrollment exceeding 400.

### Costs of Study and Funding Sources

Out-of-State Tuition/Fees per 12-month Academic Year (1990 Figures): Graduate \$ 8000  
Undergraduate \$ 7,200

Funding sources for foreign students:

#### For study in the United States:

<u>Funding Source</u>	<u>No. Foreign Students Funded</u>
USAID	10
U.S. Gov't (not USAID)	6
FAO	6
Universities	5
AFRENA	1
MUCIA	3

#### For fieldwork overseas:

<u>Funding Source</u>	<u>No. Foreign Students Funded</u>
USAID	6
FAO	3
Universities	2
AFRENA	1
MUCIA	3

There are no scholarships specifically for foreign students available at Michigan State University.

### International Opportunities for U.S. Students

Through membership in the Organization for Tropical Studies, forestry students may apply for all OTS international courses.

MUCIA offers a competitive graduate fellowship award which is open to both U.S. and International Students. MUCIA also sponsors a summer Intern abroad program.

In addition, Michigan State University maintains the largest study abroad program in the U.S. with seventy programs each year, in twenty-four different countries.

### Facilities and Services for Foreign Students

- \* The Office of International Students and Scholars provides orientation to newly arriving students; counseling and advisory services; serves as a liaison with the U.S. Immigration and Naturalization Service; works with academic advisors and departments to support student academic objectives and programs; supports community efforts on behalf of international students; helps school officials and teachers to work effectively with children of international students; provides programs which prepare students and their families for re-entry into their home countries.
- \* Formal international student orientation programs
- \* Family English language training (continuing ed)--survival English classes, etc.
- \* Formal English as a Second Language courses for credit, offered to enrolled students
- \* Intensive English language training capability
- \* Active international student organizations
- \* Information packets describing the university and surroundings are sent to incoming foreign students.
- \* The university has study centers for the following areas: Africa, Asia, Latin America/Carib, Europe.

### Setting and Important Facilities of School

Located in a town of approximately 200,000, Michigan State lies within two hours of Lakes Huron and Michigan. The campus is essentially a large arboretum-park, 2000 acres of beautiful wooded land with more than 8000 kinds of trees and shrubs. This plant collection serves for teaching and research. Cultural facilities include the Wharton Center for Performing Arts, the Breslin Student Events Center and the Michigan Historical Museum.

Adjacent to the main campus, an area of more than 3000 acres is devoted to agricultural and forestry research. MSU also operates facilities involving holdings of about 13,000 acres including forest and agricultural experiment stations and the Kellogg Biological Station.

In addition, the university operates the Sahel Documentation Center, the Center for Remote Sensing, the Institute of Water Research, Institute of International Agriculture, and maintains an office of Women in International Development (USAID funded). The Nonformal Education Center belongs to the International Network in Education and Development (INET).

### Formal/Informal Links with Foreign Institutions

The Department of Forestry holds a Memorandum of Understanding (MOU) with the Taiwan Council of Agriculture for the exchange of scholars and information, staff development, cooperative research and teaching in forestry and management.

An MOU also exists with Universiti Pertanian in Malaysia, for staff training, collaborative forestry research, and the exchange of information and scholars.

General agreements exist with the Sichuan Agricultural University for the exchange of graduate students and faculty, research publications and data, and plant and biological specimens.

### Involvement in International Consortia

OTS (Organization for Tropical Studies)

MUCIA (Midwest Universities Consortium for International Activities)

**Contacts at the University:**Contact who supplied information

Michael A. Gold  
 Director, International  
 Forestry Programs  
 Department of Forestry  
 126 Natural Resources Building  
 Michigan State University  
 East Lansing, Michigan 48824-1222  
 Phone: 517-353-4751  
 Fax: 517-336-1143  
 Telex: 650-264-1762 MCI  
 E-Mail: MGOLD@MSU.BITNET

Other Contacts

Donald R. Isleib  
 Associate Dean and Director  
 Institute of International  
 Agriculture  
 324 Agriculture Hall  
 Phone: 517-355-0174  
 Fax: 517-353-1888

Daniel E. Keathley, Chair  
 Department of Forestry  
 Phone: 517-355-0093

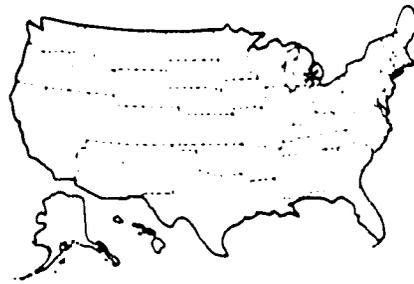
**Profile of Faculty**

The Department employs 25 permanent appointment on-campus faculty.  
 Of these, 9 have completed at least one cumulative year of professional foreign in-country experience.

Profiles of selected faculty members follow (See Appendix A for an explanation of abbreviations).

Name	Highest Degree and Year	Ranked Specialty Areas	Cumulative No. of Foreign Grad Students Advised To Degree Compl.	International In-country Experience Country, Time, Activity	Language Fluency 5 point scale
M. Gold	Ph.D. 1984	AGRO, SOCL TRIM, EDUC	3	Israel 1Y; Senegal 2W; Many American Countries (AID, RSCH, EDUC); Many Asian Countries (CONS, AID, RSCH).	Spanish 2.5 Hebrew 2.0
J. Vincent	Ph.D. 1988	FECN, NECN NATR, INTL	1	Malaysia 3M RSCH/BANK; Thailand 1M; Costa Rica 2W.	French 3.0
M. McDonough	Ph.D. 1980	SOCL, PARK COMM, RURL	10	Australia 1Y EDUC; Taiwan 1Y NAT; Dominican Rep 2W; Jamaica 2W.	Spanish 2.0
L. Leefers	Ph.D. 1981	LAUS, NECN FECN, POLY	5	Many Asian Countries Mil; Dominican Rep 2W.	
J. Hanover	Ph.D. 1966	TRIM, PHYS EDUC, AGRO	12	Indonesia 4M CONS/RSCH/EDUC; Many Asian and European countries.	German 2.0

D. Lantagne	Ph.D. 1984	SOIL, SILV REGN, ARID	1	Haiti 15M RESC/CONS; Jamaica 2W.	Haitian Creole 3.0 French 2.0
C. Ramm	Ph.D. 1978	MENS, MGMT COMP, EDUC	6	Dominican Rep 6W AID/RSCH; Pakistan 3W.	Spanish 2.5
P. Nguyen	Ph.D. 1978	SOIL, SILV AGRO, ENVT	-	Vietnam COB/EDUC/CONS/INST/MIL Many Asian Countries.	Vietnam. 5.0 French 2.5
K. Potter-Witter	Ph.D. 1981	NECN, FECH MGMT, LAUS	3	Dominican Rep 6M AID/UNIV/CONS.	Spanish 2.5
D. Dickmann	Ph.D. 1969	SILV, PLNT PHYS, FIRE	6	Brazil 1M CONS; Nepal 2W.	
M. Koelling	Ph.D. 1964	ENVT, AGRO SILV, MGMT	4	Dominican Rep 3M; Other American Countries.	Spanish 3.5
J. Kielbaso	Ph.D. 1968	URBN, SOCL EDUC, AGRO	5	Dominican Rep 4M; Nepal, Thailand, Malaysia, Philippines, W. Europe 2M ea; Honduras, Costa Rica 1M ea.	Spanish 2.0
O. Suchsland	Ph.D. 1956	PROD, SAWM SCND	10	Germany COB; Sweden 3Y; Brazil 6M; Indonesia 3M AID; Japan and China 2M ea.	German 5.0



## UNIVERSITY OF MICHIGAN

### School of Natural Resources (SNR)

Ann Arbor, Michigan

The School of Natural Resources promotes international activity through its research, curriculum, outreach and institutional linkages. Faculty research is conducted in Thailand, Oman, Gambia, the Caribbean (aquatic ecology/management), China, and Canada (terrestrial ecology and resource policy). Curricula at the SNR provide a sound basis in ecological levels of organization (e.g. species, community, ecosystem). SNR has implemented an innovative degree program in conservation biology and ecosystem management which is relevant to both developing and developed regions and features course work on international natural resource and environmental issues.

Outreach and training activities for international participants have been part of SNR's organization for more than thirty years. In collaboration with the U.S. Forest Service, SNR hosts the International Forestry Seminar. This annual five-week traveling seminar exposes senior representatives from forestry agencies in developing nations to issues, strategies, and techniques in North America which are relevant to sustained-yield forestry programs in their home countries.

With assistance from the United Nations and the MacArthur Foundation, the SNR and the Population Planning and International Health Department at the University of Michigan are engaged in an effort to better understand, hence better manage, the dynamic relationship between population and environment.

### Specialty Areas at the University

#### Within the School of Natural Resources

Aquatic Management/Science  
Agroforestry  
Conservation Biology & Ecosystem Management  
Environmental Advocacy - Education  
Forest Management/Science  
Fishery Management/Science

#### Supporting disciplines Available at the University

Land Use Planning  
Remote Sensing  
Natural Resource Economics  
Resource Policy  
Wildlife Management/Science

### Degree Programs and Accreditation

#### Certificate in Remote Sensing

Students earn a certificate by taking eighteen hours of coursework. No thesis is required. A baccalaureate degree is prerequisite.

#### Bachelor of Science Programs

Resource Ecology and Management  
Environmental Policy and Behavior

Landscape Design and Planning

#### Master of Science Programs

Aquatic Resources  
Remote Sensing  
Wildland Management  
Fishery Management/Science  
Resource Policy

Forest Management/Science  
Conservation Biology/Ecosystem Management  
Environmental Advocacy, Commun., and Education  
Resource Economics  
Wildlife Management/Science

A thesis, project, or practicum is required.

**Master of Landscape Architecture**

The MLA, accredited by the American Society of Landscape Architects (1990), includes options in Landscape Planning, Land Use Planning, Urban Design, Site Planning and Design, and Plants/Ecological Management. A thesis, project, or practicum is required.

**Master of Forestry Programs**

Accredited by the Society of American Foresters (1989), includes options in Biometrics, Forest Ecology, Forest Entomology, Forest Pathology, Remote Sensing, Silviculture, Social Forestry, Soils, Urban Forestry. A thesis, project, or practicum is required. (Generally a 1-year program for entrants holding a BSF; 2 years otherwise).

**Doctor of Philosophy Programs**

Landscape Architecture

Natural Resources

**Official Policy Toward Thesis Research in Home Country**

This is considered acceptable, and is frequently allowed.

**International Courses and Workshops**

Courses offered by the SNR which focus specifically on international resource issues, tropical studies, or other topics of interest to students from developing countries.

Course (C) Short Course (SC) or Workshop (W)	Undergrad, Graduate, or Mixed	Regular offering or by Demand	Credits	Times taught in the last five years	Range of Enrollment
Envir: History & Third World (C)	Mixed	Regular	3 cr	3	20-35
Global Envir: Systm, Issues, Perspc (C)	Mixed	Regular	3 cr	4	30-70
Agroforestry (C)	Mixed	Regular	3 cr	2	15-20
Population Envir. Dynamics (Seminar)	Graduate	Regular	2 cr	3	15-20
Wildland Management (C)	Mixed	Regular	3 cr	5	20-35
Eval. Social & Envir. Problems (C)	Graduate	Regular	3 cr	4	15-25
Managing Viable Populations (C)	Graduate	Demand	1 cr	1	10
Int'l Social Impact Assessmnt (C)	Graduate	Demand	3 cr	1	10
Issues Tropical Ecosystem (C)	Graduate	Demand	1 cr	1	10
Perspectives on Contemp Land Use in Central America (C)	Undergrad	Demand	2 cr	3	20-40

**Sr. Level Professional Programs / Integrated Course Studies**

Undergraduates may design their own dual-degree (double major) program in conjunction with several units within the College of Literature, Science, and the Arts (LSA). Such a program requires an extra year and results in two degrees: the BS (Natural Resources) and a BS or BA from the LSA.

**Requirements for Admission of Foreign Students**

Minimum TOEFL score, Graduate Students: 550 Undergraduates: 560

The MELAB test may be substituted for the TOEFL. Minimum score: 80 (both grad and undergrad)

The GRE is also required; Verbal and Quantitative scores must total 1000.

Undergraduates are required to take the SAT, and score at least 550 on the Quantitative section.

**Description of Student Body (1989 Figures)**

Discipline within SNR	Total No. of Students		No. of International students		No. of International students by geographical area				
	Grad	Undergr.	Grad	Undergr.	Latin America	Africa	Asia/ Pacific	Middle East	Other Countries
Natural Resources	-	271	-	3	-	-	3	-	-
Aquatics	10	-	1	-	-	-	1	-	-
Behavior	9	-	1	-	-	-	-	-	1
Biometrics	4	-	2	-	-	-	2	-	-
Environ. Advocacy	14	-	-	-	-	-	-	-	-
Environ. Educat.	25	-	2	-	-	-	1	-	1
Fisheries	6	-	1	-	-	-	1	-	-
Forestry	17	-	2	-	1	-	1	-	-
Land Architecture	36	-	5	-	-	-	4	-	1
Remote Sensing	11	-	5	-	1	-	3	-	1
Resource Econ	5	-	2	-	-	-	2	-	-
Resource Policy	51	-	3	-	1	-	-	-	2
Wildland Management	6	-	-	-	-	-	-	-	-
Wildlife	17	-	1	-	-	-	-	-	1

**Costs of Study and Funding Sources**

Out-of-State Tuition/Fees per Academic Year(1989 Figures): Graduate \$ 11,776 Undergraduate \$ 11,016.

Funding sources for foreign students:

For study in the United States:For fieldwork overseas:

<u>Funding Source</u>	<u>No. Foreign Students Funded</u>	<u>Funding Source</u>	<u>No. Foreign Students Funded</u>
Universities (partial)	12		
Foundations, PVOs	1	Foundations, PVOs	1
Self-supported	12		
Home Government	2		

There are no scholarships specifically for foreign students available at the University of Michigan.

**Facilities and Services for Foreign Students**

- \* The university maintains an international center, which handles most affairs for all international students.
- \* The School of Natural Resources conducts formal orientation programs, and provides academic, financial, and personal counseling (Sandra Gregerman, Coordinator; see Contacts Box)
- \* Formal English as a Second Language courses for credit, offered to enrolled students
- \* Intensive English language training capability
- \* Active international student organizations
- \* Information packets describing the university and surroundings are sent to incoming foreign students.

### Setting and Important Facilities of School

The University of Michigan is located in the mid-western town of Ann Arbor (120,000), a lively cultural community offering year-round musical, theatrical, and other art events. Ann Arbor is located about one hour's drive from Detroit and Windsor (Canada), and about four hours from Chicago and Toronto. The town is surrounded by countryside, recreational parks, and farmland.

Besides the SNR, the university maintains the Center for Population Planning, the Center for Research on Economic Development, and the Institute for Social Research.

### Formal/Informal Links with Foreign Institutions

The SNR maintains cooperative agreements with the College of Agronomy, National University of Benin; and the International Forestry Staff, USDA Forest Service. A Memorandum of Understanding exists between the university and the Asian Institute of Technology in Bangkok, Thailand.

### Involvement in International Consortia

OTS (Organization for Tropical Studies)

#### Contacts at the University:

##### Contact who supplied information

John R. Bassett  
School of Natural Resources  
University of Michigan  
Ann Arbor, MI 48109-1115  
Phone: 313-763-4570  
Fax: 313-763-4053  
Telex: 432-0815 U of MI

##### Other Contacts

Jan Burgess  
School of Natural Resources  
Phone: 313-764-1404

Sandra Gregerman  
Int'l Student Coordinator  
University of Michigan  
Phone: 313-764-6453

### Profile of Faculty

The School of Natural Resources employs 37 permanent appointment on-campus faculty. Of these, 15 have completed at least one cumulative year of professional foreign in-country experience.

Name	Highest Degree and Year	Ranked Specialty Areas	Cumulative No. of Foreign Grad Students Advised To Degree Compl.	International In-country Experiences Country, Time, Activity	Language Fluency 5 point scale
J.B. Burch	Ph.D. 1959	BIOL, BDIV ANIM, ENVT	7	Australia 2Y NAT; S. Pacific Islands 1Y RSCH; India, Japan 6M ea; Egypt 4M; Papua NG, Philippines, Yugoslav. 3M ea; Mexico, Jordan, Taiwan, Korea, Liberia, Ethiopia 2M ea; Spain, United Kingdom 1M ea; many additional weeks exp. in Africa, Asia, Europe with WHO, AID, and in RSCH.	

W. Drake	Ph.D. 1964	RURL, COMP RURH, POLY	45	Colombia, Indonesia 9M AID; Mexico 6M; Nepal, Sri Lanka 4M ea; Ecuador, Hong Kong, Thailand 3M ea; Australia, China, Singapore, Tanzania, Bolivia, Chile, Haiti, Honduras, Caribbean Venezuela United King- dom 2M ea; many additional months in Asia, Europe, Americas with AID, WHO, PVOs.	
B.V. Barnes	Ph.D. 1963	ENVT, BOTY SILV, TRIM	3	China NAT, RSCH; W.Germany NSF.	German 3.0
J. Diana	Ph.D. 1979	FISH, MARI ANIM, ENVT	4	Thailand 3M AID; Morocco 1M.	Spanish 2.0
C. Olson	Ph.D. 1969	REMS, MGMT FIRE, COAS	14	Many European Countries 2M RSCH, NAT; Costa Rica 2M; Panama, Thailand 1M; short visits to other African, Asian countries.	
P. Nowak	Ph.D. 1969	EDUC, COMM ENED, NARS	9	India 2M NPS.	
I. Perfecto	Ph.D. 1989	AGPI, AGRO IPMS, ENVT (as rel. 3rd World)	0	Puerto Rico 25Y COB; Nicaragua 2Y INST, RSCH; Costa Rica 6M; Peru 3W.	Spanish 5.0
T. Root	Ph.D. 1987	CBIO, ENVT BDIV, BIOL	0	Mexico 2M RSCH; Trinidad, Australia 1M ea.	
W. Stapp	Ph.D. 1963	ENVT, ENED NARS, WASH	18	Many African, Asian, European Near Eastern, American Countries as CONS (no details supplied).	Spanish 2.0
P. West	Ph.D. 1975	SOCL, RURL Nat Res Sociology	0	Benin 1W US Info. Agency	



## UNIVERSITY OF MINNESOTA

### College of Natural Resources

#### St. Paul, Minnesota

The College of Natural Resources has collaborated with projects funded by USAID and its predecessor. These have involved work in Morocco, Indonesia, India and South Korea, with graduate students from these countries. Faculty have also served as consultants overseas for the United Nations Food and Agricultural Organization (FAO), the World Bank, and foreign governments on numerous occasions. Graduate students from third world countries have come from the People's Republic of China, the Philippines, Pakistan, and Central and South American and African countries.

The college also has had a limited opportunity to participate in Title XII programming through the Office of International Agricultural Programs. As the perception of Title XII objectives is broadened, we anticipate growing involvement for parts of our programs such as watershed management, remote sensing, fuelwood, and agroforestry.

The college currently has a number of individual faculty involved in educational and research activities in Asia, Latin America, Europe, and to lesser extent, Africa and the Mid-East. In 1987, the college was awarded a grant of \$425,000 from the Pew Charitable Trusts for a three-year program of technical support to enhance the planning and implementation of forest-based projects and activities for sustainable development. The program is creating training materials, development assistance organizations and national resource management agencies in developing countries. Emphasis is on forestry strategies for introducing greater sustainability into development programs which involve the use of land and water resources.

#### Specialty Areas within the College of Natural Resources

Forest Management	Forest Economics
Fresh Water Fisheries	Hydrology
Forest Products, Wood Utilization	Mensuration, Inventory
Remote Sensing, Photogrammetry	Watershed Management
Tree Improvement, Genetics	Wildlife Management

#### Degree Programs and Accreditation

##### Bachelor of Science Programs

Forest Resources (accredited by the Society of American Foresters, 1935)	
Urban Forestry (accredited by the Society of American Foresters, 1985)	
Forest Products (accredited by the Society of Wood Science and Technology, 1985)	
Natural Resources & Environmental Studies	
Fisheries & Wildlife	Recreation Resource Management

##### Master of Science Programs

Fisheries	Forest Administration Policy
Forest Biometry	Forest Economics
Forest Hydrology	Forest Management
Forest Products	Forest Soils
Geographic Info. Systems	Recreation Resource Management
Remote Sensing	Silviculture
Tree Improvement/Genetics	Tree Physiology
Urban Forestry	Wildlife Conservation
Wood & Wood Fiber Science	

Both thesis and non-thesis options are offered in all MS programs.

Master of Forestry Programs

Forest Management

Doctor of Philosophy Programs

Ph.D. programs are offered in the same disciplines as the Master of Science.

**Official Policy Toward Thesis Research in Home Country**

The college discourages such research unless arrangements are made for frequent contact and guidance from advising faculty, both at the university and in the student's home country.

**International Courses and Workshops**

Courses or workshops offered by the college which focus specifically on international resource issues, tropical studies, or other topics of interest to students from developing countries.

Course (C) Short Course (SC) or Workshop (W)	Undergrad, Graduate, or Mixed	Regular offering or by Demand	Credits	Times taught in the last five years	Range of Enrollment
Role of Nat Res in Devel Countries (C)	Mixed	Regular	2 cr	3	30-35
Culture, Eenvt & Sustainable Devel (W)	Mixed	Demand	0 cr	1	new
Wood in World Energy Picture (C)	Mixed	Demand	2 cr	1	new
Important Tropical Wood (C)	Mixed	Demand	2 cr	1	5
Watershed Mgmt./Social Forestry (C)	Mixed	Demand	1 cr	3	6-12
Agroforestry (C)	Mixed	Demand	2 cr	2	21
Sustainable Dev. of Drylands (W)	Mixed	Demand	0 cr	1	12
Econ. Analysis of Forestry Projects (C)	Graduate	Regular	3 cr	5	3-5

**Sr. Level Professional Programs / Integrated Course Studies**

Forestry - Economics, Watershed Management - Economics, and Watershed Management - Planning.

**Requirements for Admission of Foreign Students**

Minimum TOEFL score, Graduate Students: 525 Undergraduate 450

Graduate students must score at least 550, or take comprehensive English tests upon arrival.

The GRE is required of all potential graduate students, but there is no minimum GRE score requirement. The university evaluates students based not only on GRE scores but also academic transcripts.

Additional Requirements for Undergraduate Students:

High school rank percentile + PSAT verbal + PSAT math = 140 or higher

High school rank percentile + SAT verbal/10 = 140 or higher

High school rank percentile + 2 times the ACT composite score = 100 or higher

While the above may not be required of all foreign undergraduate students, each will be considered on a case-by-case basis depending on country of origin.

### Description of Student Body (1989 Figures)

Discipline within College of NR	Total No. of Students		No. of International students		No. of international students by geographical area				
	Grad	Undergr.	Grad	Undergr.	Latin America	Africa	Asia/ Pacific	Middle East	Other Countries
Forest Resources	60	79	8	-	-	-	6	-	2
Fisheries & Wildlife	42	116	6	-	-	1	3	-	2
Forest Products	14	79	7	-	-	-	7	-	-
Urban Forestry	1	16	-	-	-	-	-	-	-
Recreation Mgmt.	5	23	-	-	-	-	-	-	-
Natural Resources & Env't. Science	-	10	-	-	-	-	-	-	-

### Costs of Study and Funding Sources

Out-of-State Tuition/Fees per Academic Year(1989 Figures): Graduate \$ 6,546 Undergraduate \$ 7,842

Funding sources for foreign students.

For study in the United States:

<u>Funding Source</u>	<u>No. Foreign Students Funded</u>
USAID	1
U.S. Gov't (not USAID)	9
Foundations, PVOs	2
Self-supported	2
Foreign government	2
NASA	1
Other	4

The University of Minnesota may provide some financial assistance (such as tuition waivers, cash awards or work opportunities) to enrolled international students rather than to new students. This is determined on a case-by-case basis.

### International Opportunities for U.S. Students

Formal exchange programs exist for education and research with the Institut Agronomique et Veterinaire Hassan II, Morocco; CATIE (Turrialba, Costa Rica); and the University of Freiturg, Germany. The university also maintains formal study abroad programs.

### Facilities and Services for Foreign Students

\* The University of Minnesota's Office of International Education seeks the active participation of foreign nationals on campus to enrich the academic experience, and promotes study abroad for American students. The office participates in international organizations that aim to strengthen foreign language acquisition, cross-cultural competencies, and international education in this country and abroad. Counseling and Advising offers individual advice to foreign students for academic, immigration and other concerns. It provides services mandated by federal immigration regulation and counseling for smooth reintegration into home countries.

- \* Formal international student orientation programs
- \* Family English language training (continuing ed)--survival English classes, etc.
- \* Intensive English language training capability
- \* Active international student organizations
- \* information packets describing the university and surroundings are sent to incoming foreign students.

### Setting and Important Facilities of School

Twin Cities campus, University of Minnesota, has an enrollment of about 47,000 with students coming from all over the USA and more than one hundred countries. Twin Cities campus is actually two campuses: St. Paul and Minneapolis. The College of Natural Resources is located on the St. Paul campus, which is the smaller of the two campuses. Students can take courses at either campus. Recreational areas in or near the Twin Cities include nine hundred lakes, five hundred parks, and three major rivers. Summer pastimes include swimming, canoeing, sailing, water skiing, hiking, and cycling. Winter pastimes includes cross-country skiing, skating, ice fishing, snow-shoeing, and winter camping. Cultural events in the Twin cities includes two major orchestras, the Minnesota Opera Company, three dance companies, and several theaters, film societies, and art museums.

The University of Minnesota maintains the Center for Natural Resources Policy and Management which includes the program on Forestry for Sustainable Development. The university has three international libraries: South Asia, East Asia, and Middle East and the International Agricultural Programs Office.

### Formal/Informal Links with Foreign Institutions

CATIE in Costa Rica and USAID in Morocco.

### Involvement in International Consortia

OTS (Organization for Tropical Studies)  
 MUCIA (Midwest Universities Consortium for International Activities)  
 IUFRO (International Union of Forestry Research Organizations)

### Contacts at the University:

#### Contact who supplied information

Ann Mayhew  
 Assistant to the Dean  
 College of Natural Resources  
 University of Minnesota  
 2003 Upper Buford Circle  
 St. Paul, MN 55108-1030  
 Phone: 612-624-0793  
 Fax: 612-624-8701

#### Other Contacts

Kenneth Brooks  
 College of Nat. Resources  
 University of Minnesota  
 Phone: 612-624-2774

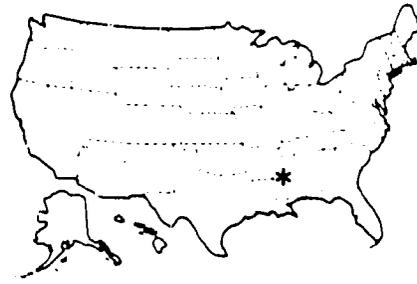
Ira Adelman  
 Dept. of Fisheries &  
 Wildlife  
 1980 Folwell Ave.  
 Phone: 612-625-5299

Office of Int'l Education  
 149 Nicholson Hall  
 216 Pillsbury Drive SE  
 Minneapolis, MN 55455  
 Phone: 612-624-5580  
 Fax: 612-626-1730

## Profile of Faculty

The College employs 43 permanent appointment on-campus faculty.  
Of these, 12 have completed at least one cumulative year of professional foreign in-country experience.

Name	Highest Degree and Year	Ranked Specialty Areas	Cumulative No. of Foreign Grad Students Advised To Degree Compl.	International In-country Experience Country, Time, Activity	Language Fluency 5 point scale
D. Rose	Ph.D. 1972	FECN, LAUS COMP, SOCL	3	Many Latin America Countries 2Y CONS/RSCH; Many European Countries 1Y RSCH; Japan 2M; Malaysia 2M; Morocco 1M; Kenya 2W; Thailand 2W.	German 5.0 Spanish 4.0 French 3.0
H. Gregerson	Ph.D. 1970	FECN, EECN NECN, POLY	25	Many Latin American Countries 2Y CONS/RSCH/BANK; Philippines, Korea 1M ea; Kenya 2W.	Spanish 3.0
R. Erickson	Ph.D. 1966	PROD, ENER SCND	8	Indonesia 3M RSCH; Guatemala 3M CONS; China 3M; Costa Rica 1M.	Spanish 3.0
J. Perry	Ph.D. 1981	BDIV, BIOL CBIO, ENVT	0	Costa Rica 2Y PC; CONS/RSCH in Many Latin American Countries 9M; Many European Countries 6M; Pakistan 4M; India 3M; Many Asian Countries 2M; Ghana 2M; Many African Countries 2M; Rawanda 1M.	Spanish 2.0
B. Franck	Ph.D. 1987	ENGN, Artif Intel.; Mech Properties of Wood Structural Design	1		French 5.0 English 4.0
J. L. D. Smith	Ph.D. 1984	CBIO, BDIV WLMG, LAUS	0	Nepal 5Y RSCH; Tanzania 2Y PC; Sudan 7M; India 5M.	Nepali 3.0
K. Brooks	Ph.D. 1970	WAS/ i, HYDR	3	Many Asian and Near Eastern Countries 3M AID & FAO; Morocco 3M CONS/RSCH.	
C. Blinn	Ph.D. 1984	MGMT, FECN COMP, EXTN	0	Rawanda, Central African Republic, 1M ea CONS; Jamaica 1M AID.	
E. Sucoff	Ph.D. 1960	PHYS, REGN ENVT, SILV	4	Indonesia 1Y EDUC; New Zealand 2M.	



## MISSISSIPPI STATE UNIVERSITY

### School of Forest Resources

#### Mississippi State, Mississippi

The School of Forest Resources at Mississippi State University offers several strong programs. The Tree Seed Technology Program, conducted in cooperation between the Southern Forestry Experiment Station of the U.S. Forest Service, includes faculty from the Department of Forestry who have taught short courses in Africa and Asia. Several U.S. Government agencies participate in the school's remote sensing program. The Mississippi Forest Products Laboratory is the largest non-federal laboratory in the United States, and offers research and teaching programs in solid wood products, reconstituted wood products, and environmental chemistry. The freshwater aquaculture research program provides technology for the state's large catfish farming industry.

#### Specialty Areas at the University

##### Within the School of Forest Resources

Fresh Water Fisheries  
Forest Products, Wood Utilization  
Seed Collection, Handling  
Silviculture  
Wildlife Management  
Forest Management/Economics

##### Supporting disciplines available at the University

Agronomy  
Computers, Data Processing  
Engineering  
Integrated Pest Management  
Soil Conservation

#### Degree Programs and Accreditation

##### Bachelor of Science Programs

Forest Products (accredited by the Society of Wood Science & Technology, 1987)  
Forestry (accredited by the Society of American Foresters, 1987)  
Fisheries Management

##### Master of Science Programs (approx. 2 years)

Wildlife Ecology (with an option in fisheries/aquaculture)  
Forestry  
Wood Science and Technology

##### Master of Forestry Programs

Forestry (with options in Economics and Management, Biometrics, Silviculture, and Remote Sensing)

##### Doctor of Philosophy Programs (approx. 4 years)

A Ph.D. is awarded in "Forest Resources" but doctoral students concentrate coursework and select research topics in one of the three departments in the School of Forest Resources (forestry, wood science and technology, or fisheries management.)

#### Official Policy Toward Thesis Research in Home Country

This is approved only in exceptional circumstances when adequate travel funds are available.

### International Courses and Workshops

Courses offered by the School of Forest Resources which focus specifically on international resource issues, tropical studies, or other topics of interest to students from developing countries.

Course (C) Short Course (SC) or Workshop (W)	Undergrad, Graduate, or Mixed	Regular offering or by Demand	Credits	Times taught in the last five years	Range of Enrollment
International Forest Resources (C)	Mixed	Regular	3 cr	1 (new)	14
Tree Seed (C)	Graduate	Regular	3 cr	2 (new)	4-12
Tree Seed (SC)	Graduate	Demand	1 cr	1	7

(Cost: \$ 750, 1 week)

### Requirements for Admission of Foreign Students

Minimum TOEFL score, Graduate Students: 475 Undergraduates: 525

Minimum GRE scores: Verbal 500 Quant. 500 Analyt. 500  
Although not required for foreign students, the GRE is highly recommended

### Description of Student Body (1989 Figures)

Discipline within School of FR	Total No. of Students		No. of International students		No. of international students by geographical area				
	Grad	Undergr.	Grad	Undergr.	Latin America	Africa	Asia/ Pacific	Middle East	Other Countries
Forestry	21	83	7	-	1	-	4	-	2
Wildlife	22	89	-	-	-	-	-	-	-
Fisheries	22	25	6	-	4	-	1	1	-
Wood Sci./ Tech.	15	20	10	-	-	1	9	-	-

### Costs of Study and Funding Sources

Out-of-State Tuition/Fees per Academic Year(1989 Figures): Graduate \$ 3,168

The Office of International Programs estimates the cost of a typical 2-year graduate program, including tuition/fees, expenses, books, but not including travel to/from native country, at \$ 36,870. A typical 3-year program is estimated at \$ 55,323.

Funding sources for foreign students:

#### For study in the United States:

<u>Funding Source</u>	<u>No. Foreign Students Funded</u>	
USAID	2	No funding sources are available for overseas fieldwork.
FAO	2	
Universities	3	
Foundations, PVOs	3	
Self-supported	4	
Home Government	9	

There are no scholarships specifically for foreign students available at Mississippi State University.

### International Opportunities for U.S. Students

The Office of International Programs offers and administers programs for students from the U.S.

### Facilities and Services for Foreign Students

- \* Office of International Programs (Mississippi State University)  
(Provides services for international students)
- \* Formal international student orientation programs
- \* Family English language training (continuing ed)--survival English classes, etc.
- \* Formal English as a Second Language courses for credit, offered to enrolled students
- \* Intensive English language training capability
- \* Active international student organizations
- \* Information packets describing the university and surroundings are sent to incoming foreign students.

### Setting of School

Mississippi State University is located in a rural setting, in a small, friendly town. The campus is within one day's drive from Atlanta, New Orleans, and Nashville. The small campus enrollment (13,000) permits personal attention and interaction between students and faculty.

### Involvement in International Consortia

SECID (Southeast Consortium for International Development)

#### Contacts at the University:

##### Contact who supplied information    Other Contacts

Dr. G. H. Weaver  
Assistant Dean  
School of Forest Resources  
P.O. Drawer FR  
Mississippi State University  
Mississippi State, MS 39762  
Phone: 601-325-2775  
Fax: 601-325-1215  
Telex: 601-325-8726

Dr. Roland A. Brown  
Int'l Programs Coord.  
P.O. Box 6342  
Mississippi State, MS 39762  
Phone: 601-325-3204  
Telex: 601-325-1215

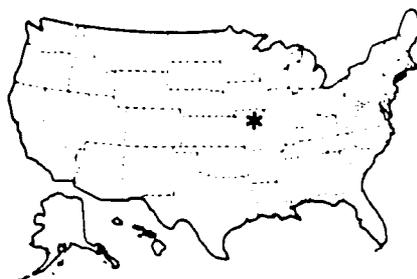
Dr. Douglas Richards  
School of Forest Resources  
Phone: 601-325-2946

## Profile of Faculty

The School of Forest Resources employs 43 permanent appointment on-campus faculty. Of these, 8 have completed at least one cumulative year of professional foreign in-country experience.

Profiles of selected faculty members follow (See Appendix A for an explanation of abbreviations).

Name	Highest Degree	Ranked Specialty Areas	Cumulative No. of Foreign Grad Students Advised To Degree Compl.	International In-country Experience Country, Time, Activity	Language Fluency 5 point scale
R.C. Vasishth	Ph.D.	PROD, PULP		India 3Y; Germany 2Y; Australia 1Y.	Hindi 5.0 Urdu 5.0
D.C. Jackson	Ph.D.	FISH Aquatic Ecol. Vertebr. Bio.		Malaysia 2Y PC, EDUC; Dominican Rep. 1Y CONS; Panama, Nepal, Australia, Indonesia, Kenya 1-2M ea.	Some Malay, Indonesian.
G.H. Weaver	Ph.D.	AGRO		Tanzania 1Y EDUC.	
R.L. Karr	Ph.D.	SILV, AGRO RANG, WLMG		Kenya 3Y A'D.	
W.F. Miller	Ph.D.	MGMT		Honduras, Costa Rica 1M ea EDUC.	
H.A. Jacobson	Ph.D.	WLMG, Wildlife Disease		Vietnam, Thailand 2Y MIL; Nepal 1Y Fulbright.	
F.W. Taylor	Ph.D.	Wood Sci.		South Africa 6M RSCH.	
D. Lym	Ph.D.	Wood Sci.		Kenya 6M EDUC.	



## UNIVERSITY OF MISSOURI

### School of Natural Resources

#### Columbia, Missouri

The School of Natural Resources possesses international expertise in all three of its programs. In forestry, the school's expertise extends to the study of heavy metal deposition from acid rain. Research is also presently underway in mensurational aspects and site quality for several areas in Central American forests. Research in social forestry and forestry-practice adoption has been conducted in Pakistan and Senegal. The agroforestry research program has an international reputation, although the only experience of faculty is through international consulting.

In fisheries and wildlife, the limnology program has conducted water quality studies in high-elevation lakes in numerous areas. Wildlife researchers have also carried out studies related to migratory bird management.

In recreation, the school's strength lies in tourism development and planning. Faculty have worked in a number of developing countries, assisting with industry development and advising students.

#### Specialty Areas at the University

##### Within the School of Natural Resources

Water Quality/Limnology  
Mensuration, Inventory  
Silviculture  
Soil Science  
Agroforestry

##### Supporting disciplines available at the University

Fresh Water Fisheries  
Plantation Management  
Policies, Institutions  
Social Forestry  
Watershed Management

#### Degree Programs and Accreditation

##### Bachelor of Science Programs

Forestry (with options in Forest Resource Management, Forest Recreation, Forestry "Flex" (accredited by the Society of American Foresters, 1987), and other non-accredited options in Urban Forestry and Industrial Forestry)

Fisheries and Wildlife (with options in Fisheries or Wildlife Science or Management)

Parks, Recreation and Tourism (with options in Park Programs and Operations, Leisure Studies, Travel and Tourism/Therapeutic Recreation; accredited by National Recreation and Parks Association)

##### Master of Science Programs

Forestry  
Parks, Recreation and Tourism  
Physiology  
Timber Management  
Social Forestry  
Limnology  
Recreation  
Therapeutic Recreation

Fisheries and Wildlife  
Agroforestry  
Economics  
Soils  
Fisheries  
Watershed Management  
Tourism

Both thesis (preferred) and non-thesis options are available.

##### Doctor of Philosophy Programs

Ph.D.s are offered in the same programs as the M.S. level.

### Official Policy Toward Thesis Research in Home Country

Such research is encouraged to a great extent. It is further complemented when the advisor is able to travel to the student's home country to supervise research design and implementation.

### International Courses and Workshops

Courses offered by the school which focus specifically on international resource issues, tropical studies, or other topics of interest to students from developing countries.

Course (C) Short Course (SC) or Workshop (W)	Undergrad, Graduate, or Mixed	Regular offering or by Demand	Credits	Times taught in the last five years	Range of Enrollment
Agroforestry Systems (C)	Mixed	Demand	3 cr	1	12
Social Forestry (C)	Mixed	Demand	3 cr	1	2

### Requirements for Admission of Foreign Students

Minimum TOEFL score for Graduate, Undergraduate Students: 500

Minimum raw GRE scores: Verbal 300 Quant. 450 Analyt. 400+

### Description of Student Body (1989 Figures)

Discipline within School of NR	Total No. of Students		No. of International students		No. of international students by geographical area				
	Grad	Undergr.	Grad	Undergr.	Latin America	Africa	Asia/ Pacific	Middle East	Other Countries
Forest	7	50	1	-	1	-	-	-	-
Fisheries & Wildlife	42	134	-	-	-	-	-	-	-
Park, Rec. & Tourism	-	166	-	-	-	-	-	-	-

### Costs of Study and Funding Sources

Out-of-State Tuition/Fees per Academic Year (1989 Figures): Graduate \$ 4,771 Undergraduate \$ 3,922

Funding sources for foreign students:

#### For study in the United States:

#### For fieldwork overseas:

<u>Funding Source</u>	<u>No. Foreign Students Funded</u>	<u>Funding Source</u>	<u>No. Foreign Students Funded</u>
CATIE/UMC	1	CATIE	1

No scholarships exist specifically for foreign students within the School of Natural Resources.

### International Opportunities for U.S. Students

SOPHIA, University of Tokyo, Japan; Missouri London Program, Great Britain; UMC Abroad, Taipei, Taiwan; UMC Intensive Spanish/Mexico, Guadalajara, Mexico.

### Facilities and Services for Foreign Students

- \* Honors/International House - living quarters specifically organized to place international students with U.S. honors students
- \* Center for International Programs and Studies  
(Contact: Dr. John D. Heyl, Director. See Contacts Box)
- \* Formal international student orientation programs
- \* Family English language training (continuing ed)--survival English classes, etc.
- \* Formal English as a Second Language courses for credit, offered to enrolled students
- \* Intensive English language training capability
- \* Active international student organizations
- \* Information packets describing the University and surroundings are sent to incoming foreign students.

### Setting and Important Facilities of School

The University of Missouri is located in Columbia, a moderately sized city with a temperate climate. The community provides ample married housing and openly accepts international students.

The School of Natural Resources maintains an international agriculture reference collection in the library, as well as several forestry, fisheries and wildlife research areas. An agroforestry plantation and study area for temperate agroforestry black walnuts are also located at the school.

### Formal/Informal Links with Foreign Institutions

CATIE, Turrialba, Costa Rica  
Pakistan Forest Institute, Peshawar, Pakistan

### Involvement in International Consortia

OTS (Organization for Tropical Studies)  
MIAC (Mid-America International Agricultural Consortium)

#### Contacts at the University:

##### Contact who supplied information

W. B. Kurtz  
Professor of Forestry  
School of Natural Resources  
1-30 Agriculture  
University of Missouri  
Columbia, MO 65211  
Phone: 314-882-4567  
Fax: 314-882-1977  
Telex: 704876 UMINTL AGUD

##### Other Contacts

G. S. Henderson  
Professor of Forestry  
School of Natural Resources  
Phone: 314-882-3372

J. R. Jones  
Professor of Fisheries  
School of Natural Resources  
Phone: 314-882-3543

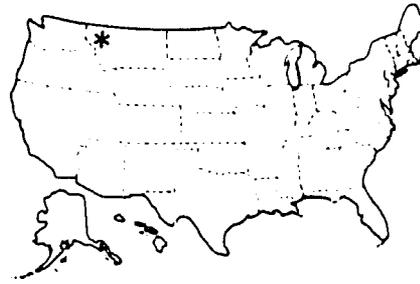
Dr. John Heyl, Director  
Center for Int'l Studies  
& Programs  
208 Lowry Hall  
University of Missouri  
Columbia, MO 65211

### Profile of Faculty

The College of NR employs 33 permanent appointment on-campus faculty.  
Of these, 3 have completed at least one cumulative year of professional foreign in-country experience.

Profiles of selected faculty members follow (See Appendix A for an explanation of abbreviations).

Name	Highest Degree and Year	Ranked Specialty Areas	Cumulative No. of Foreign Grad Students Advised To Degree Compl.	International In-country Experience Country, Time, Activity	Language Fluency 5 point scale
B. Cutter	Ph.D. 1979	PROD, FIRE HARV, SAWM	3	Tunisia 1W CONS.	French 2.5
J. Jones	Ph.D. 1974	FISH, ENVT NARS, WASH	1	Nepal 5M RSCH; Thailand 1M; Costa Rica 1M.	French 2.0
W. Kurtz	Ph.D. 1971	AGRO, POLY SOCL	5	Costa Rica 2M CONS/EDUC; Pakistan 1M; Portugal 1M.	
H.E. Garrett	Ph.D. 1970	AGRO, SILV NARS, NATR	3	Japan 2Y MIL.	French 2.0
E. Fritzell	Ph.D. 1976	WLMG, NARS COAS, EDUC	0	Iceland 2M CONS.	
M. Masek	M.S. 1973	HORT, LAUS PARK	1	United Kingdom 2M EDUC; France, W. Germany, Italy, Caribbean 1M ea.	
D. Galat	Ph.D. 1982	FISH, ENVT BDIV, NARS	1	Mexico 3M RSCH; Kenya, Australia, Spain 1M ea.	
K. Lowell	Ph.D. 1985	MGMT, REMS NATR	1	Central American Countries 3Y EDUC; New Zealand 3Y STU.	Spanish 2.5
G. Weaver	M.S. 1970	EDUC, EXTN Tourism Devl./Plan. COMM	2	India ENED; Caribbean Tourism Devel.	
S. Lamphear	Ph.D.	EDUC Forest Recreation COMP	0	Germany, France 1M, EDUC; Pacific Islands, South Korea, Japan 1M.	



## UNIVERSITY OF MONTANA

### School of Forestry

Missoula, Montana

#### Specialty Areas at the University

##### Within the School of Forestry

Fire Management  
Natural Resource Management  
Parks, Wildlands Management  
Social Forestry  
Wildlife Management

##### Supporting disciplines available at the University

Biology  
Environmental Economics  
International Affairs,  
Political Science  
Personnel Management

#### Degree Programs and Accreditation

##### Bachelor of Science Programs

Forestry (with options in range management and forest resources management; this last option has been accredited by the Society of American Foresters since 1935)  
Recreation Management (with options focusing on program planning or land management for recreation)  
Resources Conservation  
Wildlife Biology

##### Master of Science Programs

Forest Resources Management  
Resources Conservation  
Recreation Management

Both thesis and non-thesis options are offered in all disciplines.

##### Master of Forestry Programs

An MF is offered in Forestry, with both thesis and non-thesis options.

Both thesis and non-thesis options are offered in all disciplines.

##### Doctor of Philosophy Programs

Forest Resources Management  
Wildlife Biology  
Recreation Management  
Range Management

#### Official Policy Toward Thesis Research in Home Country

This is allowed; however, the university stresses that the student must play a major part in the planning and execution of the thesis study.

#### Sr. Level Professional Programs / Integrated Course Studies

Senior level coursework is offered in integrated resource management, forest planning, and project planning.

## Requirements for Admission of Foreign Students

Minimum TOEFL score, Graduate and Undergraduate Students: 490

Note: if the TOEFL score is less than 580, the student must take a course in English as a Second Language.

Minimum GRE scores: Verbal 500 Quant. 500 Analyt. ---

Note: In general, GRE scores must total 1000 (MS candidates) and 1100 (Ph.D. candidates), with scores well balanced between the two. However, GRE requirements are somewhat more flexible for foreign students.

## Description of Student Body (1989 Figures)

Discipline within School of Forestry	Total No. of Students		No. of International students		No. of international students by geographical area				
	Grad	Undergr.	Grad	Undergr.	Latin America	Africa	Asia/ Pacific	Middle East	Other Countries
Forestry	37	183	3	-	-	1	-	-	2
Resource Conserv.	3	23	-	-	-	-	-	-	-
Recreation	8	63	-	-	-	-	-	-	-
Wildlife Biology	22	170	-	-	-	-	-	-	-

## Costs of Study and Funding Sources

Out-of-State Tuition/Fees per Academic Year(1989 Figures): Graduate \$ 1,173 Undergraduate \$ 1,173

There are no scholarships specifically for foreign students available at the University of Montana.

## International Opportunities for U.S. Students

Montana participates in the U.S. Peace Corps Fellowship Program, which allows graduate students with one year of course work to apply for two-year Peace Corps assignments. Data collected during the assignment becomes the basis of a Master's Professional Paper (this is a non-thesis option). Open to U.S. citizens only.

## Facilities and Services for Foreign Students

- \* The University of Montana maintains an office of International Student Services staffed by an International Programs Coordinator.
- \* Formal international student orientation programs
- \* Active international student organizations
- \* Information packets describing the university and surroundings are sent to incoming foreign students.

## Setting and Important Facilities of School

The campus of the University of Montana is attractive, and offers a semi-rural setting with trees and open areas. Missoula, with a population of about 70,000, is located in a mountain valley. Many services are available, yet it retains the flavor of a small town. Outdoor recreation opportunities exist close to campus for both summer and winter sports enthusiasts. The university maintains the Lubrecht Experimental Forest and Yellow Bay Biological Station, which may be used for field studies and student and faculty research.

### Formal/Informal Links with Foreign Institutions

The University of Montana sustains close ties with university programs at the Colegio de Postgraduados (Chapingo, Mexico) and Universidad para Paz (Costa Rica).

#### Contacts at the University:

##### Contact who supplied information

Dr. Ed Burke, Assoc. Dean  
School of Forestry  
University of Montana  
Missoula, MT 59812  
Phone: 406-243-5521  
Fax: 406-243-4510

##### Other Contacts

Dr. Tom Nimlos  
School of Forestry  
Phone: 406-243-6611

Dr. Peter Koehn  
International Programs Coord.  
University of Montana  
Phone: 406-243-2288

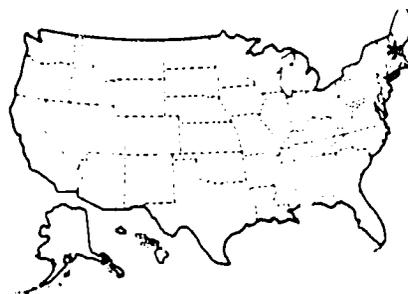
### Profile of Faculty

The School of Forestry employs 22 permanent appointment on-campus faculty. Of these, 4 have completed at least one cumulative year of professional foreign in-country experience.

Profiles of selected faculty members follow (See Appendix A for explanation of the abbreviations).

Name	Highest Degree and Year	Ranked Specialty Areas	Cumulative No. of Foreign Grad Students Advised To Degree Compl.	International In-country Experience Country, Time, Activity	Language Fluency 5 point scale
N. Stark	Ph.D. 1962	Nutrient Cycling Forest Nutrition SOIL PHYS	1	Brazil 6M; Australia 6M; Caribbean 2M; Venezuela 2M; Colombia, Peru, Surinam 1M ea; Panama 2W.	Spanish 2.5
R. Ream	Ph.D. 1963	WLMG, PARK NARS, INTL	2	Thailand, India, Philippines 1Y ea STU; Taiwan 3M; Thailand 1M; Soviet Union 1M.	
E.E. Willard	Ph.D. 1971	ENED, NARS, RANG, REMS	2	Argentina 18M EDUC; France 1M.	Spanish 3.0
T.J. Nimlos	Ph.D. 1959	SOIL, SCON EDUC, WASH	0	Chile 2Y PC; Mexico 1Y RSCH.	Spanish 3.0

S. McCool	Ph.D. 1970	PARK, NARS	0	Australia, New Zealand, 1M EDUC.
R.D. Pfister	Ph.D. 1972	ENVT, SILV NATR, NARS	0	1 mo. ea in Soviet Union, W. Germany, Norway, South Africa.
A.G. McQuillan	Ph.D. 1981	LAUS, NARS	0	United Kingdom COB, INDY, STU.
D.H. Jackson	Ph.D. 1975	FECN, EECN NECN, MGMT	0	Canada 2Y EDUC.
R.H. Wakimoto	Ph.D. 1978	FIRE, ENVT NARS, PARK	6	
D.H. Pietscher	Ph.D. 1982	WLMG, EDUC ENVT, ENED	0	India 1M FWS; Pakistan 3W.
S. Running	Ph.D. 1979	REMS, ENVT PHYS, COMP	1	Austria 9M; W.Germany 2M; France 1M; Cameroon 1M.



## UNIVERSITY OF NEW HAMPSHIRE

Forest Resource Department

Durham, New Hampshire

### Specialty Areas at the University

#### Within the Forest Resource Department

Environmental Conservation  
Forest Management  
Mensuration, Inventory  
Soil Science  
Wildlife Management

#### Supporting disciplines available at the University

Conservation Biology  
Natural Resource Economics  
Land Use Planning, Environmental Assessment  
Natural Resource Management  
Remote Sensing, Photogrammetry

### Degree Programs and Accreditation

#### Bachelor of Science Programs

Forestry with options in forest management and forest science (accredited by the Society of American Foresters, 1988)  
Environmental Conservation with options in environmental affairs or environmental science  
Water Resource Management with options in water quality, wetlands, watershed management  
Wildlife with options in habitat and population ecology and management  
Soil Science

#### Certificate of Soils Studies

Designed for professionals having a B.S. or higher degree in areas other than soils, but wanting formal soils training.

#### Master of Science Programs (approx. 2 years)

Soil Science  
Forestry  
Wildlife

Both thesis or non-thesis programs are offered.

#### Doctor of Philosophy Programs (approx. 3-4 years)

Natural Resources

### Official Policy Toward Thesis Research in Home Country

Thesis research in home country is allowed and encouraged with appropriate supervision

### Requirements for Admission of Foreign Students

Minimum TOEFL score, Graduate and Undergraduate Students: 500  
GRE scores are not required.

## International Courses and Workshops

Courses offered by the Forest Resources Department which focus specifically on international resource issues, tropical studies, or other topics of interest to students from developing countries.

Course (C) Short Course (SC) or Workshop (W)	Undergrad, Graduate, or Mixed	Regular offering or by Demand	Credits	Times taught in the last five years	Range of Enrollment
Endangered Forests (C)	Undergrad	Regular	4 cr	3	60-80
Natural Resources Policy (C)	Mixed	Regular	4 cr	5	10-30
Contemporary Cons. Issues (C)	Undergrad	Regular	4 cr	10	60-150
Seminars in Intl Env. Policy (C)	Graduate	Demand	1-4 cr	3	5-15

## Description of Student Body (1989 Figures)

Discipline within FR Dept.	Total No. of Students		No. of International students		No. of international students by geographical area				
	Grad	Undergr.	Grad	Undergr.	Latin America	Africa	Asia/ Pacific	Middle East	Other Countries
Forestry	17	26	-	-	-	-	-	-	-
Wildlife	9	48	1	-	-	-	-	-	1
Water Res. Mgmt.	10	-	-	-	-	-	-	-	-
Soil Science	12	6	1	-	-	1	-	-	-
Env. Cons.	-	109	-	2	-	-	-	-	-

## Costs of Study and Funding Sources

Out-of-State Tuition/Fees per Academic Year(1989 Figures): Graduate \$ 8,744 Undergraduate \$ 8,804

Funding sources for foreign students:

### For study in the United States:

<u>Funding Source</u>	<u>No. Foreign Students Funded</u>
Universities	1

There are no scholarships specifically for foreign students available at the University of New Hampshire.

## International Opportunities for U.S. Students

A program is administered through the Center for International Studies - Hood House. Graduate Assistantships are available through the U.S. Peace Corps.

## Facilities and Services for Foreign Students

- \* International Student Office
  - Provides all immigration services and academic, cultural and social orientation, and serves as a liaison between students and community.
- \* Formal international student orientation programs
- \* Family English language training (continuing ed)--survival English classes, etc.

- \* Intensive English language training capability
- \* Active International student organizations
- \* Community groups - Host Family and International Friendship Group
- \* Information packets describing the university and surroundings are sent to incoming foreign students.

### Setting and Important Facilities of School

The University of New Hampshire has an enrollment of 11,000 and is situated in a small New England town of 6,000. It is located in a beautiful geographic setting, with ocean and mountains nearby, and is only one hour from Boston with its many historic sites.

Among the facilities for international students are the Smith Hall International Center, the UNH International Newsletter, and the Program for International Perspectives.

### Involvement in International Consortia

NECID (Northeast Council for International Development)

#### Contacts at the University:

<u>Contact who supplied information</u>	<u>Other Contacts</u>	
William W. Mautz, Chair Dept. of Forest Resources 215 James Hall University of New Hampshire Durham, NH 03824 Phone: 603-862-1020	David L. Howell, Chair Voc Tech Adult Education 316 James Hall Univ. of New Hampshire Phone: 603-862-1700	Stuart A. Churchill-Hoyer Int'l Student Affairs Huddleston Hall Univ. of New Hampshire Phone: 603-862-2050

### Profile of Faculty

The Department of Natural Resources employs 22 permanent appointment on-campus faculty. Of these, 6 have completed at least one cumulative year of professional foreign in-country experience. Profiles of selected faculty members follow (See Appendix A for an explanation of abbreviations).

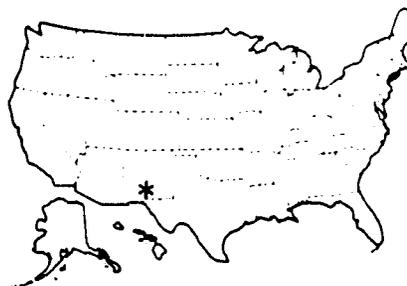
Name	Highest Degree and Year	Ranked Specialty Areas	Cumulative No of Foreign Grad Students Advised To Degree Compl.	International In-country Experience Country, Time, Activity	Language Fluency 5 point scale
W. Mautz	Ph.D. 1969	WLMG, ENED ENVT, NARS	4	Several Asian Countries 7.5M RSCH; Several European Countries 3.5M; Several African Countries 1.5M; Israel 1M; India 1M; Australia/ New Zealand 2M.	
J. E. Carroll	Ph.D. 1974	ENED, POLY INTL, NARS	0	Many European Countries 2M RSCH; Brazil 2W; Jamaica 2W.	French 2.0

T. Howard	Ph.D. 1982	NATR, FECN POLY, LAWS	5	Japan 3W RSCH; United Kingdom 2W.	French 2.0 Japanese 2.0
C. T. Smith	Ph.D. 1984	SOIL, ENVT EDUC, SILV		Caribbean Islands 1M RSCH.	Spanish 3.0
W. B. Bowden	Ph.D. 1962	WASH, HYDR LAUS	0	Argentina 1Y STU; Peru 1M; Caribbean Islands 1M.	Spanish 2.0
J. Barrett	Ph.D. 1962	BDIV, MENS CBIO, SOIL	0	Switzerland 3M RSCH; West Germany 1M.	German 2.5
R. Harter	Ph.D. 1966	SOIL, SCON LAUS, AGRN	1	Benelux 1Y RSCH.	
B. Rock	Ph.D. 1972	BOTY, PHYS	3	West Germany 4M RSCH; Austria 1M; Venezuela 2M.	
N. Engalichev	M.S. 1960 SCND, ENER	PROD, SAWM		Many African Countries 3M CONS; Afghanistan 1M; Many European Countries 3W; Poland 3W; U.S.S.R. 3W Caribbean Islands 3W; Peru 3W.	French 4 Russian 4 Spanish 2.5 Italian 2.5 Czech 2.0
J. L. Hill	D. For 1954	PROD, SAWM SCND	4	Sweden 1W RSCH.	

**NEW MEXICO STATE UNIVERSITY**

**Department of Agronomy  
and Horticulture**

**Las Cruces, New Mexico**

**Specialty Areas at the University**

Within the  
Department of Agronomy & Horticulture

Agriculture  
Agroforestry  
Arid Zone Forestry  
Horticulture  
Nurseries

Supporting disciplines  
available at the University

Natural Resource Economics  
Irrigation  
Plant Physiology  
Range Management, Livestock  
Regeneration  
Soil Science

**Degree Programs and Accreditation**Bachelor of Science Programs

Horticulture  
Soil Science  
Ag. Economics

Agronomy  
Range Science  
Ag & Extension Education

Master of Science Programs (approx. 2 years)

M.S. degrees are offered in the same disciplines as the B.S.

Thesis and non-thesis options available.

Doctor of Philosophy Programs (approx. 3 years)

Agronomy

Range Science

**International Courses and Workshops**

Courses offered by the department which focus specifically on international resource issues, tropical studies, or other topics of interest to students from developing countries.

Course (C) Short Course (SC) or Workshop (W)	Undergrad, Graduate, or Mixed	Regular offering or by Demand	Credits	Times taught in the last five years	Range of Enrollment
Range Management (C)	Mixed	Regular	6 cr	5	14-30
Keys Agricultural Develop. (C)	Mixed	Regular	2 cr	5	12-24
Data Base Management (C)	Graduate	Regular	2 cr	4	12-18
Irrigation Design (C)	Mixed	Regular	2 cr	2	4-10
Ag Directions Administration (C)	Mixed	Demand		1	20
Beekeeping (C)	Mixed	Demand		2	5-15

### **Official Policy Toward Thesis Research in Home Country**

The department strongly supports research in a student's home country. Visits to the home country by a student's advisor are also supported, if funds permit.

### **Requirements for Admission of Foreign Students**

Minimum TOEFL score, Graduate and Undergraduate Students: 500

No information was available pertaining to GRE scores.

### **Costs of Study and Funding Sources**

Out-of-State Tuition/Fees per Academic Year(1989 Figures): Graduate \$ 5,800 Undergraduate \$ 5,600

There are no scholarships specifically for foreign students available at New Mexico State University.

### **Facilities and Services for Foreign Students**

- \* Center for International Programs
  - Handles international admission, immigration, orientation, community programs and counseling for international students.
- \* Formal international student orientation programs
- \* Family English language training (continuing ed)--survival English classes, etc.
- \* Formal English as a Second Language courses for credit, offered to enrolled students
- \* Intensive English language training capability
- \* Active international student organizations
- \* Community outreach programs
- \* Information packets describing the university and surroundings are sent to incoming foreign students.

### **Setting and Important Facilities of School**

Las Cruces, home of New Mexico State University, is the 10th fastest growing metropolitan area in the U.S., with a population of 75,000. It is located 1.5 hours from the Gila and Lincoln National Forests, and is also close to Mexico, Ruidoso, Carlsbad Caverns National Park and White Sands National Monument. The Rio Grande irrigation system traverses the county. Facilities of special interest include the Plant Genetic Engineering Lab and several research stations.

### **Formal/Informal Links with Foreign Institutions**

The department maintains Memoranda of Understanding with the University of Chihuahua and universities in several other countries, including Chile and Egypt, and is also involved in technical assistance projects in Egypt, Yemen, Bolivia, Niger, and Honduras. It also conducts training programs for USDA, USAID, FAO, World Bank, and the U.S. Peace Corps.

### **Involvement in International Consortia**

CID (Consortium for International Development)

**Contacts at the University:**Contact who supplied informationOther Contacts

John Mexal  
 Box 30003  
 Department of Agronomy and  
 Horticulture  
 New Mexico State University  
 Las Cruces, NM 88003  
 Phone: 505-646-3335  
 Fax: 505-646-6041

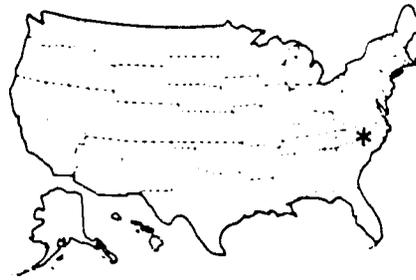
Paul E. Huntsberger Box 30001, Dept. 3567 New Mexico State University Phone: 505-646-4735 Fax: 505-646-1517 Telex: TWX-910-983-0549	Harold Matteson Box 30001, Dept. 3567 New Mexico State University Phone: 505-646-3199 Fax: 505-646-1517 Telex: TWX 910-983-0549
--	--

**Profile of Faculty**

The Department of Agriculture and Horticulture employs 125 permanent appointment on-campus faculty.

Profiles of selected faculty members follow (See Appendix A for an explanation of abbreviations).

Name	Highest Degree and Year	Ranked Specialty Areas	Cumulative No. of Foreign Grad Students Advised To Degree Compl.	International In-country Experience Country, Time, Activity	Language Fluency 5 point scale
J. Mexal	Ph.D. 1974	NURS, REGN ARID, PHYS	0	New Zealand 2W RSCH; Mexico, Honduras, India 2W ea.	
B. Buchanan	Ph.D. 1972	SOIL, NATR NARS, ARID	2	Mexico 2W RSCH.	
G. B. Donart	Ph.D. 1968	RANG, EDUC ENVT, NARS	0	Many African Countries 2M AID; Pakistan 2W; Mexico.	
R. D. Pieper	Ph.D. 1963	RANG, ENVT NARS, REMS	66	Niger 2M AID; People's Republic of China 3W; Many West Africa Countries.	



## **NORTH CAROLINA STATE UNIVERSITY**

### **College of Forest Resources**

**Raleigh, North Carolina**

Individual faculty in the College of Forest Resources, NCSU, have been internationally active for more than thirty years, particularly in Latin America. Foreign graduates of the college have returned to their home countries to become national leaders in forest genetics, pulp and paper technology, biometry and administration.

The Central America and Mexico Coniferous Resources Cooperative (CAMCORE) is headquartered in the college. For the past decade, CAMCORE has collected seed from endangered tree species in Latin America and helped establish conservation banks and provenance/progeny tests on cooperators' lands in South America and Africa.

The Forest Private Enterprise Initiative, also partially housed in the college, is a pilot project providing technical assistance to forest-based private enterprise in Ecuador and Guatemala. FPEI research has led to publication of over fifty working papers on a variety of related topics.

Established in 1987, the Office of International Forestry Programs coordinates the college's international involvement in research, education and technology transfer. This office maintains an international programs network through distribution of a periodic newsletter, *Sylvanet*.

The college is also involved in a joint initiative with Duke University to offer an integrated graduate program in conservation and sustainable development. The program offers students from a wide array of disciplines at both universities a menu which combines academic course work with overseas opportunities for field research, training and extension. International research efforts include work in agroforestry in combination with the NCSU TropSoils Program.

### **Specialty Areas at the University**

#### Within the College of Forest Resources

Plantation Management  
Pulp and Paper  
Remote Sensing, Photogrammetry  
Silviculture  
Tree Improvement, Genetics

#### Supporting disciplines available at the University

Agriculture  
Agroforestry  
Conservation Biology  
Natural Resource Economics  
Soil Science

### **Degree Programs and Accreditation**

#### Bachelor of Science Programs

Forestry (accredited by Society of American Foresters, 1937-1989)  
Wood Science & Technology (accredited by Society of Wood Science & Technology, 1984)  
Recreation Resources Administration (accredited by National Recreation and Park Association)  
Natural Resource Management/Conservation  
Pulp and Paper Science and Technology

Various concentrations are available, and some programs allow a double major in another field.

#### Master of Forestry Programs (approx. 2 years)

Forest Genetics and Tree Breeding  
Silviculture  
Watershed Management  
Wildlife Habitat Management

Forest Soils and Fertilization  
Forest Economics  
Mensuration  
Resource Management

**Master of Science Programs (approx. 2 years)**

Forest Genetics and Tree Breeding	Forest Soils and Fertilization
Silviculture	Forest Economics
Watershed Management	Mensuration
Wildlife Habitat Management	Resource Management
Pulping and Bleaching	Chemistry
Environmental Engineering	Fiber Physics and Wood Chemistry
Public Recreation Resources Management	Recreation and Community Schools Management
Natural Resources Recreation Management	Commercial Recreation Management
Recreation Systems Planning and Analysis	

All options require a thesis

**Master of Wood and Paper Science (approx. 2 years)**

Both thesis and non-thesis programs are offered.

**Master of Recreation Resources Administration (approx. 2 years)****Doctor of Philosophy Programs (approx. 4 years)**

Forest Genetics and Tree Breeding	Forest Soils and Fertilization
Silviculture	Forest Economics
Watershed Management	Mensuration
Wildlife Habitat Management	Resource Management
Pulping and Bleaching	Chemistry
Environmental Engineering	Fiber Physics and Wood Chemistry

**Official Policy Toward Thesis Research in Home Country**

No written policy exists. However, international students are highly encouraged to conduct thesis research in their home country, and the university offers assistance in identifying potential funding sources. If the student is funded by departmental assistantship or domestic grant/contract, the research site must be approved by the student's graduate committee. In addition, there is a campus residency requirement of a minimum of one full academic year.

**International Courses and Workshops**

Courses or workshops offered by the department which focus specifically on international resource issues, tropical studies, or other topics of interest to students from developing countries.

Course (C) Short Course (SC) or Workshop (W)	Undergrad, Graduate, or Mixed	Regular offering or by Demand	Credits	Times taught in the last five years	Range of Enrollment
Agroforestry (C)	Graduate	Regular	3 cr	1	30
Tropical Forestry (C)	Graduate	Regular	3 cr	1	20
Tropical Woods (C)	Graduate	Regular	3 cr	3	10-20
Conservation & Sus. Dev. (C)	Graduate	Regular	3 cr	1	20-40
Tropical & Subtropical For. (SC)	Mixed	Demand	0 cr	2	20-30
Forest Tree Improvement (SC)	Mixed	Demand	0 cr	1	20-30
Tropical Forestry Issues (W)	Mixed	Regular	1 cr	3	30-60
<u>Eucalyptus</u> Workshop (W)	Mixed	Demand	0 cr	1	20
Biotech. for Pulp/Paper Prod. (W)	Mixed	Regular	0 cr	2	50+
Conservation and Sus. Dev. (W)	Mixed	Regular	1 cr	1	60-80

**Sr. Level Professional Programs / Integrated Course Studies**

There is much flexibility in the program to allow for integrated studies with other departments/fields.

Conservation and Sustainable Development (CONSUSD) imparts strong technical skills in chosen disciplines and the conceptual and practical ability to implement development and conservation programs.

The Forest Biotechnology Program and the Tissue Culture Program - genetic engineering and molecular biology of wood products.

The Atmospheric Impacts Research Program - studies the effect of human-induced changes on terrestrial and aquatic ecosystems.

**Requirements for Admission of Foreign Students**

Minimum TOEFL score, Graduate Students: 550 Undergraduate Students: 500

GRE scores are required for the admission of foreign students, but no minimum score is required.

**Description of Student Body (1989 Figures)**

Discipline within College of FR	Total No. of Students		No. of International students		No. of international students by geographical area				
	Grad	Undergr.	Grad	Undergr.	Latin America	Africa	Asia/ Pacific	Middle East	Other Countries
Forestry	93	143	27	-	8	2	14	-	3
Nat. Res. Cons.	-	21	-	1	1	-	-	-	-
Pulp & Paper	-	174	-	-	-	-	-	-	-
Rec. Res. Mgmt.	45	126	4	1	-	-	3	-	1
Wood Sci. & Tech.	22	37	16	-	1	1	13	1	-

**Costs of Study and Funding Sources**

Out-of-State Tuition/Fees per Academic Year(1989 Figures): Graduate \$ 6,112 Undergraduate \$ 6,100

Funding sources for foreign students:

For study in the United States:

<u>Funding Source</u>	<u>No. Foreign Students Funded</u>
USAID	2
U.S. Gov't (not USAID)	6
Universities	15
Foundations, PVOs	4
Self-supported	7
Home Government	12

The Gunnar and Lillian Nicholson Endowment provides graduate fellowships for Swedish graduate students to study forest management and forest genetics at NCSU and allows U.S. students to study in Sweden.

### **International Opportunities for U.S. Students**

NCSU Study Abroad Office offers programs in England, Mexico, France, Germany, Spain, Japan and Togo. Through the International Student Exchange Program (ISEP), undergraduates may study one year at one of seventy-eight institutions in Africa, Asia, Australia, Canada, Europe, and Latin America. The Council on International Education Exchange sponsors summer or short-term (3-6 months) employment for students in England, Ireland, France, Germany, Costa Rica and New Zealand.

### **Facilities and Services for Foreign Students**

- \* Office of International Programs
  - Coordinates international visiting scholar affairs, among other duties
- \* Office of International Forestry Programs
  - Coordinates international activities of the College of Forest Resources
- \* International Student Office
  - Coordinates international student affairs for entire campus.
- \* Formal international student orientation programs
- \* Formal English as a Second Language courses for credit, offered to enrolled students
- \* Intensive English language training capability
- \* Active international student organizations

### **Setting and Important Facilities of School**

The university is located in Raleigh, the capital city of North Carolina (pop. 150,000). Raleigh is located in the foothills, several hours from the Atlantic coast to the east and the Appalachian mountains to the west. There are over 1,000 international students from ninety countries at NCSU, and many active international student organizations and study groups exist. The university is located near the Research Triangle, a complex of three major research universities (NCSU, Univ. of North Carolina, and Duke University) and organizations such as the National Institute of Environmental Health Science and the Environmental Protection Agency. Faculty and graduate students work closely with many of the companies at the Research Triangle. In addition, North Carolina State University, the University of North Carolina, and Duke University have an inter-institutional registration agreement that allows students to take courses at the other institutions upon recommendation by their advisory committee.

Among facilities and services at NCSU is the new Natural Resources Building which serves as a focal point for researching, accumulating, packaging and distributing information. NCSU also houses the Southeastern Plant Environment Laboratory (PhytoTron) which simulates a wide range of climates found in tropical, temperate and northern zones. Other facilities include the D. H. Hill Library which contains strong research holdings in the biological and physical sciences and in all fields of engineering, agriculture and forestry; 32,000 hectares of forests; a college summer camp, specialized labs housing analytical equipment and various equipment associated with the pulp/paper industry.

### **Formal/Informal Links with Foreign Institutions**

Formal cooperative agreements with Nanjing Forestry University in China, Nagoya U. in Japan, U. of the Philippines and Universidad Nacional Agraria in Peru  
 USAID support of Forest Private Enterprise Initiative and grants to the Central America and Mexico Coniferous Resources (CAMCORE) Cooperative  
 Memoranda of Agreement with the Venezuelan Compania Nacional de Reforestacion (CONARE), Carton de Colombia, and elsewhere in Latin America via arrangements with CAMCORE cooperators. Agreements have also recently been made with Universidade Federal de Vicosa in Brazil and Universidad Austral in Chile.

## Involvement in International Consortia

OTS (Organization for Tropical Studies)  
 CAMCORE (Central America and Mexico Coniferous Resources Cooperative)  
 SECID (Southeast Consortium for International Development)  
 TropSoils (Collaborative Research Support Programs)

### Contacts at the University:

<u>Contact who supplied information</u>	<u>Other Contacts</u>	
Joe Peters, Coordinator International Forestry Programs Box 8007 North Carolina State University Raleigh, NC 27695 Phone: 919-737-7581 Fax: 919-737-7231 Telex: 4937780 CAM UI	Larry W. Tombaugh, Dean College of FR Box 8001 Phone: 919-737-2883 Fax: 919-737-7231	Debra Stewart, Graduate Dean Graduate School Box 7102 North Carolina State University Phone: 919-737-2394

### Profile of Faculty

The College of Forest Resources employs 77 permanent appointment on-campus faculty. Of these, 14 have completed at least one cumulative year of professional foreign in-country experience.

Profiles of selected faculty members follow (See Appendix A for an explanation of abbreviations).

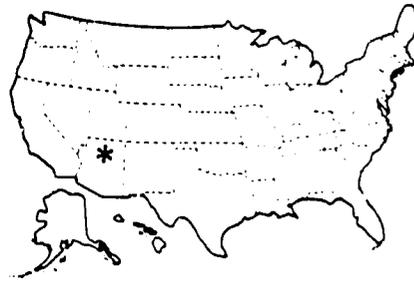
Name	Highest Degree and Year	Ranked Specialty Areas	Cumulative No. of Foreign Grad Students Advised To Degree Compl.	International In-country Experience Country, Time, Activity	Language Fluency 5 point scale
J. O. Gregory	Ph.D. 1975	HYDR, WASH SCON, SILV	4	Haiti 2M AID; Nepal 1M AID.	
J. B. Jett	Ph.D. 1983	TRIM	5	Zimbabwe/South Africa 1M INDY; Colombia 2W.	
D. A. Adams	Ph.D. 1962	NARS, LAUS POLY, ENVT	0	Kenya 1M AID; Tanzania 1W; Philippines 3W; Indonesia 1W; Mexico 2W; Argentina 2W.	

B. Zobel	Ph.D. 1951	PLNT, PROD	30+	Many Latin American countries 6Y; Many European countries 1Y; Many African countries 1Y; Canada 1Y; Australia/New Zealand 6M.
W. Lvorak	Ph.D. 1990	TRIM, BDIV SEED, PLNT	4	Fiji Islands 2Y PC; Colombia 1Y RSCH; Spanish 2.5 Venezuela 1Y RSCH; Guatemala 1Y RSCH; Many South/Central American Countries 19M; Many Asian Countries 1M; South Africa/ Zimbabwe 3W.
J. Laarman	Ph.D. 1980	FECN, POLY RURL Tourism Development Planning	3	Philippines 2Y Int'l Labor Org.; Spanish 3.0 Brazil 2Y RSCH; Costa Rica 1Y Portug. 2.0 RSCH, CONS; Many South American Countries 1Y AID; Many European Countries 3M; Thailand 2M; Gambia/Zimbabwe 2M.
A.R. Gillespie	Ph.D. 1988	AGRO, ENVT BDIV, SOIL	0	Caribbean Is. 1M RSCH.
S. J. Hanover	Ph.D. 1964	EXTN, SCND PROD		Many European, African, Asian, and Spanish 2.0 South American Countries 4M.
F. Bridgewater	Ph.D. 1972	TRIM, BOTY COMP, REGN	7	France 1M NAT; Argentina 1M; Mexico 1M.
H. L. Allen	Ph.D. 1931	SILV, SOIL PLNT, ENVT	1	Colombia 2W INDY; Brazil 2W; Venezuela 1W.
R. C. Kellison	Ph.D. 1971	SILV, TRIM PLNT, NATR	7	Many Asian Countries 1.2Y NAT Many European Countries 7M; Many S. American Countries 6M; Many African Countries 1M
R. J. Weir	Ph.D. 1974	TRIM	6	Germany 1M; Sweden 1M.
C. B. Davey	Ph.D. 1957	AGRO, SOIL SILV, PLNT	22	Many Latin American Countries 2Y; India 1M.

## NORTHERN ARIZONA UNIVERSITY

### School of Forestry

#### Flagstaff, Arizona



The greatest strength of the forestry program at Northern Arizona University, at both the undergraduate and graduate levels, is its focus on multiresource forest management through interdisciplinary team teaching and "mission-oriented" research. Although graduate students may specialize within a particular discipline, much of the course work and many of the thesis research projects are directed toward consideration of multiresource management problems. As a consequence, instruction and research both rely heavily on the use of personal computers and other decision support tools. Such tools improve decision making related to multiresource forest management within an overall socioeconomic context.

### Specialty Areas at the University

#### Within the School of Forestry

Forest Economics	Entomology
Natural Resource Economics	Harvesting
Forest Management	Integrated Pest Management
Land Use Planning, Environmental Assessment	Remote Sensing, Photogrammetry
Natural Resource Management	Wildlife Management

### Degree Programs and Accreditation

#### Bachelor of Science Programs

Multiresource Forest Management (accredited by the Society of American Foresters, 1987)

#### Master of Science Programs (2 years)

Forest Management	Forest Economics
Watershed Management	Forest Entomology and Forest Health
Remote Sensing	Biometrics
Geographic Information Systems	Forest Policy
Recreation and Aesthetics	Forest Products
Timber Harvesting systems and Engineering	

All options require a Master's thesis.

#### Master of Forestry Programs (1.5 years)

Multiresource Forest Management (a non-thesis program)

#### Doctor of Philosophy Programs

Although Northern Arizona University does not currently offer Ph.D. programs in Forestry, a multiresource forest management program for doctoral students is under development and may begin in fall 1991.

### Official Policy Toward Thesis Research in Home Country

We encourage this to the extent that funding and other support can be arranged.

### International Courses and Workshops

Courses offered by the school which focus specifically on international resource issues, tropical studies, or other topics of interest to students from developing countries.

Course (C) Short Course (SC) or Workshop (W)	Undergrad, Graduate, or Mixed	Regular offering or by Demand	Credits	Times taught in the last five years	Range of Enrollment
Environmental Studies (C)	Undergrad	Regular	3 cr	20	30-80
International Forestry Seminar(C)	Graduate	Regular	2 cr	1	8

### Requirements for Admission of Foreign Students

Minimum TOEFL score, Graduate and Undergraduate Students: 500  
GRE scores are also required, but there is no minimum score.

### Description of Student Body (1989 Figures)

Discipline within School of Forestry	Total No. of Students		No. of International students		No. of international students by geographical area				
	Grad	Undergr.	Grad	Undergr.	Latin America	Africa	Asia/ Pacific	Middle East	Other Countries
Forestry	44	188	7	1	-	-	5	-	3

### Costs of Study and Funding Sources

Out-of-State Tuition/Fees per Academic Year(1989 Figures): Graduate \$ 5,004 Undergraduate \$ 5,004

Funding sources for foreign students:

#### For study in the United States:

<u>Funding Source</u>	<u>No. Foreign Students Funded</u>
Aid agencies (USAID, FAC, etc)	2
Universities (Assistantships)	6

There are no scholarships specifically for foreign students available at Northern Arizona University.

### Facilities and Services for Foreign Students

- \* Office of International Student Affairs  
(Contact: Dr. Joan Fagerburg, Phone: 602-523-5181)
- \* Formal international student orientation programs
- \* Formal English as a Second Language courses for credit, offered to enrolled students
- \* One semester program in intensive English
- \* Active international student organizations
- \* Information packets describing the university and surroundings are sent to incoming foreign students.

### Setting and Important Facilities of School

Flagstaff is an historic lumbering town with a population of about 45,000. It lies at an elevation of 7,000 feet (2130 meters) above sea level. The Grand Canyon and other points of scenic interest are nearby. The campus and town are surrounded by the Coconino National forest. A ski area (the Arizona Snowbowl) is about fourteen miles from campus.

The School of Forestry maintains a research greenhouse, an arboretum and biological sciences laboratories. A Forestry Sciences Laboratory managed by the USDA Forest Service is also located at the university.

### Formal/Informal Links with Foreign Institutions

One faculty member recently returned from a Fulbright Scholarship at the University of Sao Paulo at Piracicaba, Brazil. Another faculty member recently returned from a sabbatical leave in Ghana. A faculty member is chair of IUFRO Subject Group S3.05, Tropical Forest Operations.

Memoranda of Understanding exist with the Division of Forest Sciences, Universidad Autonoma of Chapingo, Mexico; and with the Forestry Program, College of Graduate Studies, Montecillos, Mexico.

#### Contacts at the University:

##### Contact who supplied information

Dennis P. Dykstra  
Forest Management  
P.O. Box 4098  
Northern Arizona University  
Flagstaff, Arizona 86011  
Phone: 602-523-3031  
Fax: 602-523-2220  
Telex: 6503242355 MCI UW (Personal telex number, not university)

##### Other Contacts

Michael R. Wagner  
Forest Health &  
Entomology  
Phone: 602-523-3031

John P. McTague  
Forest Biometrics  
Phone: 602-523-3031

### Profile of Faculty

The College employs 19 permanent appointment on-campus faculty.

Of these, 5 have completed at least one cumulative year of professional foreign in-country experience.

Profiles of selected faculty members follow (See Appendix A for an explanation of abbreviations).

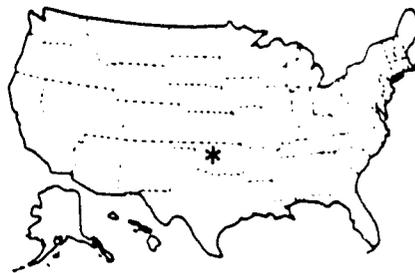
Name	Highest Degree and Year	Ranked Specialty Areas	Cumulative No. of Foreign Grad Students Advised To Degree Compl.	International In-country Experience Country, Time, Activity	Language Fluency 5 point scale
D. Dykstra	Ph.D. 1976	HARV, AGRO FECN, COMP	8	Tanzania 3Y EDUC; Austria 2Y RSCH; Vietnam 1Y MIL; Italy 5M; Malawi 1M; Kenya 1M; Ethiopia 1M; Jamaica 1M.	German 3.5 Dutch 2.5

A. Teclé	Ph.D. 1980	HYDR, WASH NARS, MGMT	0	Ethiopia 25Y COB, EDUC; Nigeria 4Y EDUC; Sudan 6M; Egypt 2M; France, Italy, W. Germany 1M ea.	Tigrina 5.0 Amharic 4.0 Arabic 3.0 Italian 3.0
M. Wagner	Ph.D. 1980	ENTO, PATH AGRO, PEST	2	Ghana 2Y PC; Ghana 4M; Mexico 1M.	
D. Patton	Ph.D. 1973	WLMG, NARS EMVT	4	Zambia 1Y FAO; Mexico 5M.	
J. McTague	Ph.D. 1985	MENS, MGMT SILV, FECH	0	Brazil 8Y INDY, RSCH; Brazil 4Y CONS.	Portug. 4.0 Spanish 3.0

## OKLAHOMA STATE UNIVERSITY

Department of Forestry

Stillwater, Oklahoma



The Department of Forestry at Oklahoma State University has two faculty members who have experience in developing countries, and the entire faculty is committed to international development. At present, two of our graduate students come from foreign countries and we have graduated several international students with M.S. degrees. The Department of Forestry attracts many international graduate students to its strong research programs in plant-water relations, resistance of trees to water stress, and watershed management. Students find the continental mid-latitude location where drought limits forest productivity to be an ideal location to research problems relevant to developing countries. Oklahoma State University has a very large international student population because of its excellent reputation as a high-quality institution, its friendly atmosphere and the low cost of tuition and fees. International students at the university benefit from the presence of the offices of International Student Services, International Programs and the Center for International Trade Development.

### Specialty Areas at the University

#### Within the Department of Forestry

Forest Genetics  
Hydrology  
Natural Resource Management  
Plant Physiology  
Regeneration

#### Supporting disciplines available at the University

Plant Pathology  
Crop Science  
Soil Science  
Wildlife Biology  
Biochemistry

### Degree Programs and Accreditation

#### Bachelor of Science Programs

Forest Resources Management (accredited by the Society of American Foresters, 1986-1991)

#### Master of Science Programs (approx. 2 years)

Forestry Resources (with specializations in biometrics, ecology, economics, genetics, regeneration, resource management, tree physiology, silviculture, soils, watershed management and hydrology, protection and administration)

#### Master of Agriculture (approx. 2 years)

Specialization in the same areas as the M.S.

#### Doctor of Philosophy Programs (approx. 2-4 years):

The department does not offer a Ph.D. program. However, cooperating units in the College of Agriculture offer a Ph.D. as part of a joint program to majors in forestry.

### Official Policy Toward Thesis Research in Home Country

Thesis research in home country is acceptable, but requires special coordination.

### International Courses and Workshops

The Department of Forestry does not currently offer courses which focus specifically on international resource issues. However, all graduate and undergraduate courses may be of interest to such students, and have included students from developing countries in the past.

### Requirements for Admission of Foreign Students

Minimum TOEFL score, Graduate : 550 Undergraduate Students: 500

### Description of Student Body (1989 Figures)

Discipline within Dept. of Forestry	Total No. of Students		No. of International students		No. of International students by geographical area				
	Undergr.	Grad	Undergr.	Grad	Latin America	Africa	Asia/ Pacific	Middle East	Other Countries
Forestry	10	40	1	2	2	-	-	1	-

### Costs of Study and Funding Sources

Out-of-State Tuition/Fees per Academic Year(1989 Figures): Graduate \$ 3,575 Undergraduate \$ 3,638

Funding sources for foreign students:

#### For study in the United States:

<u>Funding Source</u>	<u>No. Foreign Students Funded</u>
Universities	1
Grants	1

There are no scholarships specifically for foreign students available in the Department of Forestry at Oklahoma State University.

### Facilities and Services for Foreign Students

- \* Office of International Student Services  
(Contact: Elaine Burgess, Phone: 405-744-5459)
- \* Formal international student orientation programs
- \* Family English language training (continuing ed)--survival English classes, etc.
- \* Active international student organizations
- \* Information packets describing the university and surroundings are sent to incoming foreign students.

**Setting and Important Facilities of School**

Oklahoma State University is a land-grant institution with 20,000 students. It is located in Stillwater (a town of 42,000), in an area of tremendous ecological diversity on the edge of the Great Plains. Oklahoma State University has over 1800 international students in attendance.

The Center for International Trade and Development, the International Student Services Office, the Office of International Programs and the English Language Institute have been established on campus to support international students.

**Formal/Informal Links with Foreign Institutions**

USAID linkage program with Tunisia, ten years

**Involvement in International Consortia**

MIAC (Mid-America International Agricultural Consortium)

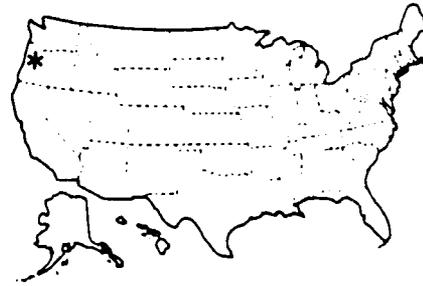
<b>Contacts at the University:</b>		
<u>Contact who supplied information</u>	<u>Other Contacts</u>	
Edwin Miller Department of Forestry Oklahoma State University Stillwater, OK 74078 Phone: 405-744-5284 Fax: 405-744-5339	Arthur Klatt, Asst. Dean International Programs 139 Agriculture Hall Phone: 405-744-9713 Fax: 405-744-5339	William Abbott, Director Office of Int'l Programs Oklahoma State University Phone: 405-744-6535

**Profile of Faculty**

The Department of Forestry employs 11 permanent appointment on-campus faculty. Of these, 2 have completed at least one cumulative year of professional foreign in-country experience.

Profiles of selected faculty members follow (See Appendix A for an explanation of abbreviations).

Name	Highest Degree and Year	Ranked Specialty Areas	Cumulative No. of Foreign Grad Students Advised To Degree Compl.	International In-country Experience Country,Time,Activity	Language Fluency 5 point scale
S. Hallgren	Ph.D. 1984	NURS, REGN SILV, TRIM	1	Morocco 2Y PC; France 1Y STU; France 1Y RSCH; Tunisia 2W; Haiti 4D.	French 3.5
T. C. Hennessey	Ph.D. 1976	ARID, PHYS SILV, ENVT	1	Tunisia 4D AID.	



## OREGON STATE UNIVERSITY

College of Forestry

Corvallis, Oregon

Oregon State University has expertise in institutional development, administration of education and research programs, and forestry extension.

### Specialty Areas at the University

#### Within the College of Forestry

Forest Economics  
Forest Management  
Harvesting  
Silviculture  
Watershed Management

#### Supporting disciplines available at the University

Agroforestry  
Fisheries Management  
Museum Studies  
Range Management, Wood Utilization  
Wildlife Management

Strengths also exist in the areas of forest ecology, forest products, and forest recreation.

### Degree Programs and Accreditation

#### Bachelor of Science Programs

Forest Management (accredited by Society of American Foresters, 1980)  
Forest Engineering (accredited by Society of American Foresters, 1980)  
Forest Recreation  
Forest Products

#### Master of Science Programs (approx. 2 years)

Forest Management	Forest Recreation
Forest Economics	Biometrics
Geographic Information Systems	Silviculture
Ecology	Genetics
Physiology	Wood Science
Hydrology	Watershed Management
Harvesting	Wood Industry Management
Integrated Pest Management	
Forest Planning Administration (non-thesis program)	

#### Master of Forestry Programs (approx. 2 years)

Silviculture	Harvesting
Hydrology	Forest Management
Wood Science & Technology	Forest Biology

#### Doctor of Philosophy Programs (approx. 4 years)

Forest Management	Forest Recreation
Biometrics	Forest Economics
Silviculture	Ecology
Physiology	Genetics
Hydrology	Harvesting
Wood Science	Forest Social Science
Harvesting/Silviculture	Integrated Pest Management

## Official Policy Toward Thesis Research in Home Country

Thesis research in the student's home country is favored.

## International Courses and Workshops

Courses offered by the college which focus specifically on international resource issues, tropical studies, or other topics of interest to students from developing countries.

Course (C) Short Course (SC) or Workshop (W)	Undergrad, Graduate, or Mixed	Regular offering or by Demand	Credits	Times taught in the last five years	Range of Enrollment
International Forestry Seminar (C)	Mixed	Regular	1 cr	4	30-50
New Student Program (C)	Graduate	Regular	1 cr	3	12-18
Starker Lectures Seminar (C)	Mixed	Regular	1 cr	5	15-30

## Sr. Level Professional Programs / Integrated Course Studies

Economics  
Agroforestry

Environmental Toxicology  
Forestry-Business Programs

## Requirements for Admission of Foreign Students

Minimum TOEFL score, Graduate and Undergraduate Students: 550  
GRE scores are required for the admission of foreign students.

## Description of Student Body (1989 Figures)

Discipline within College of Forestry	Total No. of Students		No. of International students		No. of international students by geographical area				
	Grad	Undergr.	Grad	Undergr.	Latin America	Africa	Asia/ Pacific	Middle East	Other Countries
Forestry	130	306	56	2	5	6	32	5	10

## Costs of Study and Funding Sources

Out-of-State Tuition/Fees per Academic Year(1989 Figures): Graduate \$ 3,663 Undergraduate \$ 4,968

## International Opportunities for U.S. Students

Oregon State University and the Oregon state system of higher education have exchange programs throughout Europe, Asia, Oceania and Latin America. Forestry exchanges are possible with the Universidad Austral (Chile) and the Northeastern Forestry University (China).

## Facilities and Services for Foreign Students

- \* Formal international student orientation programs
- \* Family English language training (continuing ed)--survival English classes, etc.
- \* Formal English as a Second Language courses for credit, offered to enrolled students
- \* Intensive English language training capability
- \* Active international student organizations
- \* Family sponsorship program
- \* Information packets describing the university and surroundings are sent to incoming foreign students.

### Setting and Important Facilities of School

Corvallis is a small city of 42,000 and is the home of Oregon State University. The economy of the area is based on education, forest products, and electronics and biotech industries. It is situated on the edge of coastal range mountains, sixty miles from the Pacific Ocean and in a productive forest area. Oregon State is a science and technology-oriented university with about 16,000 students and includes, among its other services and facilities, the Office of International Research and Development, the Forest Research Laboratory, and the McDonald-Dunn Research Forests.

### Formal/Informal Links with Foreign Institutions

Multipurpose tree selection for agroforestry research with ICRAF, IITA, and USAID. Cooperative programs exist with the Northeastern Forest University, Harbin, China; with the Universidad Austral, Valdivia, Chile; and with the National Institute for Agronomic Research (INRA), France.

### Involvement in International Consortia

CID (Consortium for International Development)

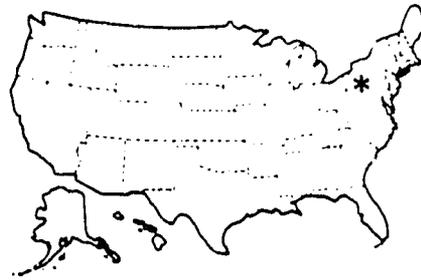
#### Contacts at the University:

<u>Contact who supplied information</u>	<u>Other Contacts</u>
Perry Brown Associate Dean College of Forestry Oregon State University Corvallis, OR 97331 Phone: 503-737-2005 Fax: 503-737-2668	George Brown, Dean College of Forestry Phone: 503-737-2221 Fax: 503-737-2668
	Edwin Price, Director Office of Int'l Research & Develop. Oregon State University Phone: 503-737-2228 Fax: 503-737-3447

### Profile of Faculty

The College of Forestry employs 70 permanent appointment on-campus faculty. Of these, 18 have completed at least one cumulative year of professional foreign in-country experience.

No additional faculty information was supplied.



## PENNSYLVANIA STATE UNIVERSITY

### School of Forest Resources

University Park, Pennsylvania

### Specialty Areas at the University

Within the  
School of Forest Resources  
Mensuration, Inventory  
Forest Products, Wood Utilization  
Regeneration  
Watershed  
Wildlife Management

Supporting disciplines  
available at the University  
Agronomy  
Animal Science  
Environmental Economics  
Extension  
Plant Pathology

### Degree Programs and Accreditation

#### Bachelor of Science Programs

Forest Science (accredited by the Society of American Foresters, 1987)  
Wildlife and Fisheries Science  
Forest Products

#### Master of Science Programs

Forest Resources  
Genetics  
Plant Pathology

Wildlife and Fisheries Science  
Ecology

#### Master of Forestry Programs

Forest Resources

Agriculture (communication option)

#### Doctor of Philosophy Programs

Disciplines available are the same as those listed for the M.S. Degree.

### Official Policy Toward Thesis Research in Home Country

The research location is not important as long as proper academic supervision can be achieved.

### International Courses and Workshops

Courses offered by the School of Forest Resources which focus on international resource issues, tropical studies, or other topics of interest to students from developing countries.

Course (C) Short Course (SC) or Workshop (W)	Undergrad, Graduate, or Mixed	Regular offering or by Demand	Credits	
Intro to Int'l Agriculture (C)	Undergrad	Regular	3 cr	
Problems in Ag in Tropic Areas (C)	Mixed	Regular	3 cr	
Prop/Mgmt of Tropical Soils (C)	Mixed	Regular	2 cr	Enrollment data not available.
Ag. & Int'l Economic Development (C)	Mixed	Regular	3 cr	
Planning Agricult. Programs in Less Developed Countries (C)	Mixed	Regular	3 cr	
Tropical and Temp. forests: Distribu- tion, Utilization, Policies (C)	Mixed	Regular	3 cr	

## Requirements for Admission of Foreign Students

Minimum TCEFL score, Graduate and Undergraduate Students: 550

GRE scores are required for the admission of foreign students, but there is no minimum score.

## Description of Student Body (1989 Figures)

Discipline within the School	Total No. of Students		No. of International students		No. of International students by geographical area				
	Grad	Undergr.	Grad	Undergr.	Latin America	Africa	Asia/ Pacific	Middle East	Other Countries
Forest Science	22	97	3	-	2	-	1	-	-
Forest Products	6	19	3	-	1	1	1	-	-
Wildlife	19	204	-	-	-	-	-	-	-

## Costs of Study and Funding Sources

Out-of-State Tuition/Fees per Academic Year(1989 Figures): Graduate \$ 4,194 Undergraduate \$ 4,194

Funding sources for foreign students:

### For study in the United States:

<u>Funding Source</u>	<u>No. Foreign Students Funded</u>
U.S. Gov't (not USAID)	3
Universities	1
Foundations, PVOs	2

There are no scholarships specifically for foreign students available at Pennsylvania State University.

## Facilities and Services for Foreign Students

- \* Office of International Student Affairs (Ardeeth L. Frisbey, Asst. Director)
  - Assists with VISAS, housing and academic difficulties
- \* Graduate School Office for International Students
- \* Formal international student orientation programs
- \* Intensive English language training capability
- \* Active international student organizations
- \* Information packets describing the university and surroundings are sent to incoming foreign students.

## Setting and Important Facilities of School

The attractively-landscaped campus is located in a rural, mountainous, forested region with a temperate climate and beautiful autumn colors. Various international student social events and an International Hospitality Council work to help students feel at home.

The university maintains an experimental forest, specially equipped greenhouses and international library references.

**Formal/Informal Links with Foreign Institutions**

Due to strong student interest, a U.S. Peace Corps recruiter is located on campus. In addition, the College of Agriculture has a strong commitment to programs in francophone Africa and has assisted in the development of forestry curriculum in Sri Lanka.

**Involvement in International Consortia**

SECID (Southeast Consortium for International Development)

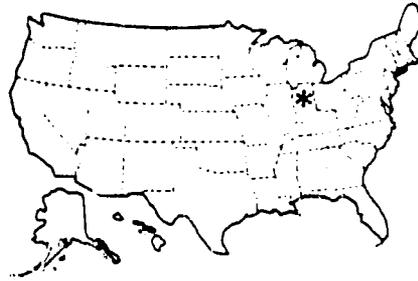
<b>Contacts at the University:</b>	
<u>Contact who supplied information</u>	<u>Other Contacts</u>
Dr. Kim C. Steiner Forest Resource Lab. Pennsylvania State University University Park, PA 16802 Phone: 814-865-9351 Fax: 865-3725	Dr. J. Dean Jansma College of Agriculture International Programs 240 Agric. Administration Pennsylvania State University Phone: 814-853-0249
Dr. W. LaMarr Kopp Vice President for Int'l Programs Pennsylvania State University Phone: 814-865-7681	Ardeth L. Frisbey Asst. Director of Int'l Student Affairs 222 Boucke Bldg. Pennsylvania State University Phone: 814-865-6348

**Profile of Faculty**

The School of Forest Resources employs 32 permanent appointment on-campus faculty. Of these, 3 have completed at least one cumulative year of professional foreign in-country experience.

Profiles of selected faculty members follow (See Appendix A for an explanation of abbreviations).

W. Meyers	Ph.D. 1967	NARS, REMS MENS, COMP	8	India 2Y AID; Brazil 2M.	French 2.0
J. Stauffer	Ph.D. 1975	FISH, ENVT BIOL	2	Malawi and Zimbabwe (no details)	
K. Steiner	Ph.D. 1975	BOTY, PHYS REGN, TRIM	2	France 7M RSCH; Kenya, W Germany, Sri Lanka, Taiwan 1M ea.	French 2.0



## PURDUE UNIVERSITY

Department of Forestry  
and Natural Resources (FNR)

West Lafayette, Indiana

The mission of the Department of Forestry and Natural Resources is to develop and disseminate knowledge in the natural resource sciences associated with the protection, management, and sustainable use of forest resources, including fish and wildlife, outdoor recreational opportunities, timber, and water. The department also has as part of its mission to develop and disseminate knowledge in wood science and engineering.

The department has had extensive experience in international training and technical assistance. For example, it helped start Brazil's two forestry schools (1960-62, 1965-74) and the development and implementation of forestry research in the Dominican Republic (1983-1988).

### Specialty Areas at the University

#### Within the Department of Forestry and Natural Resources

Forest Biology  
Forest Recreation  
Quantitative Resource Analysis

Water Quality and Forest Hydrology  
Wildlife and Fisheries Science  
Wood Science and Engineering

### Degree Programs and Accreditation

#### Bachelor of Science in Forestry

(Accredited by the Society of American Foresters)  
Wildlife Management  
Wood Utilization  
Forest Management  
Forest Recreation  
Urban Forestry

#### Bachelor of Science

Wildlife Science  
Fisheries and Aquatic Sciences

#### Master of Science Programs (approx. 2 years)

Programs of study are individually designed. In addition to twenty-four to thirty credits of graduate-level course work (as well as an undergraduate degree in an appropriate discipline), a thesis based on original research is required.

#### Doctor of Philosophy Programs (approx. 4 years)

Programs of study are individually designed and are offered in the same subject areas as offered at the Bachelor of Science level.

### Official Policy Toward Thesis Research in Home Country

Decisions on the location of research are left to the major professor and sponsoring organizations. Research in the home country is encouraged by Purdue University and frequently occurs.

### Requirements for Admission of Foreign Students

Minimum TOEFL score, Graduate and Undergraduate Students: 550

Minimum GRE scores: Verbal 500 Quant. 500

### International Courses and Workshops

Courses offered by the Department which focus on international resource issues, tropical studies, or other topics of interest to students from developing countries.

Course (C) Short Course (SC) or Workshop (W)	Undergrad, Graduate, or Mixed	Regular offering or by Demand	Credits	Times taught in the last five years	Range of Enrollment
FOR 488 Global Environ Issues (C)	Undergrad	Regular	3 cr	2	60-100

### Description of Student Body (1989 Figures)

Discipline within Dept. of FNR	Total No. of Students		No. of International students		No. of international students by geographical area				
	Grad	Undergr.	Grad	Undergr.	Latin America	Africa	Asia/ Pacific	Middle East	Other Countries
FNR	50	250	16	1	3	-	10	2	2

### Costs of Study and Funding Sources

Out-of-State Tuition/Fees per Academic Year(1989 Figures): Graduate \$ 6,800 Undergraduate \$ 6,262

Funding sources for foreign students:

For study in the United States:

<u>Funding Source</u>	<u>No. Foreign Students Funded</u>
USAID	2
Universities	3
Self-supported	6
World Bank	5

There are no scholarships specifically for foreign students available at Purdue University.

### Facilities and Services for Foreign Students

- \* Purdue maintains both the Agriculture International Programs Office and Office of International Students.
- \* Formal international student orientation programs
- \* Family English language training (continuing ed)--survival English classes, etc.
- \* Formal English as a Second Language courses for credit, offered to enrolled students
- \* Active international student organizations
- \* International House
- \* Several area church program
- \* Information packets describing the university and surroundings are sent to incoming foreign students.

### Setting and Important Facilities of School

Purdue University is located in a rural agricultural setting in a medium-sized city. It has many excellent cultural arts, activities, athletic events and historical/natural parks located nearby. The university has five research/teaching forests near campus, a rich international collection in the Life Science Library and an international center.

### Formal/Informal Links with Foreign Institutions

Purdue hosts visiting students from India (funded through USAID) and Costa Rica. About twenty Purdue students sent to various countries each year through the U.S. Peace Corps

### Involvement in International Consortia

MUCIA (Midwest Universities Consortium for International Activities)  
CIC (Consortium for International Cooperation - Big 10 exchange program)

#### Contacts at the University:

##### Contact who supplied information

Dennis C. LeMaster, Head  
Dept. of Forestry & Natural Resources  
Purdue University  
West Lafayette, IN 47907  
Phone: 317-494-3590  
Fax: 317-494-0409

##### Other Contacts

Douglas M. Knudson  
Dept. of FNR  
Phone: 317-494-3625  
Fax: 317-494-0409

William R. Chaney  
Dept. of FNR  
Phone: 317-494-3576  
Fax: 317-494-0409

### Profile of Faculty

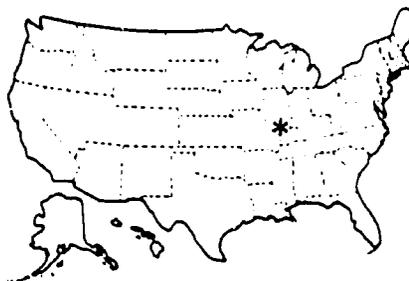
The Department of FNR employs 37 permanent appointment on-campus faculty. of these, 3 have completed at least one cumulative year of professional foreign in-country experience. Profiles of selected faculty members follow (See Appendix A for an explanation of abbreviations).

Name	Highest Degree and Year	Ranked Specialty Areas	Cumulative No. of Foreign Grad Students Advised To Degree Compl.	International In-country Experience Country, Time, Activity	Language Fluency 5 point scale
C. Eckelman	Ph.D. 1968	ENGN, PROD, SAWM, SCND	10	Costa Rica 2M CONS; Mexico 2M.	
D. Knudson	Ph.D. 1965	PARK, PLNT AGRO, FECD	0	Brazil 4Y AID; Dominican Republic 4Y AID; Indonesia 1M.	Portug. 4.0 Spanish 4.0
W. Chaney	Ph.D. 1969	PHYS, URBN BOTY, SILV	2	Dominican Republic 5M AID; Many Countries 3M.	Spanish 2.0
A. Spacie	Ph.D. 1975	FISH, HYDR WASH, PEST	0	West Germany 1Y RSCH; Poland 1W.	German 4.0

**SOUTHERN ILLINOIS UNIVERSITY**

Department of Forestry

Carbondale, Illinois

**Specialty Areas at the University**Within the Department of Forestry

Agroforestry

Environment, Ecology

Natural Forest Management

Parks, Wildland Recreation

Silviculture

**Degree Programs and Accreditation**Bachelor of Science Programs

Forest Resources Management (accredited by the Society of American Foresters, 1985)

Outdoor Recreation Resources Management

Forest Science

Master of Science Programs (approx. 2 years)

Forest Resources Management

Outdoor Recreation Resources Management

Both options require a thesis.

Master of Forestry Programs (approx. 2 years)

Forest Resources Management

Outdoor Recreation Resources Management

Both options require a thesis.

Doctor of Philosophy Programs (approx. 4 years)

Ph.D.s are offered in cooperation with the Departments of Botany, Economics, and Geography.

**Official Policy Toward Thesis Research in Home Country**

Students are encouraged to conduct research in their home countries.

**Requirements for Admission of Foreign Students**

Minimum TOEFL score, Graduate and Undergraduate Students: 550 Undergraduates: 520

GRE scores are not required for the admission of foreign students.

**Description of Student Body (1989 Figures)**

Discipline within Dept. of F	Total No. of Students		No. of International students		No. of international students by geographical area				
	Grad	Undergr.	Grad	Undergr.	Latin America	Africa	Asia/ Pacific	Middle East	Other Countries
Forestry	23	135	5	6	3	2	5	1	-

**Costs of Study and Funding Sources**

Out-of-State Tuition/Fees per Academic Year(1989 Figures): Graduate \$ 5,287 Undergraduate \$ 5,287

Funding sources for foreign students:

For study in the United States:

<u>Funding Source</u>	<u>No. Foreign Students Funded</u>
USAID	1
Foundations, PVOs	4
Self-supported	1
Other (Please explain)	5

**Facilities and Services for Foreign Students**

Information packets describing the university and surroundings are sent to incoming foreign students.

**Setting and Important Facilities of School**

Southern Illinois University is located in Carbondale, Illinois. Carbondale is surrounded by the central hardwood region and by an abundance of public forest land.

**Contacts at the University:**Contact who supplied information

Dwight McCurdy  
Department of Forestry  
Southern Illinois University  
Carbondale, IL 62901-4411  
Phone: 618-453-3341

Other Contacts

Charles C. Myers  
Department of Forestry

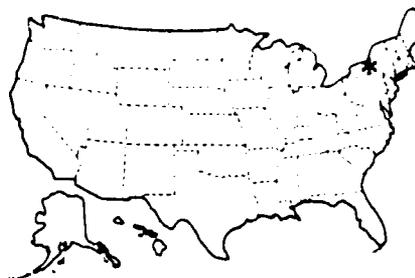
John H. Burde  
Department of Forestry  
Phone: 618-453-3341

Gilbert Kroening  
Office of Int'l Programs  
Southern Illinois University  
Carbondale, IL 62901

**Profile of Faculty**

The Department employs 11 permanent appointment on-campus faculty.  
Of these, 3 have completed at least one cumulative year of professional foreign in-country experience.  
Profiles of selected faculty members follow (See Appendix A for an explanation of abbreviations).

Name	Highest Degree and Year	Ranked Specialty Areas	Cumulative No. of Foreign Grad Students Advised To Degree Compl.	International In-country Experience Country, Time, Activity	Language Fluency 5 point scale
F. H. Kung	Ph.D. 1968	TRIM, MGMT MENS, COMP	6	Thailand 11M EDUC; China 3M.	Chinese 5.0
C. Myers	Ph.D. 1966	MENS, MGMT SILV, NATR	0	Brazil 2Y AID; West Germany 4M.	Portug. 2.0
P. Roth	Ph.D. 1967	MGMT, SILV URBN, WIND	10	Korea 1Y MIL; Canada 6M.	German 3.5 Spanish 2.5
J. Fralish	Ph.D. 1969	NATR, SOIL FIRE, SILV	0	Belize 2M EDUC.	
G. Aubertin	Ph.D. 1964	HYDR, SOIL HARV, ENVT	2	Canada 15M BIL.	
J. Burde	Ph.D. 1975	PARK, POLY NARS	0	Mexico 1M STU; Many European Countries 1M; Japan 3W; Israel 1W.	Spanish 3.0
G. Gaffney	Ph.D. 1970	ENVT, WLMG PHYS, PEST	1		Spanish 3.0
D. McCurdy	Ph.D. 1964	FECN, MGMT PARK, NATR	5		
K. Chilman	Ph. D. 1972	PARK, LAUS	3		
C. A. Budelsky	Ph.D. 1969	REGN, NATR SILV, REMS	1		
J. Phelps	Ph. D. 1980	PROD, SCND SAWM, EXTN	0		



**STATE UNIVERSITY OF NEW YORK (SUNY)**

**College of Environmental Science  
and Forestry (CESF)**

**Syracuse, New York**

The CESF is the largest institution of its kind in the western world, consisting of six schools relating to different natural resource disciplines, and including nine regional campuses and field stations. The college has been involved in international forestry since the 1920s, when the first group of Philippine graduate students arrived. More recently, the college and ten faculty, in conjunction with FAO, helped strengthen the Forestry Research Institute of Yazin, Burma. Faculty members frequently serve as specialists or advisors in developing countries.

Significant research and ongoing projects exist in such areas as pulping of tropical woods, identification and study of properties of tropical woods, remote sensing in developing countries, fuelwood supply and consumption in Senegal, the Children's Environmental Education Television Project in India, and many more.

The large number of faculty with long periods of service abroad (more than 20%), and foreign-born and educated faculty, enable the college to deal competently with foreign students and related research. Graduation rates of over 90% of all foreign students attest to both the faculty effort and quality of students in the programs. Correspondence and personal visits with foreign alumni help them receive state of the art professional information, and keep the college aware of important issues for teaching and research. Many students come from South East Asia, West Africa, and South America. Post-doctoral students are attracted mainly in chemistry, biology, and paper science.

**Specialty Areas at the University**

Within the  
College of Environmental Science & Forestry

Pulp and Paper  
Remote Sensing, Photogrammetry  
Forest Products, Wood Utilization  
Forest Management  
Mensuration, Inventory  
Engineering

Supporting disciplines  
available at the University

Business Administration  
Urban Forestry, Landscape Architecture  
Wildlife Management

**Degree Programs and Accreditation**

All undergraduate and graduate programs have been accredited by the Middle States Association of Colleges and Universities, 1981.

Bachelor of Science Programs

Forest Engineering (accredited by the Accrediting Board of Engineering and Technology, 1989)  
Resource Management/General Forestry (accredited by the Society of American Foresters, 1987)  
Landscape Architecture (accredited by the American Society of Landscape Architects, 1986. The BLA generally requires five years to complete.)

Chemistry  
Environmental Studies  
Wood Products Engineering

Environmental and Forest Biology  
Paper Science and Engineering

A dual program is available in Environmental and Forest Biology/Resource Management.

**Master of Science Programs**

Environmental and Resource Engineering      Forest Chemistry  
 Environmental and Forest Biology              Environmental Science  
 Forest Resource Management (with a non-thesis option)

A Master of Landscape Architecture is also offered.

**Master of Forestry Programs**

Forest Management and Operations (a twelve month, non-thesis program)

**Doctor of Philosophy Programs**

Ph.D. programs exist in the same disciplines as MS programs.

**Official Policy Toward Thesis Research in Home Country**

Such research is strongly favored by this college. Efforts are made to secure partial or total funding for home country research from the students' sponsoring institutions. Occasionally, foundation or college funds are used.

**International Courses and Workshops**

Courses offered by the CESF which focus specifically on International resource issues, tropical studies, or other topics of interest to students from developing countries.

Course (C) Short Course (SC) or Workshop (W)	Undergrad, Graduate, or Mixed	Regular offering or by Demand	Credits	Times taught in the last five years	Range of Enrollment
World Forestry Resources (C)	Undergrad	Regular	3 cr	5	5-12
Int'l Timber trade (C)	Mixed	Regular	3 cr	5	4-8
Trop. Forestry Ecol & Land Use (C)	Graduate	Regular	3 cr	4	6-8
World Forestry (C)	Graduate	Regular	3 cr	5	4-7
Tropical Timbers in Commerce (C)	Mixed	Regular	2 cr	5	4-7
Tropical Wood Anatomy (C)	Mixed	Regular	1 cr	5	4-7
Intro to Sustainable Developmt (C)	Mixed	Regular	1 cr	5	10-12
Systems Ecology (C)	Mixed	Regular	1 cr	2	10-12
Ecology of the Economic Process (C)	Graduate	Regular	2 cr	3	10-12

**Sr. Level Professional Programs / Integrated Course Studies**

The graduate program in environmental science is interdisciplinary in nature. Its study areas include land resources, water resources, waste management and environmental communications. Students may have either a social or biological science background, or a combination of both.

Through arrangement with the U.S. Peace Corps, up to eight graduate credit hours may be granted to returned Peace Corps Volunteers in recognition of overseas training and experience.

**Requirements for Admission of Foreign Students**

Minimum TOEFL score, Graduate and Undergraduate Students: 550

GRE scores are required for the admission of foreign students, but the minimum score depends on a combination with other criteria: grades, recommendations, and the student's statement of background and goals.

**Description of Student Body (1989 Figures)**

Discipline within CESF	Total No. of Students		No. of International students		No. of international students by geographical area				
	Grad	Undergr.	Grad	Undergr.	Latin America	Africa	Asia/ Pacific	Middle East	Other Countries
Chemistry	41	30	19	-	-	-	17	-	2
Env. & For. Biology	115	173	21	1	6	-	9	2	5
Engineering	86	125	34	2	2	5	20	5	4
Env. Studies	96	182	23	-	4	3	15	1	-
Forestry	80	140	26	3	4	8	12	1	4
Landscape Archit.	66	155	13	1	-	-	9	2	3

**Costs of Study and Funding Sources**

Out-of-State Tuition/Fees per Academic Year(1989 Figures): Graduate \$ 5,501 Undergraduate \$ 4,787

Funding sources for foreign graduate students:

For study in the United States:For fieldwork overseas:

<u>Funding Source</u>	<u>No. Foreign Students Funded</u>	<u>Funding Source</u>	<u>No. Foreign Students Funded</u>
USAID	8	USAID	2
U.S. Govt (not USAID)	7	FAO	1
FAO	8	Foundations, PVOs	2
Universities	28		
Foundations, PVOs	6		
Self-supported	67		
Home Country	7		
World Bank	1		

Note: All figures are for graduate students only.

There are no scholarships specifically for foreign students available at SUNY.

**International Opportunities for U.S. Students**

A cooperative arrangement exists with the University of the Andes, Merida, Venezuela for graduate research.

**Facilities and Services for Foreign Students**

- \* Syracuse University Office of International Services, with a staff of seven, provides assistance with immigration regulations, housing, counseling, contacts with the local community, health services, etc.
- \* Formal international student orientation programs
- \* Family English language training (continuing ed)--survival English classes, etc.
- \* Formal English as a Second Language courses for credit, offered to enrolled students
- \* Intensive English language training capability
- \* Tropical Forestry Seminar, organized and run by graduate students with funding from the Faculty of Forestry
- \* Information packets describing the university and surroundings are sent to incoming foreign students.

### Setting and Important Facilities of School

The city of Syracuse is a racially and ethnically diverse metropolitan urban area with 450,000 inhabitants. The College of Environmental Science and Forestry shares a unique relationship with Syracuse University, a private college, which allows students to share all academic facilities and services. Thus, students benefit from being part of a small, close knit college and a large research university. In addition, Cornell (a major research school) and five other colleges are located within a fifty mile radius. SUNY is one of five state university campus units located in different parts of New York State, which encompass a variety of research and teaching installations.

State University of New York, College of Environmental Science and Forestry also hosts the Tropical Timber Information Center, with the second largest collection of wood specimens in the United States, and the Empire State Paper Research Institute which receives support from seventy-two pulp and paper companies in fourteen countries.

### Formal/Informal Links with Foreign Institutions

A cooperative student and faculty exchange agreement exists between SUNY and the University of the Andes, Merida, Venezuela. Contacts and information exchanges exist with the School of Forestry in Chile.

### Involvement in International Consortia

IUFRO (several faculty are past and present leaders of working groups).

#### Contacts at the University:

<u>Contact who supplied information</u>	<u>Other Contacts</u>	
Helmuth Resch Dean of Research College of Environmental Science and Forestry State University of New York Syracuse, New York 13210 Phone: 315-470-6606 Fax: 315-470-6779	Robert H. Frey Dean, Instr. & Grad Studies State University of New York Phone: 315-470-6599	Bob Blackmon Chairman, Faculty of Forestry State University of New York Phone: 315-470-6536

### Profile of Faculty

The CESF employs 131 permanent appointment on-campus faculty. Of these, 26 have completed at least one cumulative year of professional foreign in-country experience. (See Appendix A for an explanation of abbreviations).

Name	Highest Degree and Year	Ranked Specialty Areas	Cumulative No. of Foreign Grad Students Advised To Degree Compl.	International In-country Experience Country,Time,Activity	Language Fluency 5 point scale
J. Unbehend	M.S. 1973	PULP	2	Brazil 2M CONS, EDUC; Finland 2M; Sweden 1M; New Zealand 2W.	

H. Resch	Ph.D. 1960	PROD, SAWN SCND	3	Austria 6Y EDUC; W.Germany 9M; Chile 3W; Zimbabwe, Costa Rica, Colombia 2W ea.	German 5.0 Spanish 2.0
A. Eschner	Ph.D. 1965	HYDR, NARS WASH	6	W. Germany 6M; Austria 3M; Guatemala 1.5M; Burma 3M.	German 3.0 Spanish 2.0
J. Petriceks	Ph.D. 1968	AGRO, FECN EDUC, SOCL	24	Venezuela 18Y EDUC; W.Germany 4Y STU; Brazil 6M; Bolivia, Dom. Republ. 4M ea; Paraguay, Costa Rica 3M ea; Ecuador 2M.	Spanish 5.0 German 4.0 Russian 3.5 Portugus. 2.5
D. Monteith	M.S. 1967	MGMT, POLY MENS, NECN	1	Caribbean 2Y USFS.	
K.E. Hammel	Ph.D. 1962	CHEM, PROD PEST, PULP	0	W.Germany 2Y RSCH.	German 3.5 French 2.0
M. A. F. Gratzel	Ph.D. 1971	PARK, EDUC LAUS, RURL	14	Canada 7Y RSCH; Hungary 4Y COB; Colombia/Venezuela 3M; Austria 2M.	Hungarian 5.0 German 2.0
A. Drew	Ph.D. 1973	ENVT, BOTY NATR, PLNT	2	Malawi 2Y PC; Puerto Rico 6M.	Bantu 2.5 (Tumbuka)
R.L. Burgess	Ph.D. 1961	ENVT, BOTY BDIV, BIOL	8	Japan 1.5Y MIL; Iran 1Y AID.	
B. Blackmon	Ph.D. 1969	EDUC, EXTN	0	Pakistan 3M USFS; India 1W.	
H. Canham	Ph.D. 1971	FECN, NECN, MGMT, LAUS	5		
M. Mitchell	Ph.D. 1974	SOIL, ENVT NARS, BIOL	2	New Zealand 4M RSCH.	
R. Meyer	Ph.D. 1969	PROD, SAWM	7		

**STEPHEN F. AUSTIN STATE UNIVERSITY****School of Forestry****Nacogdoches, Texas**

The goal of the international program in the School of Forestry is to maintain a high quality, personalized exchange relationship with selected institutions. Areas of strength include integrated forest resource management, forest game management, forest recreation management, pine plantation management, and integrated forest pest management, particularly as they relate to the private sector and entrepreneurial forestry.

**Specialty Areas at the University**Within the  
School of Forestry

Silviculture  
Forest Recreation  
Integrated Pest Management  
Mensuration, Inventory  
Wildlife Management

Supporting disciplines  
Available at the University

Biology  
Business Administration  
Computers, Data Processing  
Education  
Plant Physiology

**Degree Programs and Accreditation**Bachelor of Science Programs

The BS program is accredited by the Society of American Foresters (1980).  
Forestry  
Forest Recreation Management  
Forest Game Management  
Tropical Forestry (requires one year residence in Malaysia)

Forest Management  
Environmental Science

Master of Forestry Programs

A thirty hour MF program is open to those who do not possess an undergraduate degree in forestry, and is accredited by the Southern Association of Schools and Colleges (1980). All options require a Master's thesis. Disciplines available are the same as for the MS degree. Typically, this is a four-year program.

Master of Science Programs

Forestry  
Forest Recreation Management  
Tree Physiology  
Silviculture  
Forest Mensuration

Forest Game Management  
Integrated Pest Management  
Watershed Management  
Pine Plantation Management  
Business Management

The MS program is accredited by the Southern Association of Schools and Colleges (1980). All options require a Master's thesis.

Doctor of Philosophy (Doctor of Forestry) Programs

Disciplines available are the same as those listed for the MS Degree.

**Official Policy Toward Thesis Research in Home Country**

Approval contingent to on-site supervision by a member of the student's graduate committee.

**International Courses and Workshops**

Course (C) Short Course (SC) or Workshop (W)	Undergrad, Graduate, or Mixed	Regular offering or by Demand	Credits	Times taught in the last five years	Range of Enrollment
Biodiversity (W); Conservation Education (Seminar)	Mixed Graduate	Demand Demand	0 cr 0 cr	1 2	15-20 15-20

**Sr. Level Professional Programs / Integrated Course Studies**

Senior Level Practicum: Integrated multi-disciplinary credit course directed toward the study and solution of forest problems.

Forest Policy: Senior level course examining issues in forest resource management.

Integrated Forest Pest Management: Annual workshop for forest entomologists in the southern United States.

**Requirements for Admission of Foreign Students**

Minimum TOEFL score, Graduate and Undergraduate Students: 550

Minimum GRE scores: Verbal 450 Quant. 450 Analyt. --

The Verbal and Quantitative scores together must total at least 1000.

**Description of Student Body (1989 Figures)**

Discipline within School of Forestry	Total No. of Students		No. of International students		No. of international students by geographical area				
	Grad	Undergr.	Grad	Undergr.	Latin America	Africa	Asia/ Pacific	Middle East	Other Countries
Forestry	42	204	10	-	-	-	8	2	-
Environmental Sci.	-	30	-	-	-	-	-	-	-

**Costs of Study and Funding Sources**

Out-of-State Tuition/Fees per Academic Year(1989 Figures): Graduate \$ 1,985 Undergraduate \$ 1,985

Funding sources for foreign students:

For study in the United States:

<u>Funding Source</u>	<u>No. Foreign Students Funded</u>
Universities	9
Self-supported	1

Two graduate assistantships are reserved for international students, generally restricted to those participating under an existing exchange agreement.

### International Opportunities for U.S. Students

Tropical Forestry Option (undergraduate): The first two years are spent in residence at Stephen F. Austin State University; the third year is spent at the Universiti Pertanian in Malaysia, and the final year is spent at Stephen F. Austin.

An exchange program exists with the Northeast Forestry University in Harbin, China. Individual study programs are tailored to match a student's fluency in Chinese.

### Facilities and Services for Foreign Students

- \* The Dean of the School of Forestry serves as the central contact for international students, and all arrangements are made through the Dean's office.
- \* Informal faculty and student support
- \* Intensive English language training capability
- \* General and graduate bulletins are mailed on request. Additional materials are sent upon admission.

### Setting and Important Facilities of School

Stephen F. Austin State University offers students access to local forests through its Center for Applied Studies in Forestry, and other field research installations. Programs are highly personalized, and excellent housing and educational facilities are available.

The major metropolitan areas of Houston and Dallas/Fort Worth are within several hours by car.

### Formal/Informal Links with Foreign Institutions

The university maintains exchange agreements with the Northeast Forestry University (Harbin, People's Republic of China) and with the Universiti Pertanian in Malaysia. An informal working group of faculty participates in post graduate programs with institutions in Mexico.

#### Contacts at the University:

##### Contact who supplied information

Kent T. Adair, Dean  
School of Forestry  
Box 6109 SFASU Station  
Nacogdoches, Texas 75962  
Phone: 409-568-3304  
Fax: 409-568-2489

##### Other Contacts

Kenneth Watterston  
Assistant Dean  
School of Forestry  
Phone: 409-568-3304

Arrangements for foreign students made through the Dean's Office.

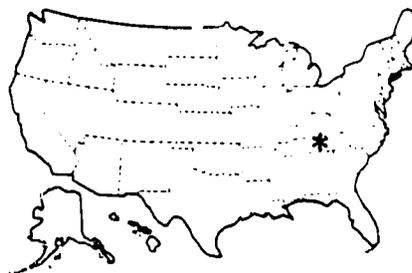
### Involvement in International Consortia

The School of Forestry participates in no international consortia.

## Profile of Faculty

The School of Forestry employs 16 permanent appointment on-campus faculty.  
None have completed one cumulative year of professional foreign in-country experience.  
Profiles of selected faculty members follow (See Appendix A for an explanation of abbreviations).

Name	Highest Degree and Year	Ranked Specialty Areas	Cumulative No. of Foreign Grad Students Advised To Degree Compl.	International In-country Experience Country, Time, Activity	Language Fluency 5 point scale
M. Whiting	Ph.D. 1978	WLMG, SILV FIRE	0	China 1M.	
G. Kronrad	Ph.D. 1982	FECN, EECN NECN	2	Mexico INST.	Spanish 2.0
M. Chang	Ph.D. 1973	HYDR, WASH SCON, LAJS	8	Thailand COB, CONS.	Chinese 5.0
W.D. Tracy	MSF 1989	MAPP, ENGN REMS, LAUS	0		Spanish 2.0
T. McGrath	Ph.D. 1968	PATH, FIRE	0	Australia 9M STE; New Zealand 5M; Many Asian Countries 2M.	
M.V. Bilan	DF 1957	ARID For. Ecology PHYS, URBN.	6	Central, East Europe (no details supplied).	German 4.0 Russian 4.0 Other Slavic Langs. 4.0
D. Kulhavy	Ph.D. 1977	ENTO, ENVT ENED, PATH	1		Spanish 2.0
J. Kroll	Ph.D.	MGMT, WLMG	0	Mexico 10Y; China 1M; Brazil; Honduras (no details).	Spanish 5.0
M. Legg	Ph.D.	Forest Recreation	1	Malaysia 3W EDUC; England 3W.	Spanish 2.0
D. Lerhart	Ph.D.	MENS	6		
K. Watterston	Ph.D.	SOIL		Honduras, Costa Rica 1M STU.	



## UNIVERSITY OF TENNESSEE

Department of Forestry,  
Wildlife and Fisheries

Knoxville, Tennessee

The strength of the Department of Forestry, Wildlife and Fisheries at the University of Tennessee is the diversity of disciplines that are brought together in the department. This is true whether considering on-campus educational programs or international efforts. Faculty specializing in fisheries, wildlife, forest recreation, forest resources management and wood utilization work together in one department. This allows the faculty to address a broad range of natural resource questions in a multidisciplinary manner.

### Specialty Areas at the University

#### Within the Department of Forestry, Wildlife & Fisheries

Natural Resource Management  
Forest Products, Wood Utilization  
Silviculture  
Genetics, Tree Improvement  
Wildlife Management

#### Supporting disciplines available at the University

Agronomy  
Animal Science  
Botany, Plant Science  
Business Administration  
Remote Sensing, Photogrammetry

### Degree Programs and Accreditation

#### Bachelor of Science Programs

Wildlife & Fisheries Science (accredited by the Southeastern Section Wildlife Society, 1980)  
Forestry (with options in Management, Recreation & Wood Utilization; accredited by the Society of American Foresters, 1985)

#### Master of Science Programs

Wildlife & Fisheries Science  
Ecology

Forestry (thesis and non-thesis options)

#### Doctor of Philosophy Programs

Ecology

### Official Policy Toward Thesis Research in Home Country

Foreign research sites are allowed if students are sufficiently funded. However, if a student is funded through a Tennessee Agricultural Experiment Station graduate research assistantship, the research site is limited to locations pertinent to research projects of the student's major professor.

### Requirements for Admission of Foreign Students

Minimum TOEFL score, Graduate and Undergraduate Students: 525

Although GRE scores are required for the admission of foreign students, there is no minimum score requirement.

**International Courses and Workshops**

Courses offered by the department which may be of interest to students from developing countries.

Course (C) Short Course (SC) or Workshop (W)	Undergrad, Graduate, or Mixed	Regular offering or by Demand	Credits	Times taught in the last five years	Range of Enrollment
Forest & Wildland Economics (C)	Mixed	Regular	3 cr	5	10-15
Forest & Wildland Policy (C)	Mixed	Regular	3 cr	5	8-12
Planning & Mgmt of F, W & F (C)	Mixed	Regular	3 cr	5	20-30
Advanced Tree Biology (C)	Graduate	Demand	3 cr	1	5-7
Advanced Forest Mgmt (C)	Graduate	Demand	3 cr	2	5-7
Advanced Silviculture (C)	Graduate	Demand	3 cr	1 (new)	
Advanced Forest Biometry (C)	Graduate	Demand	3 cr	2	5-8
Wildlife Diseases (C)	Graduate	Demand	2 cr	3	12-15
Predator Ecology (C)	Graduate	Demand	2 cr	3	12-15
Fish Physiology (C)	Graduate	Demand	3 cr	2	5-10

**Sr. Level Professional Programs / Integrated Course Studies**

FWF 416 -Planning and Management of Forest, Wildlife & Fisheries Resources (3 cr)  
Integrated forest and wildland resource management through developing land management plans and analyzing case studies including conflict resolution.

**Description of Student Body (1989 Figures)**

Discipline within Depart. of FWF	Total No. of Students		No. of International students		No. of international students by geographical area				
	Grad	Undergr.	Grad	Undergr.	Latin America	Africa	Asia/ Pacific	Middle East	Other Countries
Forest	9	106	-	1	-	1	-	-	-
Wildlife & Fisheries	19	103	1	-	1	-	-	-	-
Ecology	6	-	2	-	-	-	1	-	1

**Costs of Study and Funding Sources**

Out-of-State Tuition/Fees per Academic Year(1989 Figures): Graduate \$ 5,082 Undergraduate \$ 4,744  
(two semesters and six hours in summer).

Funding sources for foreign students:

For study in the United States:For fieldwork overseas:

<u>Funding Source</u>	<u>No. Foreign Students Funded</u>	<u>Funding Source</u>	<u>No. Foreign Students Funded</u>
Universities	3	Universities	1

Note: Figures for graduate students only

### Facilities and Services for Foreign Students

- \* The University of Tennessee Center for International Education provides orientation for arriving foreign students and advising services throughout their stay at the university. It also provides international programs for the university community.  
(Contact: James N. Gehlhar, Center for International Education. See Contacts box.)
- \* Formal international student orientation programs
- \* Family English language training (continuing ed)--survival English classes, etc.
- \* Intensive English language training capability
- \* Active international student organizations
- \* Information packets describing the university and surroundings are sent to incoming foreign students.

### Setting and Important Facilities of School

The University of Tennessee is located in Knoxville, a medium-sized city with the cultural attractions, shopping choices, etc., of a large city. The university is located within two hours of the Great Smoky Mountains National Park, Tennessee Valley Authority (TVA) lands, Cherokee National Forest and extensive other publicly owned resources. The TVA Office of Natural Resources is located Norris (thirty minutes from Knoxville) and Chattanooga (two hours from Knoxville). Oak Ridge National Laboratory (ORNL) is thirty minutes from Knoxville. The university works closely with scientists at ORNL and many are adjunct faculty.

### Formal/Informal Links with Foreign Institutions

The University of Tennessee conducts a training and research program in cooperation with Kasetsart University of Thailand, several Thai government departments and USAID, promoting environmental protection, management and conservation of natural resources in Thailand. The university has a joint research project with the Royal Thai Department of Fisheries for production of salt water shrimp. The university has also recently completed a joint study with the University of Leon in Spain addressing the ecology of the European brown bear.

### Involvement in International Consortia

SECID (Southeast Consortium for International Development)

#### Contacts at the University:

##### Contact who supplied information

John C. Rennie  
Dept. of Forestry, Wildlife  
and Fisheries  
University of Tennessee  
Knoxville, TN 37901-1071  
Phone: 615-974-7126  
Fax: 615-974-7448

##### Other Contacts

George T. Weaver  
Dept. of Forestry,  
Wildlife & Fisheries  
  
J. Larry Wilson  
Dept. of Forestry,  
Wildlife & Fisheries

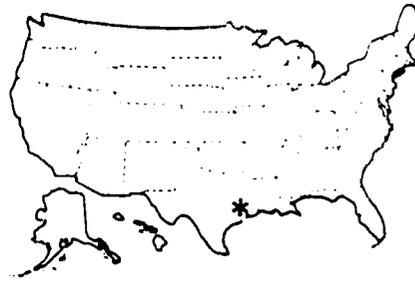
James N. Gehlhar  
Center for Int'l Education  
201 Alumni Hall  
University of Tennessee  
Knoxville, TN 37996  
Phone: 615-974-3177  
Fax: 615-974-2985

**Profile of Faculty**

The Department of Forestry, Wildlife & Fisheries employs 15 permanent appointment on-campus faculty.

Profiles of selected faculty members follow (See Appendix A for an explanation of abbreviations).

Name	Highest Degree and Year	Ranked Specialty Areas	Cumulative No. of Foreign Grad Students Advised To Degree Compl.	International In-country Experience Country, Time, Activity	Language Fluency 5 point scale
E.R. Buckner	Ph.D. 1972	SILV, REGN	2	Peru 6W AID; Thailand 6W.	
W.E. Hammitt	Ph.D. 1978	PARK, ENED NARS	0	Costa Rica 2Y PC; Norway 7M Fulbright; Peru 6M, Fulbright.	Spanish 2.0
G. Weaver	Ph.D. 1972	ENVT, SOIL		West Germany 1Y Fulbright; Thailand 7W.	
F.W. Woods	Ph.D. 1957	ENVT, WASH	3	Venezuela 1Y INST; Ecuador 6M; Costa Rica 2M; Panama 2M.	Spanish 2.0
J.L. Wilson	Ph.D. 1970	FISH	2	Thailand 1M U of T Grant; Brazil 2W.	
J.C. Rennie	Ph.D. 1972	MENS, REMS COMP	1	Australia 5W Fulbright; New Zealand 1W.	
D.M. Ostermeier	Ph.D. 1972	POLY, MKTG NECN, EDUC	5	Thailand 3M AID; Peru 2M.	
R. Little	Ph.D. 1979	PROD		South Africa 4M AID; Peru 1M.	



## TEXAS A & M UNIVERSITY

Departments of Range Science; Forest Science;  
Wildlife and Fisheries Sciences;  
Recreation, Park and Tourism Sciences

College Station, Texas

### Specialty Areas Within the Departments

Agroforestry  
Environment, Ecology  
Conservation Biology  
Biotechnology  
Plant Physiology  
Plant Pathology

Range Management  
Wildlife Management  
Natural Resource Management  
Environmental Education  
Parks, Wildlands Management  
Silviculture

Many additional specialties were listed among the departments, including remote sensing, mensuration, and molecular biology. Readers are encouraged to contact these departments for more information.

### Degree Programs and Accreditation

#### Bachelor of Science Programs

Range Science (with options in Rangeland Resources, Range Watershed Management, Ranch Management, and Natural Resources Conservation (accredited by the Society for Range Management, 1986)

Wildlife and Fisheries Sciences (with options in Vertebrate Biology, Wildlife Management, Fisheries Management, Aquaculture, Museum Science, Conservation Education)

Forest Science (with options in Forest Management and Urban Forestry; the Forest Management option is accredited by the Society of American Foresters, 1986.)

Recreation, Parks and Tourism Sciences (with options in Parks Administration, Tourism Management, and Natural Resources Conservation (accredited by the Southern Association of Colleges and Schools, 1981)

#### Master of Science Programs

\*Range Sciences  
\*Forest Science  
Plant Physiology  
\*Recreation and Resources Development

\*Wildlife and Fisheries Sciences  
Tree Genetics  
Natural Resource Development

\*These programs include non-thesis options

#### Master of Agriculture Programs

Range Science  
Aquaculture  
Environmental Analysis/Impact  
Museum Science  
Fisheries Science

Recreation and Resource Development  
Natural Resource Development  
Conservation Policy  
Conservation Education  
Wildlife Science

All programs are non-thesis and require an internship.

Doctor of Philosophy Programs

Range Science  
Wildlife and Fisheries Sciences

Forest Science  
Recreation and Resources Development

**Official Policy Toward Thesis Research in Home Country**

This is permissible with the consent of the graduate advisory committee, provided that there are adequate provisions for confirmation/supervision of research through faculty visits or adjunct faculty.

**International Courses and Workshops**

Courses or workshops offered by the Departments of Forest Science; Range Science; Wildlife and Fisheries Science; and Recreation, Park and Tourism Sciences which focus specifically on topics of interest to students from developing countries.

Course (C) Short Course (SC) or Workshop (W)	Undergrad, Graduate, or Mixed	Regular offering or by Demand	Credits	Times taught in the last five years	Range of Enrollment
Agroforestry (C)	Graduate	Regular	3 cr	2	12-18
Conservation & Sustainable Development Seminar (C)	Graduate	Demand	3 cr	1	10
Rainforest Seminar (C)	Graduate	Demand	1 cr	1	13
Conserv. Sustainable Devl. (W)	Mixed	Demand	0 cr	2	100
Conserv. Sustainable Devl. (C)	Graduate	Demand	3 cr	1	9
Conserv. in Tropical Caribbean (C)	Undergrad	Demand	1 cr	1 (new)	20

**Requirements for Admission of Foreign Students**

## Minimum TOEFL scores:

(Wildlife and Fisheries Sciences, Forest Science, Recreation/Parks/Tourism Sciences):  
Graduate and Undergrad.: 550

(Range Science) Graduate and Undergrad.: 500

## Minimum GRE scores:

(Forest Science): Verbal 400 Quant. 500 Analyt. ---  
(Wildlife/Fisheries Science): Verbal 450 Quant. 450 Analyt. ---  
(Recreation/Parks/Tourism Sciences) Verbal + Quant 900

SAT scores totalling 1000 are required for the admission of foreign undergraduates to the Wildlife/Fisheries Sciences program.

**Description of Student Body (1989 Figures)**

Program within Departments	Total No. of Students		No. of International students		No. of international students by geographical area				
	Grad	Undergr.	Grad	Undergr.	Latin America	Africa	Asia/ Pacific	Middle East	Other Countries
Range Science	45	90	20	6	8	5	4	2	7
Wildlife/Fisheries	139	353	20	2	13	-	4	2	3
Forestry Science	40	80	8	-	-	1	5	-	2
Rec/Park/Tourism	48	374	17	1	-	1	10	-	5

### Costs of Study and Funding Sources

Out-of-State Tuition/Fees per Academic Year(1989 Figures): Graduate \$ 3,372 Undergraduate \$ 3,324

Funding sources for foreign students:

For study in the United States:

<u>No. Foreign Funding Source</u>	<u>Students Funded</u>	
USAID	6	No funding sources are available for overseas fieldwork.
FAO	1	
Universities	15	
Self-supported	12	
ICAR/USAID/DFA	4	

There are no scholarships specifically for foreign students available at Texas A & M University.

### Facilities and Services for Foreign Students

- \* Office of International Students at Texas A & M University  
Handles orientation programs, helps students find local work and with transition into U.S., provides personal advising, assists with immigration problems, and stimulates cultural awareness and community involvement.
- \* Formal international student orientation programs
- \* Formal English as a Second Language courses for credit, offered to enrolled students
- \* Intensive English language training capability
- \* Active international student organizations
- \* Information packets describing the university and surroundings are sent to incoming foreign students.

### Setting and Important Facilities of School

Texas A & M University is located in Bryan-College Station, towns with a combined population of 110,000, located 140 miles from the Gulf of Mexico and within three hours' drive of the culturally diverse cities of Houston and San Antonio. Winters are mild, with temperatures averaging about 50 degrees F.

Texas A & M maintains a large number of research stations across the state of Texas, located in a variety of climatic zones which are similar to some international students' home countries. The Forest Science Department has a special laboratory addressing plant responses at the molecular level to drought; this is only lab of this type at any U.S. forestry school. Some laboratories and research personnel are well suited for agroforestry projects.

### Formal/Informal Links with Foreign Institutions

The **Forest Science Department** participates in a program with Winrock International, DFA and ICAR/USAID for forest scientists from India to visit U.S. forestry schools to study forestry education and research.

Cooperative agreements exist between the **Wildlife and Fisheries Department** and three Mexican universities (U. of Tamaulipas, Universidad Autonoma Agraria "Antonio Narro" and Universidad Autonoma of Guadajajara.

The **Recreation/Parks/Tourism Sciences Department** in cooperation with Office of International Coordinator is developing cooperative programs with: Chung Nom National University, Korea; Faculty

of Economics and Admin Services, Dukenz Eylubu University, Izmir, Turkey; and Cape Technikon, Capetown, South Africa. This department also has a formal agreement on tourism with Marmara University, Istanbul, Turkey.

The **Range Science Department** maintains links with the Department of Range Management of the University of Nairobi (Kenya) and the Department of Ecology at Hassan II University in Rabat, Morocco.

### Involvement in International Consortia

OTS (Organization for Tropical Studies)  
Archibald Tropical Research Center (Eastern Caribbean, Dominica)

#### Contacts at the University:

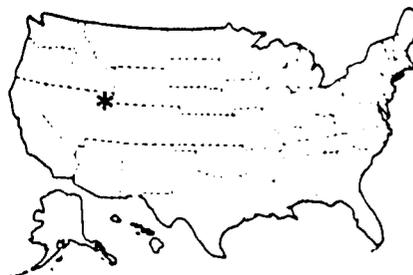
##### Contacts who supplied information

Edward J. Soltes Forest Science Department Horticulture/Forest Science Bldg. Texas A & M University College Station, TX 77843-2135 Phone: 409-845-8279 Fax: 409-845-6049	Janice Crenshaw Wildlife/Fish. Dept Texas A & M University Phone: 409-845-5704 Fax: 409-845-3786	J.L. Schuster Range Science Dept. Texas A & M University Phone: 409-845-5579 Fax: 409-845-6430
	Leslie M. Reid Rec & Parks Dept. Texas A & M University Phone: 409-845-0149 Fax: 409-845-0446	

### Profile of Faculty

The Departments employ 63 permanent appointment on-campus faculty.  
Of these, 16 have completed at least 1 cumulative year of professional foreign in-country experience.  
See Appendix A for an explanation of abbreviations.

Name	Highest Degree and Year	Ranked Specialty Areas	Cumulative No. of Foreign Grad Students Advised To Degree Compl.	International In-country Experience Country,Time,Activity	Language Fluency 5 point scale
M. Messina	Ph.D. 1983	PHYS, ARID SILV	1	New Zealand 3Y, RSCH.	
R. J. Newton	Ph.D. 1972	PHYS, ARID BOTY	6		
J. P. Van Buijtenen	Ph.D. 1956	TRIM, PHYS ARID	2	Netherlands COB.	Dutch 5.0
L.M. Reid	Ph.D. 1963	PARK, NARS URBN	11	Experience in several countries in Latin America, Europe, Asia, and Africa with a PVO (no details).	



## UTAH STATE UNIVERSITY

Department of Forest Resources

Logan, Utah

Utah State University is the land grant college of Utah. It has had large and important international agriculture and irrigation projects since the 1930's. Its international programs in range science and water management have been influential since the 1960's. Its international forestry effort has been and remains small, but it is well supported by strong sister programs in range science, agricultural and irrigation engineering. Utah State University's forestry program has emphasized agroforestry and tropical soils. However, there have been significant efforts in policy and administration, recreation and tree genetics and biology. The university has no formal international programs in other countries, but it hosts an average of six to eight foreign graduate students per year. The program at Utah State University is personalized and specific. The majority of foreign graduate students do their research in their home country.

### Specialty Areas at the University

Within the  
Department of Forest Resources:

Agroforestry  
Natural Resource Economics  
Natural Resource Management  
Social Forestry  
Watershed Management

Supporting Disciplines  
available at the University:

Range Improvement  
Irrigation Engineering  
Water Management  
Livestock Improvement  
Rural Development

### Degree Programs and Accreditation

#### Diploma in Forestry

A one year program in forestry.

#### Bachelor of Science Programs

Forestry  
Watershed Management

Recreation Resource Management

#### Master of Science Programs (approx. 2 years)

Forestry  
Ecology

Recreation Resource Management  
Watershed Management

Both thesis and non-thesis programs are available

#### Master of Forestry Programs (approx. 2 years)

Forestry (accredited by the Society of American Foresters, 1988)

#### Doctor of Philosophy Programs (approx. 4 years)

Forestry  
Ecology

Recreation Resource Management  
Watershed Management

### Official Policy Toward Thesis Research in Home Country

Such research is both allowed and encouraged by the department.

### International Courses and Workshops

Courses offered by the Department of Forest Resources which focus specifically on international resource issues or other topics of interest to students from developing countries.

Course (C) Short Course (SC) or Workshop (W)	Undergrad, Graduate, or Mixed	Regular offering or by Demand	Credits	Times taught in the last five years	Range of Enrollment
World Wildlife(C)	Undergrad	Regular	3 cr	5	20-30
Agroforestry(C)	Graduate	Regular	3 cr	5	10-20
Tropical Soils(C)	Graduate	Demand	3 cr	2	5-10
Pastoralism(C)	Undergrad	Regular	3 cr	5	20-30
International Range Management(C)	Graduate	Regular	3 cr	5	8-15

### Requirements for Admission of Foreign Students

Minimum TOEFL score, Graduate and Undergraduate Students: 550

GRE scores are not required for the admission of foreign students.

### Description of Student Body (1989 Figures)

Discipline within Department	Total No. of Students		No. of International students		No. of international students by geographical area				
	Grad	Undergr.	Grad	Undergr.	Latin America	Africa	Asia/ Pacific	Middle East	Other Countries
Forestry	20	60	4	-	-	-	3	1	-
Recreation	2	20	-	-	-	-	-	-	-
Watershed	6	10	2	-	-	1	1	-	-
Ecology	2	NA	-	-	-	-	-	-	-

### Costs of Study and Funding Sources

Out-of-State Tuition/Fees per Academic Year(1989 Figures): Graduate \$ 3,800 Undergrad \$ 3,500

Funding sources for foreign students:

For study in the United States:

<u>Funding Source</u>	<u>No. Foreign Students Funded</u>	
USAID	4	No funding sources are available for overseas fieldwork.
FAO	1	
Universities	1	

### Facilities and Services for Foreign Students

- \* Office of International Students (Utah State University)  
(Contact: Lucy Thompson Phone: (801) 750-1843)
- \* Formal international student orientation programs
- \* Family English language training (continuing ed)--survival English classes, etc.
- \* Formal English as a Second Language courses for credit, offered to enrolled students

- \* Intensive English language training capability
- \* Active international student organizations
- \* Information packets describing the university are sent to incoming foreign students.

### Setting and Important Facilities of School

The Utah State University, located in the high mountain valley town of Logan, which is centrally located to the national parks of the western United States. The university includes a large international student body.

The International Irrigation Institute and the Institute of Outdoor Recreation and Tourism are located at the Department of Forest Resources. The department also maintains a large international reference collection on watershed management.

### Involvement in International Consortia

CID (Consortium for International Development)

#### Contacts at the University:

##### Contact who supplied information

Acting Department Head  
Department of Forest Resources  
Utah State University  
Logan, Utah 84322-5215  
Phone: 801-750-2455  
Fax: 801-750-3798

##### Other Contacts

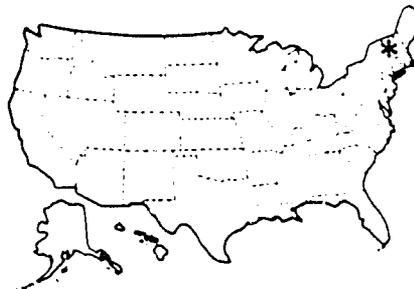
Charles Gay  
Dept. of Forest Resources  
Phone: 801-750-2445

James Kennedy  
Dept. of Forest Resources  
Phone: 801-750-2573

### Profile of Faculty

The Department of Forest Resources employs 15 permanent appointment on-campus faculty. Of these, 4 have completed at least one cumulative year of professional foreign in-country experience. Profiles of selected faculty members follow (See Appendix A for an explanation of abbreviations).

Name	Highest Degree and Year	Ranked Specialty Areas	Cumulative No. of Foreign Grad Students Advised To Degree Compl.	International In-country Experience Country, Time, Activity	Language Fluency 5 point scale
J.J. Kennedy	Ph.D. 1970	NECN, PERS PARK, POLY	2	Ireland 1Y EDUC; New Zealand 1Y RSCH, Netherlands 9M, Denmark 3M.	
R. Lanner	Ph.D. 1967	BOTY, PHYS TRIM	3	Many European Countries 2Y RSCH.	French 3.0
M. Jenkins	Ph.D. 1982	FIRE, ENTO		West Germany 9M RSCH.	French 2.0
J. N. Long	Ph.D. 1976	SILV, ENTO		Brazil 1M RSCH.	



## UNIVERSITY OF VERMONT

### School of Natural Resources

#### Burlington, Vermont

The School of Natural Resources focuses its programs in integrated natural resource study, research and outreach. Special emphasis is placed on forest ecosystem biology, water resources and outreach resource planning and management, including information system development and recreation and tourism. Our rural setting frequently leads to study and research that is of an appropriate scale to be transferred to developing countries. For example, the school has much experience in small woodlot management and extension, non-point agricultural pollution, citizen participation and environmental education, small community planning and using geographic information systems to assist in natural resource planning.

Individual faculty members and top level research staff seek opportunities to work with international students and for members to work internationally. The University of Vermont offers a broad, comprehensive curricula, and support program for international students, and is regularly in the top one hundred universities in the U.S. in terms of annual research support through grants and contracts.

#### Specialty Areas at the University

##### Within the School of Natural Resources

Conservation Biology  
Environment, Ecology  
Land Use Planning,  
Environmental Assessment  
Marine Fisheries & Resources  
Watershed Management

##### Supporting disciplines available at the University

Agriculture  
Biology  
Rural Development  
Education  
Engineering

#### Degree Programs and Accreditation

##### Bachelor of Science Programs

Forestry (accredited by the Society of American Foresters, 1970)	Environmental Studies - Natural Resources
Community Forestry and Horticulture	Resource Economics
Recreation Management	
Wildlife and Fisheries Biology	

##### Master of Science Programs

Forestry	Wildlife and Fisheries Biology
Water Resources	Natural Resource Planning (non-thesis & thesis)

#### Official Policy Toward Thesis Research in Home Country

There is no specific policy. The decision depends on needs of the student, department, and faculty.

#### Requirements for Admission of Foreign Students

Minimum TOEFL score, Graduate and Undergraduate Students: 550

Although GREs are required for the admission of foreign students, there is no minimum score requirement.

### International Courses and Workshops

Courses offered by the school which focus specifically on international resource issues, tropical studies, or other topics of interest to students from developing countries.

Course (C) Short Course (SC) or Workshop (W)	Undergrad, Graduate, or Mixed	Regular offering or by Demand	Credits	Times taught in the last five years	Range of Enrollment
Int'l Environmental Studies (C)	Undergrad	Regular	4 cr	5	80-130
Int'l Problems in NR Management (C)	Mixed	Regular	3 cr	2	10-15
Geographic Information Systems (C)	Mixed	Regular	3 cr	3 or 5	8-12
Toxic & Hazard Materials in Water(C)	Mixed	Regular	3 cr	4	15-35
Forest Watershed Management(C)	Mixed	Regular	3 cr	3	8-15
Environmental Interpretation(C)	Mixed	Regular	3 cr	4	22-35
Wildlife Population & Habitat Anal.(C)	Mixed	Regular	3 cr	5	10-18
Landscape Ecology (C)	Mixed	Regular	2 cr	new	20(est)
Tourism Planning (C)	Undergrad	Regular	3 cr	5	80-90
Fisheries Biology (C)	Undergrad	Regular	3 cr	5	18-25

### Sr. Level Professional Programs / Integrated Course Studies:

All curricula are integrated with broad natural resource emphasis. For example:

- Environmental Policy
- Natural Resources Planning: Theory & Methods
- Outdoor Recreation Planning
- Environmental Impact Assessment

### Description of Student Body (1989 Figures)

Discipline within School	Total No. of Students		No. of International students		No. of international students by geographical area				
	Grad	Undergr.	Grad	Undergr.	Latin America	Africa	Asia/ Pacific	Middle East	Other Countries
Environmental Studies -	107	-	-	-	-	-	-	-	-
Forestry	8	32	-	-	-	-	-	-	-
Recreation Mgmt.	-	67	-	-	-	-	-	-	-
Resource Economics	-	18	-	-	-	-	-	-	-
Wildlife & Fisheries	7	78	-	-	-	-	-	-	-
NR Planning	44	-	-	-	-	-	-	-	-
Community For.& Hort.-	-	8	-	-	-	-	-	-	-

### Costs of Study and Funding Sources

Out-of-State Tuition/Fees per Academic Year (1989 Figures): Graduate & Undergraduate \$ 11,650.

### International Opportunities for U.S. Students

The U.S. Peace Corps maintains a recruiting office on the campus.

### Facilities and Services for Foreign Students

- \* Office of International Students  
(William Stone, Director. See Contacts box.)  
-- Provides counseling for foreign students with academic and personal concerns, a special orientation and membership in the international club, and assists with immigration and naturalization regulations.
- \* Formal English as a Second Language courses for credit, offered to enrolled students.
- \* Intensive English language training capability
- \* Active international student organizations
- \* Cultural Diversity Orientation program for all students
- \* Information packets describing the university and surroundings are sent to incoming foreign students.

### Setting and Important Facilities of School

The University of Vermont is located in Burlington, a city of 40,000 inhabitants, bordered by Lake Champlain and the Green Mountains. The city is rich in cultural activities and a short distance from the best ski centers east of the Rocky Mountains. Vermont is rural and highly dependent on renewable natural resources for its manufacturing and tourism base. Three major cities are easily accessible by public transportation: Montreal (100 miles), Boston (200 miles) and New York City (300 miles).

The university is within close proximity and has a cooperative relationship with four local colleges and universities, two of which have substantial enrollment of international students.

The University of Vermont maintains the George D. Aiken Center for Natural Resources, the USDA Northeast Forest Experiment Station and the Center for Cultural Pluralism.

### Formal/Informal Links with Foreign Institutions

University of Vermont is a sister university with both the University of El Salvador and University of Suriname.

#### Contacts at the University:

##### Contact who supplied information

Lawrence K. Forcier, Dean  
School of Natural Resources  
University of Vermont  
Burlington, VT 05405  
Phone: 802-656-4280  
Fax: 892-656-8683

##### Other Contacts:

William Stone, Director  
Office of Int'l Education  
University of Vermont  
Phone: 802-656-4296

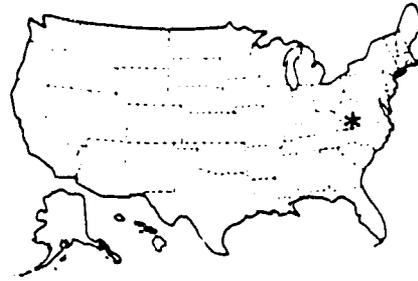
Ralph Swenson  
Graduate College Admissions  
University of Vermont  
Phone: 802-656-2699

### Profile of Faculty

The school employs 27 permanent appointment on-campus faculty.  
Of these, 6 have completed at least one cumulative year of professional foreign in-country experience.

Profiles of selected faculty members follow (See Appendix A for an explanation of abbreviations).

Name	Highest Degree and Year	Ranked Specialty Areas	Cumulative No. of Foreign Grad Students Advised To Degree Compl.	International In-country Experience Country, Time, Activity	Language Fluency 5 point scale
G. LaBar	Ph.D. 1979	FISH, BIOL ENTO	0	Venezuela 3Y EDUC; Colombia 6M; Spain 6M.	Spanish 4.0 Portug. 2.0
R. Manning	Ph.D. 1975	PARK, LAUS MGMT, NECN	0		
A. Gilbert	Ph.D. 1970	MGMT, NECN PROD	0	Ecuador 2Y PC.	
D. Bergdahl	Ph.D. 1979	PATH, FIRE SOIL	0	Vietnam 1Y MIL.	
L. King	Ph.D. 1983	EECN, INTL LAUS	0	Canada 7Y STU; Canada 4Y STE; England 4Y STU; France 1Y STU; South Africa 1Y EDUC; England COB.	
J. Flack	Ph.D. 1970	LAUS, LAWS INTL	0	England COB; New Zealand 5Y RSCH.	
D. Wang	Ph.D. 1984	FIRE, ENVT MGMT	0		
C. Newton	Ph.D. 1971	MGMT, COMP MENS	0	Norway 1Y RSCH.	Norweg. 2.5
P. Hannah	Ph.D. 1967	SILV, SOIL TRIM	0		French 3.0 German 3.0

**VIRGINIA POLYTECHNIC INSTITUTE****School of Forestry and Wildlife Resources****Blacksburg, Virginia**

The School of Forestry and Wildlife Resources at Virginia Polytechnic has considerable experience in international programs and in the education of students from other countries. More than 20% of the sixty-eight faculty have had significant overseas experience, and virtually every faculty member has been involved in the development of graduate programs for foreign students. International projects have ranged from reforestation projects in Haiti to development and implementation of a B.S. program in natural resources management in Nepal, and from a project to increase research capabilities of the Instituto de Pesquisas Technologicas in Brazil to development and refinement of forest-based energy technologies in Scandinavia and Great Britain. Twenty-five percent of current graduate students are from more than twenty foreign countries. The school's international experience and educational programs include both developing countries and nations with advanced technology.

**Specialty Areas at the University**Within the School of  
Forestry & Wildlife Resources

Natural Resource Economics  
Mensuration, Inventory  
Natural Resource Management  
Regeneration  
Wildlife Management

Supporting disciplines  
available at the Virginia Polytechnic

Agriculture  
Data Processing, Computers  
Integrated Pest Management  
Land Use Planning, Environmental Assessment  
Soil Science

**Degree Programs and Accreditation**Bachelor of Science in Forestry Programs

Forest Resource Management (accredited by the Society of American Foresters, 1965)  
Industrial Forestry Operations (accredited by the Society of American Foresters, 1965)  
Forestry Business (accredited by the Society of American Foresters, 1965)  
Fisheries Science (certified by American Fisheries Society)  
Wildlife Management (certified by the Wildlife Society)  
Forest Products Utilization, Forest Products Marketing (accredited by the Society of Wood Science and Technology, 1984)  
Environmental Conservation  
Outdoor Recreation

Master of Science Programs

Silviculture  
Ecology  
Management/Economics  
Forest Biometrics  
Geographic Information Systems  
Forest Products  
Forest Products Marketing  
Wildland Recreation

Soils  
Physiology  
Industrial Forestry Operations  
Remote Sensing  
Artificial Intelligence  
Wood Science and Technology  
Fisheries Biology  
Wildlife Biology

All MS programs require a thesis.

**Master of Forestry Programs**

Silviculture	Soils
Ecology	Plant Physiology
Management/Economics	Industrial Forestry Operations
Forest Biometrics	Remote Sensing
Geographic Information Systems	Artificial Intelligence
Wildland Recreation	Wildlife Biology
Forest Products	

MF programs do not require a thesis.

**Doctor of Philosophy Programs**

Silviculture	Soils
Ecology	Physiology of Plants/Trees
Management/Economics	Industrial Forestry Operations
Forest Biometrics	Remote Sensing
Geographic Information Systems	Artificial Intelligence
Forest Products	Wood Science and Technology
Forest Products Marketing	Fisheries Biology
Wildland Recreation	Wildlife Biology

**Official Policy Toward Thesis Research in Home Country**

No policy limits the location at which thesis research may be conducted.

**International Courses and Workshops**

Courses offered by the school which focus specifically on international resource issues, tropical studies, or other topics of interest to students from developing countries.

Course (C) Short Course (SC) or Workshop (W)	Undergrad, Graduate, or Mixed	Regular offering or by Demand	Credits	Times taught in the last five years	Range of Enrollment
World Forestry (C)	Undergrad	Regular	3 cr	3	12-20
International Forestry (C)	Mixed	Demand	1 cr	1	12
Pesticide Applicator (SC)	Mixed	Demand	0 cr	5	40-75
Microcomputers for Economic Analysis (SC)	Mixed	Demand	0 cr	3	15-25
Point Sampling(SC)	Mixed	Demand	0 cr	1	15

**Sr. Level Professional Programs / Integrated Course Studies**

FOR 4424 - Forest Resource Management (4 cr): Organization, management, and control of forest resources to meet and coordinate various ownership objectives.

FOR 4114 - Computer Applications in Natural Resources (3 cr): Overview of characteristics, uses, and limitations of computer applications in natural resources.

FOR - 4444- Forest Administration and Planning (3 cr): Integrates principles and procedures learned in forest economics and management with those in administration and planning.

**Requirements for Admission of Foreign Students**

Minimum TOEFL score, Graduate Students: 550

Undergraduates: 600

GREs are required for the admission of foreign students.

Other Requirements:

Both SAT and Achievement Tests in English composition and mathematics are required of freshman applicants.

**Description of Student Body (1989 Figures)**

Discipline within School	Total No. of Students		No. of International students		No. of international students by geographical area				
	Grad	Undergr.	Grad	Undergr.	Latin America	Africa	Asia/ Pacific	Middle East	Other Countries
Forestry	54	143	20	-	2	1	8	-	9
Wildlife	33	148	2	1	-	-	2	-	-
Fisheries	30	34	-	-	-	-	-	-	-
Wood Science & Forest Products	25	34	11	-	-	-	9	-	2

**Costs of Study and Funding Sources**

Out-of-State Tuition/Fees per Academic Year(1990 Figures): Graduate \$ 3,600 Undergraduate \$ 5,406

Funding sources for foreign students:

For study in the United States.

<u>Funding Source</u>	<u>No. Foreign Students Funded</u>	
USAID	2	No funding sources are available for overseas fieldwork.
Universities	11	
Foundations, PVOs	1	
Self-supported	3	
Research contracts	13	
Student's government	4	

**International Opportunities for U.S. Students**

Virginia Polytechnic participates in the Virginia Council for Study Abroad (for summer programs) and International Student Exchange Program (for academic year programs).

**Facilities and Services for Foreign Students**

- \* The Cranwell International Center provides a focus for social and support programs for international students and their families.
- \* Temporary housing for international students can be found at the Hillcrest Residence Hall until more permanent accommodations become available.
- \* Formal international student orientation programs
- \* Family English language training (continuing ed)--survival English classes, etc.
- \* Formal English as a Second Language courses for credit, offered to enrolled students
- \* Intensive English language training capability
- \* Active international student organizations
- \* Information packets describing the university and surroundings are sent to incoming foreign students.

### Setting and Important Facilities of School

Virginia Polytechnic Institute is located in a relatively small town of 31,000 but is within four to five hour by car from Washington, DC. The university is located between the Blue Ridge Mountains on the east and the Jefferson National Forest just a few miles to the west. Abundant outdoor recreational opportunities exist. University grounds at Blacksburg cover about 2,600 acres and include an airport, farm, orchards, and experimental plots.

The School of Forestry and Wildlife Resources maintains a center for quantitative studies, which includes hardware and software for all kinds of computer applications.

### Formal/Informal Links with Foreign Institutions

Virginia Tech was one of three universities involved in Nepal's Resource Conservation and Utilization Project, 1980-1985, funded by USAID. Virginia Tech's Department of Forestry, in a joint venture with SECID and Louis Berger International, is currently working on a reforestation project in Senegal (USAID, host-country contract). A Memorandum of Understanding (MOU) exists between Virginia Tech's School of Forestry and Wildlife Resources and China's Harbin Forestry University, which provides for faculty and student exchanges and other forms of cooperation. A similar MOU exists with Kasetsart University in Thailand.

### Involvement in International Consortia

SECID (Southeast Consortium for International Development)

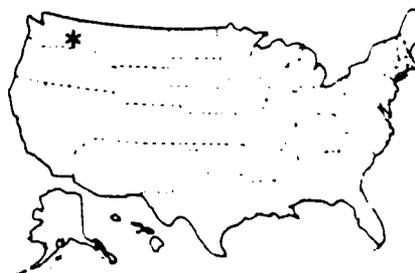
<b>Contacts at the University:</b>		
<u>Contact who supplied information</u>	<u>Other Contacts</u>	
Robert E. Adams, Head Department of Forestry Virginia Polytechnic Institute and State University Blacksburg, VA 24061-0324 Phone: 703-231-5482 Fax: 703- 231-3330 Telex: 9103331861 VPI BKS	Geza Ifju, Head Department of Wood Sci. & Forest Products Virginia Polytechnic Inst. Phone: 703-231-5330	Bernard E. LaBerge Assistant Dean Graduate School Virginia Polytechnic Inst. 703-231-5573
	Larry A. Nielsen, Head Fisheries and Wildlife Virginia Polytechnic Inst. Phone: 703-231-5573	

### Profile of Faculty

The School of Forestry and Wildlife Resources employs 68 permanent appointment on-campus faculty. Of these, 13 have completed at least one cumulative year of professional foreign experience.

Name	Highest Degree and Year	Ranked Specialty Areas	Cumulative No. of Foreign Grad Students Advised To Degree Compl.	International In-country Experience Country, Time, Activity	Language Fluency 5 point scale
H. W. Wisdom	Ph.D. 1965	FECN, MKTG NECN, MGMT	2	Caribbean Is. 15Y INDY; Panama 3Y NAT, AID; Ethiopia 6M; Pakistan 3M; Australia 2M; Bahamas.	Spanish 3.5

W. B. Stuart	Ph.D. 1980	HARV, ENER ROAD	5	New Zealand 1Y RSCH; Brazil 2M; United Kingdom 1M; Sweden 1M.
J. W. Roggenbuck	Ph.D. 1975	PARK, ENED COMM, SOIL	1	Australia 6M INST; Australia 6M STE.
W. A. Leuschner	Ph.D. 1969	FECN, MGMT LAUS, SOCL	2	Bangladesh 1M AID; Nepal 3W; Bhutan 3W; Thailand 2W.
S. M. Zedaker	Ph.D. 1981	REGN, SILV ENVT, PEST	0	South Africa 2W EDUC/INDY; Switzerland 1W EDUC.
H. E. Burkhart	Ph.D. 1969	MENS, PLNT MGMT, COMP	4	New Zealand 1Y RSCH; India 2W; Brazil 1W; China.
R. H. Giles, Jr.	Ph.D. 1964	WLMG, COMP LAUS, ENVT	0	India 1M EDUC; China 1M.
L. A. Helfrich	Ph.D. 1976	EXTN, FISH POLY, EDUC	0	Sri Lanka 3M AID.
J. E. Johnson	Ph.D. 1981	SILV, MGMT SOIL, EXTN	0	West Germany 1M EDUC; Poland 1W; Hungary 1W.
R. J. Kirkpatrick	Ph.D. 1966	WLMG, PEST ANIM, AGRI	0	Nigeria 2Y AID.
D. W. Smith	Ph.D. 1970	SILV, REGN MGMT, SOIL	0	Haiti 1M RSCH.
R. E. Adams	Ph. D. 1973	EDUC, MGMT NARS, REGN,	2	Nepal 3Y AID.



## WASHINGTON STATE UNIVERSITY

### Natural Resource Sciences

Pullman, Washington

Washington State University is the land grant university for the state of Washington, and provides a comprehensive program which encompasses research, instruction, extension, and public service. International development activities are an integral part of the university. Involvement in development activities began in Pakistan in 1954, and presently encompasses ongoing projects in Africa, Asia, South America and the Middle East.

Washington State University is one of five universities to implement a Type I Memorandum of Understanding Grant with USAID, through which it provides extensive program support to development projects in agricultural production and natural resource management (an average of over \$6,000,000 per year dollar volume of business with USAID). All of the development projects with which Washington State has been involved have included the provision of relevant training. This has included degree and non-degree training in the U.S., the host country, and third country. Emphasis for the design of training programs is placed upon the relevance to host country needs.

Natural Resource Sciences maintains particular expertise in both range sciences and agroforestry (in 1989, Washington State University hosted the International Symposium on Agroforestry). Within the department, seven faculty (two international and five resident) have international research experience.

### Specialty Areas at the University

#### Within Natural Resource Sciences

Agroforestry  
Forest Economics  
Natural Resource Management  
Range Management, Livestock  
Wildlife Management

#### Supporting disciplines available at the University

Natural Resource Economics  
Integrated Pest Management  
Land Use Planning, Environment Assessment  
Marketing, Trade, Coops  
Remote Sensing

### Degree Programs and Accreditation

#### Bachelor of Science Programs

Forest Management (accredited by the Society of American Foresters, 1982)  
Range Management (accredited by the Society of Range Management, 1985)  
Wildlife Management  
Wildlife Biology  
Wildland Recreation

#### Master of Science Programs

Forest Management  
Wildlife Biology  
Range Management  
Wildland Recreation

Both thesis and non-thesis options are offered.

### Official Policy Toward Thesis Research in Home Country

Washington State University supports research in home country. However, two semesters on the campus are required prior to such research.

### International Courses and Workshops

Courses offered by Natural Resource Sciences which focus specifically on international resource issues, tropical studies, or other topics of interest to students from developing countries.

Course (C) Short Course (SC) or Workshop (W)	Undergrad, Graduate, or Mixed	Regular offering or by Demand	Credits	Times taught in the last five years	Range of Enrollment
CEFES (\$2,000 cost) (SC)	Graduate	Demand	6 cr	3	18-30
Growth & Yield (\$300) (SC)	Graduate	Demand	0 cr	3	15-25
Financial Analysis (\$300) (SC)	Graduate	Demand	0 cr	8	15-25
Genetic Education (SC)	Graduate	Demand	0 cr	7	20-40
Conservation Biology (\$500) (SC)	Mixed	Demand	0 cr	0	15 minimum

### Requirements for Admission of Foreign Students

Minimum TOEFL score, Graduate Students: 550 Undergraduate Students: 520

Minimum GRE scores: Verbal 500 Quant. 500 Analyt. 500

Generally, 1200 is used for total of verbal and quantitative scores, although an exception can be made for extenuating circumstances for a single score.

### Description of Student Body (1989 Figures)

Discipline within the Department	Total No. of Students		No. of International students		No. of international students by geographical area				
	Grad	Undergr.	Grad	Undergr.	Latin America	Africa	Asia/ Pacific	Middle East	Other Countries
Natural Resources	12	160	3	1	-	3	-	-	1

### Costs of Study and Funding Sources

Out-of-State Tuition/Fees per Academic Year(1989 Figures): Graduate \$ 7,578 Undergraduate \$ 5,082

Funding sources for foreign students:

#### For study in the United States:

<u>Funding Source</u>	<u>No. Foreign Students Funded</u>
USAID	3

There are no scholarships specifically for foreign students available at Washington State University.

### International Opportunities for U.S. Students

Those interested are invited to contact the Study Abroad Program, Office of International Education, Washington State University, Pullman, WA 99164-5110.

### Facilities and Services for Foreign Students

- \* Office of International Education (OIE)  
This office provides for the placement and support of international students in both degree and non-degree programs, and provides services such as orientation, administrative support, assistance with Visas and immigration regulations, and cultural information to facilitate adjustment to the U.S. and re-entry to the host country. The OIE also coordinates English language training, and works to promote international understanding on the campus.
- \* International Program Development Office (IPDO)  
This office is responsible for overall planning, development and management of the university's international activities.
- \* Intensive English language training capability (through the Intensive American Language Center)
- \* Active international student organizations
- \* Information packets describing the university and surroundings are sent to incoming foreign students.

### Setting and Important Facilities of School

Washington State University is located in the small town of Pullman, approximately 90 miles from Spokane (which has a population of approximately 200,000). Washington State University has an enrollment of 17,700. The surrounding area has an agricultural-based economy with peas, lentils and wheat as the major crops. Pullman has numerous outdoor recreation opportunities (i.e. hunting, fishing, skiing, backpacking, boating).

The International Program Development Office (IPDO) supports more than sixty-four faculty working overseas in twenty-four countries, and is in the top five such university programs nationally in USAID for international development funding.

The Woods Materials & Engineering Lab was named one of the nation's top four programs funded by McIntire-Stennis Cooperative Forest Resource Programs. In addition, the university maintains an international section in its library, staffed by two librarians; the International Marketing Program for Agricultural Commodities and Trade Center, which provides expertise in international agricultural trade and marketing and funds for interdisciplinary research and training; and the Washington Agricultural Statistics Service, which collects and analyzes state agricultural statistics.

### Involvement in International Consortia

CID (Consortium for International Development; through involvement in Malawi project.)

#### Contacts at the University:

##### Contact who supplied information Other Contacts

F. F. Gilbert  
Natural Resource Sciences  
Washington State University  
Pullman, WA 99164  
Phone: 509-445-6166  
Fax: 509-335-7862

Felicia Gaskins  
Office of Int'l Education (OIE)  
Washington State University  
Phone: 509-335-4508  
Fax: 509-335-2373  
Telex: 510-774-1091

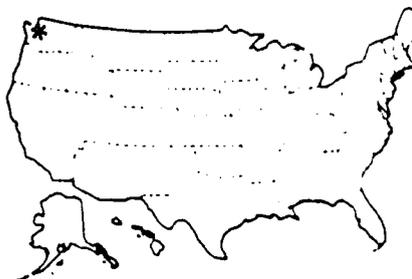
James Henson  
Int'l Program Development  
Office (IPDO)  
Washington State University  
Phone: 509-335-2541  
Fax: 509-335-2982  
Telex: 510-774-1099

### Profile of Faculty

Natural Resource Sciences employs 19 permanent appointment on-campus faculty.  
Of these, 4 have completed at least one cumulative year of professional foreign in-country experience.

Profiles of selected faculty members follow (See Appendix A for an explanation of abbreviations).

Name	Highest Degree and Year	Ranked Specialty Areas	Cumulative No. of Foreign Grad Students Advised To Degree Compl.	International In-country Experience Country, Time, Activity	Language Fluency 5 point scale
L. H. Hardesty	Ph.D. 1986	AGRO, RANG NARS, ENVT	1	Brazil 3Y RSCH; Portugal 1M; Jordan 2W.	Portug. 4.0 Spanish 2.0
J. Tiedeman	Ph.D. 1978	RANG, AGRO ARID, SCON	4	Lesotho 4Y RSCH; Tunisia 2Y AID; Many Near Eastern Countries 1M.	French 2.5
T. Bunderson	Ph.D. 1980 (Kenya)	RANG, ECOL MGMT		Kenya COB, STU; Sudan 5Y AID; Malawi 3Y AID.	Swahili 5.0 Arabic 2.0 French 3.0
C. J. Goebel	Ph.D. 1960	NARS, RANG MGMT, AGRO	4	Morocco 2Y AID; Lesotho 2Y AID; South Pacific Is./Marshall Is. 1.5Y; Australia 4M; New Zealand 4M.	French 2.5
D. Baumgartner	Ph.D. 1969	EXTN, MGMT SILV, SOCL	1	West Germany 2M EDUC; Japan 1M; Yugoslavia 3W; USSR 2W; United Kingdom 1W.	
D. Scarnecchia	Ph.D. 1982	RANG, NATR AGRO	1	Jordan 1M CONS.	French 3.0
B. F. Roche	Ph.D. 1965	BOTY, RANG NARS, EXTN	4	Lesotho 2M AID.	Spanish 2.0
F. Gilbert	Ph.D. 1968	WLMG, NARS BIOL, BDIV	3	Canada COB.	French 5.0
J. Nelson	Ph.D. 1969	NARS, WLMG RANG, CBIO	0	Canada 1Y.	
J. Bassman	Ph.D. 1980	AGRO, BOTY PHYS, SILV	1	Malawi 2M AID.	
B. A. Zamora	Ph.D. 1975	BOTY, ENVT FIRE, RANG	1		
C. Robbins	Ph.D. 1973	WLMG		South Africa 2M.	



## UNIVERSITY OF WASHINGTON

### College of Forest Resources

#### Seattle, Washington

Research conducted in the College of Forest Resources at the University of Washington focuses on domestic and international "global" issues. The college holds a position of national and international leadership in both instruction and research. Its location in one of the world's largest forest regions provides unique opportunities for field classes and research, actual management of forested lands, exposure to wood-based industries, and awareness of resource-use issues.

Present research thrusts include forest policy analysis, stand management, riparian zone management, forest ecosystem analysis, international trade in forest products, forest biotechnology, forest engineering, pulp and paper science, and forest products business and manufacturing. Topics of study are selected not only to foster the interests of individuals and groups in the Pacific Northwest region, but also to promote the scientific community at large. In addition, international research programs of interest to the State of Washington are administered within the college.

#### Specialty Areas at the University

##### Within the College of Forest Resources

Forest Economics  
Environment, Ecology  
Forest Management  
Pulp and Paper  
Silviculture and Forest Protection

##### Supporting disciplines available at the University

Botany, Plant Science  
International Affairs, Political Science  
Biology  
Engineering  
Environmental Law

#### Degree Programs and Accreditation

##### Bachelor of Science Programs

Forest Resource Management  
Pulp and Paper Science  
Wood Products--Manufacturing and Business

Forest Engineering  
Wildlife Science

##### Master of Science Programs

Wildlife Science  
Forest Economics  
Pulp and Paper Science  
Forest Engineering  
Urban Horticulture  
Silviculture and Forest Protection

Quantitative Resource Management  
Social Science  
Forest Hydrology  
Forest Products  
Forest Ecosystems Analysis

All programs except Wildlife Science include both thesis and non-thesis options.

##### Master of Forest Resources Programs

Wildland Fire Management  
Urban Horticulture  
Natural Ecosystem Management

Silviculture  
Urban-Forest Interface Studies  
Park Management & Wildland Recreation

All programs include both thesis and non-thesis options.

Doctor of Philosophy Programs

Ph.D. programs are offered in the same disciplines as the MS.

**Official Policy Toward Thesis Research in Home Country**

Students are encouraged to complete course work and thesis/dissertation research while enrolled at the university. However, special consideration may be given to international students who wish to specialize in research in their home countries.

**International Courses and Workshops**

Courses or workshops offered by the College of Forest Resources which focus specifically on international resource issues, tropical studies, or other topics of interest to students from developing countries.

Course (C) Short Course (SC) or Workshop (W)	Undergrad, Graduate, or Mixed	Regular offering or by Demand	Credits	Times taught in the last five years	Range of Enrollment
International Wildlife (C)	Mixed	Demand	3 cr	1	5-30
Forestry-Fisheries Interactions (C)	Mixed	Demand	4 cr	1	10-30
International Forest Products (C)	Graduate	Regular	3 cr	1	5-8
Hydrology (C)	Mixed	Regular	4 cr	3	10-30
Ecosystems (W)	Graduate	Regular	1 cr	3	10-30
International Silviculture (C)	Mixed	Regular	3 cr	4	10-30
Economics of Timber (C)	Mixed	Regular	3 cr	3	10-30
Forest Econ and Supply (C)	Graduate	Regular	3 cr	2	5-10
Industry Market Management (C)	Graduate	Regular	3 cr	1	5-10
Pulp and Paper Analysis (C)	Graduate	Regular	4 cr	1	5-10

**Description of Student Body (1989 Figures)**

Discipline within the College	Total No. of Students		No. of International students		No. of international students by geographical area				
	Grad.	Undergr.	Grad	Undergr.	Latin America	Africa	Asia/ Pacific	Middle East	Other Countries
Forest Management	-	63	-	-	-	-	-	-	-
Pulp and Paper	18	56	10	2	4	1	6	-	1
Forest Products	3	3	1	-	-	-	1	-	-
Forest Hydrology	8	-	1	-	-	-	1	-	-
Forest Engineer.	2	15	1	-	-	-	1	-	-
Ecosystems Anal.	42	-	8	-	1	-	5	-	1
Social Science	29	-	7	-	1	-	5	-	1
Silviculture	14	-	3	-	2	-	-	-	1
Quant Res. Mgmt	7	-	2	-	-	-	2	-	-
Wildlife	14	11	3	-	1	-	1	-	1
Forest Economics	14	-	4	-	-	-	2	-	2
Urban Horticulture	13	-	1	-	-	-	1	-	-

### Sr. Level Professional Programs / Integrated Course Studies

Graduate-level course studies are offered in different colleges on the University of Washington campus:

International Studies	Botany
Biology	Ocean and Fishery Sciences

A concurrent Master's Degree in Forest Resources and International Studies is offered through a cooperative program between the College of Forest Resources and Jackson School of International Studies on the University of Washington campus.

### Costs of Study and Funding Sources

Out-of-State Tuition/Fees per Academic Year(1989 Figures): Graduate \$ 7,083 Undergraduate \$ 5,082

Funding Sources for foreign students:

#### For study in the United States:

<u>Funding Source</u>	<u>No. Foreign Students Funded</u>	
U.S. Gov't (not USAID)	2	No funding sources are available for overseas fieldwork.
Universities	3	
Self-supported	28	
Other	10	

All qualified international and domestic students may compete for scholarships and fellowships. None exist specifically for international students.

### Facilities and Services for Foreign Students

- \* Office of International Services (maintained by the University of Washington)  
(459 Schmitz Hall, PB-12 Phone: 206-543-0840)  
--Assistance during visa application, immigration, and enrollment procedures
- \* Office of Graduate Admissions houses an international counselor  
-- Provides assistance during application procedures
- \* Formal international student orientation programs
- \* Formal English as a Second Language courses for credit, offered to enrolled students
- \* Intensive English language training capability
- \* Active international student organizations
- \* Information packets describing the university and surroundings are sent to incoming foreign students.

### Setting of the School

The University of Washington is located in Seattle, a large metropolitan area which is a major center for international trade (including forest products) among Pacific Rim countries. The campus is situated in the midst of the city on Portage Bay (Lake Washington). Seattle is home to many professional sports teams, and presents major cultural events. The campus is close to forested areas in the Cascade and Olympic mountain ranges, which provide excellent opportunities for field studies and research in all areas of forest resources, as well as outdoor recreation.

The College of Forest Resources maintains the Center for International Trade in Forest Products (CINTRAFOR), which contributes research and publications on the international forest products business (especially in regard to trade with Pacific Rim countries).

**Formal/Informal Links with Foreign Institutions**

University of Washington faculty conduct research and consulting activities in international and governmental programs in Nepal, Costa Rica, Ecuador, Japan, and China.

**Involvement in International Consortia**

CID (Consortium for International Development)  
 MUCIA (Midwest Universities Consortium for International Activities)

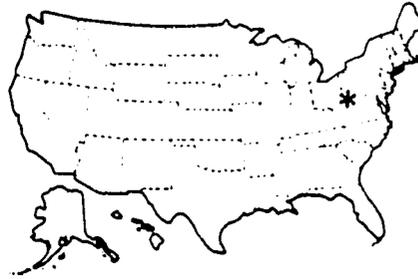
<b>Contacts at the University:</b>	
<u>Contact who supplied information</u>	<u>Other Contacts</u>
Cherie Renfrow-Starry Dir, Office of Student Services College of Forest Resources University of Washington Seattle, WA 98195 Phone: 206-543-7081 Fax: 206-543-3254	Dale W. Cole, Associate Dean College of Forest Resources Phone: 206-545-1946  Gerard Schreuder, Chair (Forest Products) College of Forest Resources Phone: 206-545-0687

**Profile of Faculty**

The Department of Forest Resources employs 45 permanent appointment on-campus faculty. Of these, 10 have completed at least one cumulative year of professional foreign in-country experience.

Profiles of selected faculty members follow (See Appendix A for an explanation of abbreviations).

Name	Highest Degree and Year	Ranked Specialty Areas	Cumulative No. of Foreign Grad Students Advised To Degree Cmpl.	International In-country Experience Country,Time,Activity	Language Fluency 5 point scale
R. Gara	Ph.D. 1964	ENTO, SILV	9	Chile 10Y PC; Costa Rica 5Y RSCH; Ecuador 3Y RSCH.	Spanish 4.0
G. Schreuder	Ph.D. 1968	FECN, REMS	14	RSCH in China, Japan, S.Korea, Mali, Pakistan, Italy (no details supplied).	Dutch 5.0 German 5.0 Spanish 4.0 French 4.0 Malayan 4.0
W. P. Smith	Ph.D. 1981	PROD, MKTG	5	RSCH in France, Italy, Spain, Malawi, Korea, Japan (no detail).	



**WEST VIRGINIA UNIVERSITY**

**Division of Forestry**

**Morgantown, West Virginia**

**Specialty Areas at the University**

Within the  
Division of Forestry

Fresh Water Fisheries  
Parks, Wildlands Management  
Forest Management  
Forest Products, Wood Utilization  
Wildlife Management

Supporting disciplines  
available at the University

Agriculture  
Agronomy  
Animal Science  
Natural Resource Economics  
Marketing, Trade, Coops

**Degree Programs and Accreditation**

Bachelor of Science Program

Forest Resource Management  
Wildlife and Fish Resources

Wood Industries  
Recreation and Park Management

Master of Science Program

Forestry  
Recreation and Parks (non-thesis)  
Wildlife and Fish Management (thesis and non-thesis)

Forest Management  
Forest Hydrology

Master of Forestry Program

Forestry

Doctor of Philosophy Program

Ph.D. in Forest Resources Science is offered in the following areas:  
Forest Science  
Wildlife and Fisheries Science  
Wood Science

**International Courses and Workshops**

Courses offered by the Division of Forestry which focus specifically on international resource issues, tropical studies, or other topics of interest to students from developing countries.

<u>Course (C) Short Course (SC) or Workshop (W)</u>	<u>Undergrad, Graduate, or Mixed</u>	<u>Regular offering or by Demand</u>	<u>Credits</u>	<u>Times taught in the last five years</u>	<u>Range of Enrollment</u>
International Forestry (C)	Graduate	Regular	3 cr	2	10
Global Forestry and Environmental Problems (C)	Undergrad	Demand	3 cr	1 (new)	20
Wildlife and Fish Policy (C)	Mixed	Regular	3 cr	5	30
Forest Policy (C)	Mixed	Regular	3 cr	10	25
Wilderness Policy (C)	Mixed	Regular	3 cr	5	35

### Official Policy Toward Thesis Research in Home Country

Research in home country is encouraged if funds are available.

### Sr. Level Professional Programs / Integrated Course Studies

Many such courses offered in the disciplines of forest management, recreation and parks, wood science and wildlife and fisheries, such as silviculture, wildlife, fisheries, and wilderness policy.

### Requirements for Admission of Foreign Students

Minimum TOEFL score, Graduate, Undergraduate Students: 550

The GRE is required for all prospective of foreign students, but there is no minimum score for master's level admission.

### Description of Student Body (1989 Figures)

Discipline within Division of Forestry	Total No. of Students		No. of International students		No. of international students by geographical area				
	Grad	Undergr.	Grad	Undergr.	Latin America	Africa	Asia/ Pacific	Middle East	Other Countries
Forest Management	8	71	1	1	1	1	-	-	-
Recreation/Parks	13	82	-	-	-	-	-	-	-
Wildlife/Fisheries	26	129	3	1	-	-	2	-	2
Wood Industries	4	25	1	-	1	-	-	-	-

### Costs of Study and Funding Sources

Out-of-State Tuition/Fees per Academic Year(1989 Figures): Graduate \$ 3,496 Undergraduate \$ 3,296

Funding sources for foreign students:

For study in the United States:

<u>Funding Source</u>	<u>No. Foreign Students Funded</u>	
U.S. Grant (not USAID)	1	No funding sources are available for overseas fieldwork.
FAO	1	
Universities	2	

No scholarships exist specifically for foreign students. A limited number of tuition waivers may be available for international students.

### Facilities and Services for Foreign Students

- \* The University of West Virginia maintains an Office of International Students and Foreign Scholars that coordinates student affairs, with special admissions personnel to assist international students. The College of Agriculture and Forestry has a separate Divisions of International Agriculture and Forestry.
- \* Formal international student orientation programs
- \* Family English language training (continuing ed)--survival English classes, etc.
- \* Formal English as a Second Language courses

- \* Intensive English language training capability
- \* Active international student organizations
- \* Information packets describing the university and surroundings are sent to incoming foreign students.

### Setting and Important Facilities of School

The University of West Virginia is located near many large eastern cities. Morgantown, a friendly medium-sized community of 30,000, is surrounded by scenic mountains. The university hosts the U.S. Fish and Wildlife Service Cooperative Research Unit, the Appalachian Hardwoods Export Center, and an international trade center.

### Formal/Informal Links with Foreign Institutions

The Fish and Wildlife Department has a cooperative agreement with the Wildlife and National Parks Department in the University of Zimbabwe. The Fish and Wildlife Department and the Recreation and Parks Departments have an informal agreement with Malaysia. The Forest Management Department maintains an informal relationship with Honduras.

### Involvement in International Consortia

NECID (Northeast Council for International Development)  
Council of International Programs

#### Contacts at the University:

##### Contact who supplied information

David Samuel  
Division of Forestry  
P.O. Box 6125  
West Virginia University  
Morgantown, WV 26506  
Phone: 304-293-4798  
Fax: 304-293-2441

##### Other Contacts

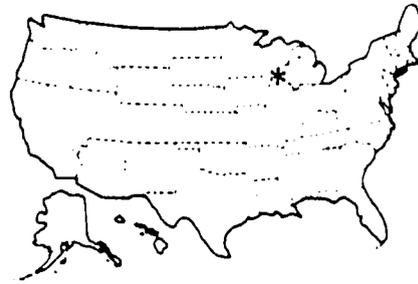
International Programs  
Agriculture Sciences Bldg.  
West Virginia University  
Morgantown, WV 26506  
Phone: 304-293-6955  
Fax: 304-293-6957

**Profile of Faculty**

The Division of Forestry employs 32 permanent appointment on-campus faculty. Of these, 5 have completed at least one cumulative year of professional foreign in-country experience.

Profiles of selected faculty members follow (See Appendix A for an explanation of abbreviations).

Name	Highest Degree and Year	Ranked Specialty Areas	Cumulative No. of Foreign Grad Students Advised To Degree Compl.	International In-country Experience Country, Time, Activity	Language Fluency 5 point scale
R. Smith	Ph.D. 1957	WLMG, NARS ENVT, CBIO	2	RSCH in Australia (3M), Mali (2M) and South Africa (1M).	.
D. Samuel	Ph.D. 1968	WLMG, NARS BDIV, ENVT	5	Zimbabwe 2M RSCH.	
D. White	Ph.D. 1965	FECN, NECN POLY, MGMT	2	New Zealand 4M CONS, Brazil 2W Honduras 1W.	Spanish 2.0
R. Hicks, Jr.	Ph.D. 1970	MGMT, PEST NARS, ENTO	3		
H. Wiant	Ph.D. 1963	MENS, EDUC MGMT, SILV	2	Honduras, Australia 1Y ea, MGMT.	



## UNIVERSITY OF WISCONSIN-MADISON

### Department of Forestry

#### Madison, Wisconsin

International activities by UW-Madison faculty have occurred on all continents in twenty different nations and emphasize biodiversity, forestry and resource economics, planning, international trade, social forestry, ecology, physiology, management, wood utilization, pulp and paper chemistry, and genetics and tree improvement. Activities have primarily involved research, but a number of lectureships have been conducted. Cooperation and support has been chiefly under the auspices of the U.N.-FAO, the Fulbright Program, the USDA Forest Service, and host country governments or educational institutions. Several programs have resulted in exchanges with faculty and students in Europe, Asia, and Latin America. Collaborative research has involved the Center for Tropical Forestry Research (Paris, France); the International Institute for Applied Systems Analyses (Austria); the Center for Applied Mathematics, Natural Research Council (Italy); Botocatu (Brazil); International Tropical Timber Organization (Japan); French National School of Forestry (Nancy); Swedish University of Agricultural Sciences (Uppsala); Chalmers University (Göteborg, Sweden); University College of North Wales (UK); and the University Thessaloniki (Greece). In addition to an active international research program, the forestry faculty has approved the development of an educational program in international forestry at the graduate level. Currently there are seventeen international students from Brazil, Canada, China, Colombia, Finland, Iceland, Indonesia, Korea, Mexico, Pakistan, Sudan, Taiwan and Yugoslavia. The Department of Forestry holds active membership in the International Union of Forest Research and the Commonwealth Forestry Association.

### Specialty Areas at the University

#### Within the Dept. of Forestry

Forest Economics  
Environment, Ecology  
Pulp and Paper  
Tree Improvement, Genetics  
Forest Management

#### Supporting disciplines available at the University

Conservation Biology  
International Affairs, Political Science  
Natural Resource Management  
Remote Sensing, Photogrammetry  
Wildlife Management  
Soil Science

### Degree Programs and Accreditation

#### Bachelor of Science Programs

Forest Science: (option 1: Public Forestry; option 2: Industrial Forestry; both accredited by the Society of American Foresters, 1986; option 3: Resource Conservation & Management); non-accredited.

#### Bachelor of Science/Master of Science Integrated Program (5-6 years)

Forest Science (with emphasis options in remote sensing, operations research, forest economics, biometry; accredited by the Society of American Foresters, 1986. Normally non-thesis)

#### Master of Science Programs

Forest Biology (options in ecology, silviculture, physiology, soils, forest pathology & entomology, genetics and tree improvement), thesis required)

Forest Management (options in biometry, economics, urban forestry, applied silviculture), thesis required

Wood & Fiber Science (options in wood chemistry & technology and pulp & paper), thesis required  
Forest Management, no thesis required

**Doctor of Philosophy Programs**

Ph.D.s are offered in the same specializations as thesis M.S. programs.

**Official Policy Toward Thesis Research in Home Country**

Thesis research in home country can be arranged as a special case with prior departmental approval.

**International Courses and Workshops**

Courses offered by the department which focus specifically on international resource issues, tropical studies, or other topics of interest to students from developing countries.

Course (C) Short Course (SC) or Workshop (W)	Undergrad, Graduate, or Mixed	Regular offering or by Demand	Credits	Times taught in the last five years	Range of Enrollment
International Forestry (C)	Mixed	Demand	1-2 cr	1	40

**Sr. Level Professional Programs / Integrated Course Studies**

Principles of Forestry Economics and Management (Economics of timber products and timber processing industries; integration of mathematical, biological, and economic approaches to analysis of forest management problems and forest policy issues; forest valuation and taxation.)

Decision Methods in Resource Management (Applications of operations research methodology, including optimization and simulation, to problems in resource management and economics; investment analysis; introductory econometrics.)

**Requirements for Admission of Foreign Students**

Minimum TOEFL score, Graduate Students: 525 Undergraduates: 600

Graduate students scoring less than 580 on the TOEFL are required to take an English proficiency test prior to registration, to determine the ESL course(s) to be taken.

GREs are required and are used for evaluation; however, there are no minimum score requirements.

**Description of Student Body (1989 Figures)**

Discipline within Dept. of Forestry	Total No. of Students		No. of International students		No. of international students by geographical area				
	Grad	Undergr.	Grad	Undergr.	Latin America	Africa	Asia/ Pacific	Middle East	Other Countries
Forestry	35	39	14	-	3	-	7	2	2
Wildlife Ecology	25	131	3	-	1	-	-	-	2

**Costs of Study and Funding Sources**

Out-of-State Tuition/Fees per Academic Year (1990 Figures): Graduate \$ 8,283 Undergraduate \$ 6,137

Funding sources for foreign students:

For study in the United States:

<u>Funding Source</u>	<u>No. Foreign Students Funded</u>
USAID	1
FAO	1
Universities (UW-Madison)	9
Self-supported	1
Nat'l Council for Research, Brazil	2
Nat'l Council for Science and Technology, Mexico	1
World Bank	1
Sudanese Government	1

There are no scholarships specifically for foreign students available in the Department of Forestry.

### International Opportunities for U.S. Students

Organization for Tropical Studies - a consortium to provide leadership in education, research, and the wise use of natural resources in the tropics; graduate training and research facilities (at three major habitats) are available.

### Facilities and Services for Foreign Students

- \* Office of International Students and Faculty  
(Contact: Michael F. Dean, 115 Science Hall)
- \* Formal international student orientation programs
- \* Family English language training (continuing ed)--survival English classes, etc.
- \* Formal English as a Second Language courses for credit, offered to enrolled students
- \* Intensive English language training capability
- \* Active international student organizations
- \* Information packets describing the university and surroundings are sent to incoming foreign students.

### Setting and Important Facilities of School

The University of Wisconsin-Madison is located in Madison, Wisconsin, the capital city. Madison is set among five lakes and has a small-town charm with big-city culture and amenities, which provides an excellent quality of life. Madison has historical, art and children's museums; a centrally located zoo and arboretum; a weekly farmers' market, an annual art fair and has a biweekly chamber orchestra concert on Capital Square.

The university maintains the Biotron, a controlled-environment laboratory, for biological research, the only large facility of its kind in any American university. The university also has one of the twelve largest university libraries in North America, including a separate land tenure library. The Forest Products Laboratory, operated in conjunction with the USDA - Forest Service, is located on the campus.

### Formal/Informal Links with Foreign Institutions

Collaboration with UN-FAO has led to the development and implementation of sector models for Indonesia and Malaysia designed to assist in planning the long-term future of forestry in those countries. Models helped to determine the best location of new industries and ports, to evaluate export policies, and to assess the adequacy of future fuelwood supplies.

### Involvement in International Consortia

OTS (Organization for Tropical Studies)

MUCIA (Midwest Universities Consortium for International Activities)

#### Contacts at the University:

##### Contact who supplied information

Ronald L. Giese  
Department of Forestry  
College of Natural Resources  
University of Wisconsin  
Madison  
Madison, WI 53706  
Phone: 608-262-3073

##### Other Contacts

Joseph Buongiorno  
College of Nat Res  
Phone: 608-262-0091

Jeffrey C. Stier  
College of Nat Res  
Phone: 608-262-3976

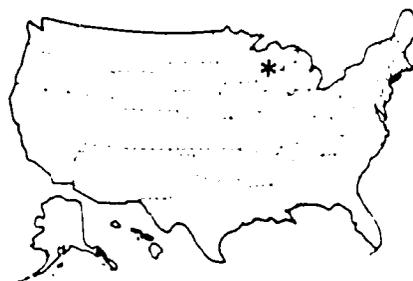
### Profile of Faculty

The department employs 29 permanent appointment on-campus faculty. Of these, 10 have completed at least one cumulative year of professional foreign in-country experience.

Profiles of selected faculty members follow (See Appendix A for an explanation of abbreviations).

Name	Highest Degree and Year	Ranked Specialty Areas	Cumulative No. of Foreign Grad Students Advised To Degree Compl.	International In-country Experience Country,Time,Activity	Language Fluency 5 point scale
J. Buongiorno	Ph.D. 1972	FECN, NECN MGMT, NARS	18	France COB; Italy 3Y FAO; Gabon 2M; Malaysia 2M; India 2M.	French 5.0 Italian 4.0
S. T. Gower	Ph.D. 1987	ENVY, PLNT SOIL	0	Costa Rica 3M RSCH.	Spanish 2.5
R. Guries	Ph.D. 1975	TRIM, BDIV SILV, PLNT	1	Brazil 1M EDUC; Mexico 1M.	Portug. 2.5

H. Kang	Ph.D. 1978	BDIV, MGMT TRIM	0	Korea COB; Sweden 1Y USFS.	Korean 5.0
P. Reich	Ph.D. 1983	ENVT, NATR PHYS, BOTY	0	Costa Rica 1Y RSCH; Venezuela 2M; Brazil 1M.	Spanish 4.0 Portug. 3.0 French 2.5
E. Smalley	Ph.D. 1957	PATH, URBN PEST, TRIM	8	China 10M CONS/FAO; Taiwan 2M.	
J. Stier	Ph.D. 1978	FECN, MGMT NECN	0	Zambia 2Y NAT.	Spanish 2.0
R. Young	Ph.D. 1973	PULP, PROD CHEM	10	Sweden 1Y RSCH; Germany 6M; Greece 6M; Poland 1M; Yugoslavia 1M; China 1M.	



## UNIVERSITY OF WISCONSIN-STEVENS POINT

### College of Natural Resources

#### Stevens Point, Wisconsin

The College of Natural Resources at the University of Wisconsin-Stevens Point was initiated in 1968 and has since become one of the continent's largest undergraduate comprehensive programs. Its success is reflected through enrollment and placement success of its graduates. The college places emphasis on quality undergraduate training, through careful counseling of each student by academic advisors, insistence on quality teaching, integrated natural resources curricula, lengthy field and hands-on experiences, and leadership training in twenty-three very active student organizations. The small, but growing, graduate program generally involves applied research in its thesis option.

In conjunction with the university's efforts at internationalizing its curriculum, an academic minor entitled International Resource Management was approved in 1988, the first undergraduate program of its kind in North America. Requirements for this minor include a foreign language, study or work abroad, and a new course which focuses on the status and trends of renewable natural resources in the developing world, with emphasis on ecological, socioeconomic and other factors influencing their management. With this new program, the college has taken a first step towards a more comprehensive strategic plan designed to meet the needs and opportunities of the 1990's and beyond.

The college is particularly interested in working with foreign students who have had technical training and/or field experience, and who are motivated to acquire a solid bachelor's degree. A growing graduate program can accommodate a number of candidates with a focus on applied research.

#### Specialty Areas at the University

##### Within the College of Natural Resources

Monitoring, Inventory

Pest Management

Silviculture

Urban Forestry, Landscape Architecture

Fire Management

Environmental Education

Pulp and Paper Science

Fresh Water Fisheries

#### Degree Programs and Accreditation

##### Bachelor of Science Programs

Forestry (with options in forest management, forest administration, forest recreation, urban forestry; accredited by the Society of American Foresters, through 1991)

Paper Science

Wildlife

Environmental Education

Fisheries

Water Chemistry

Land Use Planning

Watershed Management

Soils

Resource Management

Youth Programming and Camp Management

Limnology

Hydrology

Aquatic Toxicology

##### Master of Science Programs (approx. 2 years)

Natural Resources (with emphasis in any of the areas listed in B.S. degree program)

#### Official Policy Toward Thesis Research in Home Country

The college believes in the importance of in-country research and encourages this whenever funds from sponsoring agencies are made available for this purpose. However, funds for in-country research are not available through the University of Wisconsin-Stevens Point.

### International Courses and Workshops

Courses offered by the college which focus specifically on international resource issues, tropical studies, or other topics of interest to students from developing countries.

Course (C) Short Course (SC) or Workshop (W)	Undergrad, Graduate, or Mixed	Regular offering or by Demand	Credits	Times taught in the last five years	Range of Enrollment
International Resource Mgmt. (C)	Mixed	Regular	3 cr	1	10-20
Tropical Resource Mgmt. (SC) (cost \$ 1,850)	Mixed	Regular	3 cr	5	20-25
International Envir. Studies (C)	Mixed	Regular	5	40	

### Sr. Level Professional Programs / Integrated Course Studies

- NR 474 Integrated Resource Management
- 475 International Environmental Studies Seminar
- 477 Development of Environmental Impact Statements
- 478 Community Environmental Issues
- 480 Urban and Regional Planning Practices
- 484 Air, Water, and Land Use Planning
- 490 Seminar in Natural Resources

- Wildl. 320 Wildlife and Society : Contemporary Issues
- 450 Human Dimensions of Wildlife and Fisheries Management

### Requirements for Admission of Foreign Students

Minimum TOEFL score, Graduate and Undergraduate Students: 500

GREs are required for the admission of foreign students, but there is no minimum score for admission.

Admission is contingent on GRE scores in conjunction with additional criteria such as transcript, letters of recommendation, professional experiences, etc.

### Description of Student Body (1989 Figures)

Discipline within College of NR	Total No. of Students		No. of International students		No. of international students by geographical area				
	Grad	Undergr.	Grad	Undergr.	Latin America	Africa	Asia/ Pacific	Middle East	Other Countries
Forestry	6	250	1	5	-	5	1	-	-
Soils	2	31	1	-	-	-	-	1	-
Resource Mgmt.	12	229	-	-	-	-	-	-	-
Water	8	198	-	-	-	-	-	-	-
Wildlife	12	404	-	-	-	-	-	-	-

### Costs of Study and Funding Sources

Out-of-State Tuition/Fees per Academic Year (1989 Figures): Graduate \$ 6,140 Undergraduate \$ 5,136

### Funding sources for foreign students:

#### For study in the United States:

<u>Funding Source</u>	<u>No. Foreign Students Funded</u>
USAID/MUCIA	6

There are no scholarships specifically for foreign students available at the university. Applicants compete with resident students for local awards

### International Opportunities for U.S. Students

NR 475/675 International Environmental Studies in Europe (an annual summer program in Germany and Poland focusing on environmental problems in integrated resource management).

NR 475/675 International Environmental Studies in Costa Rica (an annual winter program in Central America dealing with issues of environmental degradation and sustainable development).

NR 475/675 International Environmental Studies in Australia (semester abroad program offered every other year in Australia, New Zealand, and Fiji dealing with resource conservation issues).

In addition to these courses, the University of Wisconsin-Stevens Point runs a series of semester abroad programs.

### Facilities and Services for Foreign Students

- \* Foreign Student Office
  - Coordinates living arrangements, language training and social events. (Contact: Marcus Tang)
- \* Prof. H. Schabel, Director of International Resource Management
  - Functions as academic advisor, liaison with sponsoring organizations and as general facilitator.
- \* Formal international student orientation programs
- \* Family English language training (continuing ed)--survival English classes, etc.
- \* Formal English as a Second Language courses for credit, offered to enrolled students
- \* Intensive English language training capability
- \* Active international student organizations
- \* Information packets describing the university and surroundings are sent to incoming foreign students.
- \* Very active host-family program

### Setting and Important Facilities of School

The University of Wisconsin-Stevens Point is located in the heart of the state in a friendly metropolitan town of approximately 30,000. The university and the town provide a healthy environment with numerous recreational opportunities and offer an active cultural life.

The university maintains three field stations, computing laboratories and a growing library collection concerning international resource management, as well as an ultramodern multi-media center for learning resources.

**Formal/Informal Links with Foreign Institutions**

Partnership with Instituto Tecnico Forestal (Esteli, Nicaragua)  
 Cooperation with Instituto Superior de Ciencia Agropecuarias (Managua, Nicaragua)  
 Informal link with CATIE (Turrialba, Costa Rica) through annual Tropical Resource Management Seminar  
 Connections with Jagiellonian University in Krakow, Poland, and State Forest Service Baden - Wurttemberg, West Germany

**Contacts at the University:**

<u>Contact who supplied information</u>	<u>Other Contacts</u>	
Dr. H. G. Schabel, Director International Resource Mgmt. College of Natural Resources University of Wisconsin Stevens Point, Wisconsin 54481 Phone: 715-346-4230 Fax: 715-341-0089	Dr. A. Haney, Dean College of Nat Res Phone: 715-346-4617	Dr. R. Wilke, Assoc. Dean College of Nat Res Phone: 715-346-2853

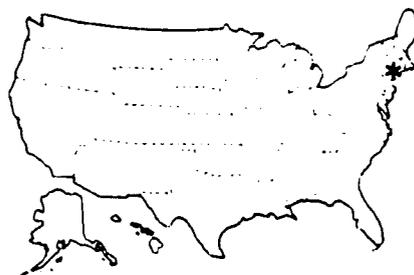
**Profile of Faculty**

The college employs 48 permanent appointment on-campus faculty.  
 Of these, 7 have completed at least one cumulative year of professional foreign in-country experience.

Profiles of selected faculty members follow (See Appendix A for an explanation of abbreviations).

Name	Highest Degree and Year	Ranked Specialty Areas	Cumulative No. of Foreign Grad Students Advised To Degree Compl.	International In-country Experience Country, Time, Activity	Language Fluency 5 point scale
J. Passineau	Ph.D. 1975	ENED, PARK WLMG, ENVT	0	Botswana 2Y PC; Lesotho 2Y PC; India 2M; Australia 1M; New Zealand 1M.	French 2.0
H. Schabel	Ph.D. 1973	EDUC, ENTO BDIV, SILV	2	Many European Countries 15Y EDUC; Tanzania 3Y BIL; Turkey 3M; Many Latin American Countries 3M.	German 5.0 French 3.0 Spanish 2.5 Swahili 2.0
R. Wilke	Ph.D. 1978	ENED, EDUC COMM	1	Australia 1Y INST; Many European Countries 2M; Costa Rica 1M; Ecuador 1M.	
R. Brush	Ph.D. 1978	LAUS, URBN	0	United Kingdom 2M MIL; Spain 1M.	French 2.0

C. David	Ph.D. 1987	SILV, SOIL REGN, PLNT	0	Guyana 6Y COB.	French 3.5
J. Harms	Ph.D. 1973	FECN, MGMT PROD, PLNT	0	Brazil 2W INDY.	
C. Lee	Ph.D. 1968	TRIM, SILV	0	Taiwan COB; Japan; China; Malaysia.	Chinese 5.0 Japanese 4.0 German 2.0
R. W. Miller	Ph.D. 1975	URBN, LAUS HORT	0	Costa Rica 2M EDUC; West Germany 1M.	
N. E. Spangenberg	Ph.D. 1976	WASH, MAPP NARS	0	West Germany 3M STU.	



## YALE UNIVERSITY

### School of Forestry and Environmental Studies (F & ES)

#### New Haven, Connecticut

The mission of the School of F & ES is to train professionals in the management of renewable natural resources for present and future generations worldwide. To address environmental issues on a global scale, the School of F & ES has entered into more than thirty Memoranda of Understanding with universities and private and governmental agencies in the United States, Latin America, Asia, and Europe. Educational and training programs are based on the tenet that sound management and effective policy depend upon scientific understanding of social and ecological processes in all countries of the world. The Tropical Resources Institute was formed in 1983 to offer specialized graduate-level programs in international resources to students enrolled at the School of F & ES. These programs encourage the integration of forestry issues such as landscape management, energy production and agriculture. The school is also a world leader in programs involving social and policy components of resource management.

#### Specialty Areas at the University

##### Within the School of F & ES

Conservation Biology  
Agroforestry  
Natural Resource Management & Policy  
Hydrology  
Social Forestry  
Wildlife & Wildlands Management

##### Supporting disciplines available at the University

Botany, Plant Science  
Business/Public Administration  
Statistics, Data Processing  
Environmental Law  
International Affairs/Political Science

Yale's School of Forestry and Environmental Studies also offers strong programs in natural resources economics, forest management, soil science, silviculture, land use planning, urban forestry/landscape architecture, and parks and wildlands management.

#### Degree Programs and Accreditation

##### Master of Environmental Studies Programs (MES)

Waste Management  
Landscape Management  
Water Resource Policy

Conservation Biology  
Hydrology  
Pollution Science and Management

This non-thesis degree requires a special project in one of the above fields. Mid-career professionals may opt to earn this degree in one year, although completion generally requires two years.

##### Master of Forestry Programs

Timber Management  
Organizational Administration  
Social/Community Forestry

Multiple Use Forestry  
Urban Forestry  
Tropical and International Studies

This non-thesis degree requires a special project in one of the above fields. Mid-career professionals may opt to earn this degree in one year, although completion generally requires two years. This degree has been accredited by the Society of American Foresters since 1936.

**Master of Forest Science Programs**

Tree Physiology	Social Ecology
Natural Resource Economics and Policy	Forest Ecology
Soils	Pathology
Tropical Studies	Wildlife Ecology
Silviculture	Forest Hydrology and Watershed Management

This non-thesis degree requires a special project in one of the above fields. Mid-career professionals may opt to earn this degree in one year, although completion generally requires two years. This degree has been accredited by the Society of American Foresters since 1936.

**Doctor of Philosophy Programs**

The Ph.D. focuses on basic aspects of biological and physical sciences as applied to natural resource problems, and may include work on any of the range of disciplines listed for previous degree programs.

**Official Policy Toward Thesis Research in Home Country**

The School of F & ES encourages thesis research in the home country in cases where this is deemed most appropriate by the student and his/her committee.

**International Courses and Workshops**

Courses offered by the School of F & ES which focus specifically on international resource issues, tropical studies, or other topics of interest to students from developing countries.

Course (C) Short Course (SC) or Workshop (W)	Undergrad, Graduate, or Mixed	Regular offering or by Demand	Credits	Times taught in the last five years	Range of Enrollment
Agroforestry (C)	Graduate	Regular	3 cr	5	5-12
Ecology, Economy, and Ethics (C)	Mixed	Demand	1 cr	2	46
Society and Energy Systems (C)	Graduate	Regular	3 cr	4	4-9
Conservation Biology (C)	Graduate	Regular	3 cr	2	38-55
Human Dimensn in Wildlf Mgmt (C)	Mixed	Regular	3 cr	4	18-28
Seminar in Tropical Soils (C)	Graduate	Regular	3 cr	2	12-17
Puerto Rico Field Trip (SC)	Mixed	Regular	1 cr	10	15-20
Plant Res. of the Tropics (C)	Mixed	Regular	3 cr	5	9-28
Social Forestry (C)	Graduate	Regular	3 cr	2	6-18
Mgmt of Wildland Systems (C)	Graduate	Regular	3 cr	3	10-20

**Sr. Level Professional Programs / Integrated Course Studies**

Senior level seminars are offered in ecosystem ecology, natural resource economics, advanced tropical ecology, social ecology, advanced silviculture.

Mid-career Professional Training is offered through a number of 2 week short courses and workshops and is open to foreign professionals.

The School of F & ES allows joint degree programs (M.S. and Ph.D.) with other Schools within the Yale system.

Yale Law School (4 years)	Economic Growth Center (2 years)
Epidemiology and Public Health (3 years)	International Relations (3 years)
School of Organization and Management (3 years)	

## Requirements for Admission of Foreign Students

Minimum TOEFL score, Graduate Students: 600

Minimum GRE scores: Verbal 600 Quant. 600 Analyt. 600  
GRE scores are recommended for both domestic and foreign students.

## Description of Student Body (1989 Figures)

Discipline within School of F & ES	Total No. of Students		No. of International students		No. of international students by geographical area				
	Grad	Undergr.	Grad	Undergr.	Latin America	Africa	Asia/ Pacific	Middle East	Other Countries
Master Env't. Std.	96	-	11	-	5	-	5	-	1
Master Forest Sci.	24	-	6	-	1	-	1	-	4
Master Forestry	11	-	3	-	-	-	3	-	-
Doctor of Forestry	22	-	8	-	4	-	2	-	2

## Costs of Study and Funding Sources

Tuition/Fees per Academic Year (1989 Figures): Graduate modules) **\$ 20,110** (1st year, incl. Summer

**\$ 19,910** (2nd year)

Funding sources for foreign students:

### For study in the United States:

<u>No. Foreign Funding Source</u>	<u>Students Funded</u>
USAID	1
U.S. Gov't (not USAID)	2
FAO	3
Foundations, PVOs	9
Self-supported	1
World Bank	1
UNDP	1

### For fieldwork overseas:

<u>No. Foreign Funding Source</u>	<u>Students Funded</u>
Tropical Resource Inst. (Yale)	4
U.S. Gov't (not USAID)	2
FAO	3
Foundations, PVOs	6
World Bank	1

Scholarships Specifically For Foreign Students:

Tinker Foundation Grant: open to Latin American students

Underhill Foundation Scholarship: open to Latin American students

MacArthur Foundation Fellowships: open to students from Puerto Rico and U.S. Virgin Islands

## International Opportunities for U.S. Students

Yale's Tropical Resources Institute sponsors a summer internship program with over fifty cooperating institutions worldwide. In addition, other longer overseas opportunities exist with World Wildlife Fund, CARE, etc. on case-specific basis.

## Facilities and Services for Foreign Students

- \* Yale University's Office of the Advisor to International Students (Contact: R. Grossman)  
-- Assists with Visas and I-9 forms

- \* Yale School of F & ES Director of Student Affairs (Contact: Nancy Rabbott)
  - Assists with logistics, housing, and other institutional support
- \* School of F & ES -- Tropical Resources Institute Assistant to the Director. Assistance with projects, summer internships, funding, selecting academic advisors.
- \* Orientation programs through the International Student Network (Contact: Siafa Johnson, Yale Divinity School)
- \* Formal English as a Second Language courses for credit, offered to enrolled students
- \* Intensive English language training capability (summer session)
- \* International Society of Tropical Foresters / International Resources Group (student organization within School of Forestry)
- \* Information packets describing the university and surroundings are sent to incoming foreign students.

### Setting and Important Facilities of School

Yale University is situated in New Haven, an old colonial city with distinct architecture and ethnic neighborhoods. The campus includes several wooded parklands, and is about one hour from New York City and Long Island Sound. Yale supports one of the largest university library systems in the world, and maintains the Yale Repertory Theater, the Yale Symphony, and the British Art Museum. The School of Forestry and Environmental Studies includes the Tropical Resources Institute Program, which provides high-quality education, training and research opportunities in natural resource fields for students with an interest in tropical studies. The university also houses the Kline Biology and Science Library, and maintains several laboratories and field research facilities, including two school forests in Connecticut.

### Formal/Informal Links with Foreign Institutions

The School of F & ES receives USAID funding to participate in a five year cooperative program with the Institute of Forestry in Pokhara, Nepal. A cooperative research program is also maintained with Kasetsart University in Bangkok, Thailand.

The school also maintains Memoranda of Understanding with over thirty universities.

#### Contacts at the University:

<u>Contact who supplied information</u>	<u>Other Contacts</u>	
Ms. Sonia Varley Tropical Resources Institute Yale School of F & ES 205 Prospect St New Haven, CT 06511 Phone: 203-432-5116 Fax: 203-432-5942 Telex: 5101012363 YALE FES	Nancy Rabbott Dir. of Student Affairs Yale School of F & ES Phone: 203-432-5106	William Bentley, Director Tropical Resources Institute Yale School of F & ES Phone: 203-432-5116

### Involvement in International Consortia

OTS (Organization for Tropical Studies)  
Archibald Consortium (Dominica and the East Caribbean).

## Profile of Faculty

The School of F & ES employs 25 permanent appointment on-campus faculty.  
Of these, 17 have completed at least one cumulative year of professional foreign in-country experience.

Name	Highest Degree and Year	Ranked Specialty Areas	Cumulative No. of Foreign Grad Students Advised To Degree Compl.	International In-country Experience Country, Time, Activity	Language Fluency 5 point scale
J. Gordon	Ph.D. 1966	EDUC, PHYS SILV, AGRO	6	Finland 2Y EDUC; United Kingdom 14M RSCH; Indonesia 6M; China 2M; Pakistan 1M.	Finnish 2.0
B. Burch	Ph.D. 1964	SOCL, PARK RURL, LAUS	10	New Zealand 3Y RSCH, INST; Thailand 1Y CONS, RSCH, EDUC; Indonesia 1Y PVO; Bangladesh, Nepal, Costa Rica, Caribbean 4M ea; United Kingdom 2M; Philippines, Yugoslavia, Colombia, Panama, Mexico 1M ea.	Spanish 2.0
S. Kellert	Ph.D. 1972	POLY, ENVT WLMG, COMM	10	Japan 3M RSCH, EDUC; China, Panama, Costa Rica, Italy 1M ea.	Swedish 3.5 French 3.0
K. Vogt	Ph.D. 1976	ENVT, BOTY ARID, SILV	3	Finland COB; Caribbean 2Y RSCH; Nigeria, Austria, Venezuela 1M ea.	German 3.0 French 2.5 Spanish 2.0
F. Montagnini	Ph.D. 1985	AGRO, ENVT SCON, MGMT	4	Argentina 15Y COB, EDUC, RSCH; Costa Rica 4Y EDUC, RSCH; Brazil 2Y STE.	Spanish 5.0 English 4.0 Portug. 3.5
D.M. Smith	Ph.D. 1950	SILV, NATR	40	Italy 1.5Y MIL; Many African countries 6M; West Germany 3M; Australia 2M.	French 2.0
S.R. Beissinger	Ph.D. 1984	CBIO, WLMG ENVT, BDIV	0	Venezuela 5Y RSCH; Guyana 3M.	Spanish 3.5
G P. Berlyn	Ph.D. 1960	BOTY, ENVT TRIM, NURS	13		Spanish 2.5
G. Furnival	Ph.D. 1957	MENS, COMP MGMT	7		

## **APPENDICES**

**Appendix A: Abbreviations Used in Profiles**

**Appendix B: Tables and Cross Indices**

**Institutions listed by Degree Programs**

**Institutions listed by specialty area**

**Faculty listed by language ability**

**Faculty listed by specialty area**

## APPENDIX A:

## ABBREVIATIONS USED IN FACULTY PROFILES

Specialty Codes

AGRI	Agriculture	EXTN	Extension	PHYS	Plant Physiology
AGRO	Agroforestry	FIRE	Fire Management	PLNT	Plantation Mgmt
AGRN	Agronomy	FOOD	Food Aid Programming	POLY	Policies, Institutions
ANIM	Animal Science	MGMT	Forest Management	PROD	Forest Prod., Wood Utilization
ARID	Arid Zone Forestry	FISH	Fresh-water Fisheries	PULP	Pulp and Paper
BDIV	Biological Diversity	HARV	Harvesting	RANG	Range Mgmt., Livestock
BIOL	Biology	HORT	Horticulture	REGN	Regeneration
BOTY	Botany, Plant Sci.	HYDR	Hydrology	REMS	Remote Sensing & Photogrammetry
BUSI	Business Admin.	IPMS	Integrated Pest Mgmt.	ROAD	Road Planning, Constr.
CHEM	Chemistry, Biochem	INTL	Int'l Affairs, Foli. Sci.	RURL	Rural Development
COAS	Coastal Resources, Wetlands	IRRI	Irrigation	RURH	Rural Health Care
COMM	Communic, Public Relations	LAUS	Land Use Planning,Envt. Assess.	SAWM	Sawmills, Planing Mills
COMP	Computers, Data Processing	LAWS	Environmental Law	SCND	Secondary Forest Prod.
CBIO	Conservation Biology	MAPP	Mapping	SEED	Seed Handling, Collection
FECN	Economics, Forest	MARI	Marine Resources, Fisheries	SILV	Silviculture
EECN	Economics, Envir.	MKTG	Marketing, Trade, Coops	SOCL	Social Forestry
NECN	Econ, Natural Resource	MENS	Mensuration, Inventr. Biometrics	SCON	Soil Conservation
EDUC	Education	NARS	Natural Resource Mgmt	SOIL	Soil Science
ENER	Energy	NATR	Natural Forest Mgmt,	TRIM	Tree Imprv, Genetics
ENGN	Engineering	NURS	Nurseries	URBN	Urban Forest, Landscape Architecture
ENTO	Entomology	ORCH	Orchards, Fruit	WASH	Watershed Mgmt,
ENVT	Environment, Ecology	PARK	Parks, Wildland Mgmt.	WIND	Windbreaks, Shelterbit
ENED	Environmental Ed	PATH	Plant Pathology	WLMG	Wildlife Mgmt
		PERS	Personnel Mgmt		
		PEST	Pesticides, Toxicology		

In-country Experience

AID	U.S. Agency for International Development
BANK	International Bank (e.g., World Bank)
BIL	Bilateral Donors other than U.S.-AID
COB	Country of Birth
CONS	Consultant
EDUC	Educational Institutes & Schools
FAO	U.N. Food and Agricultural Organization
INDY	Private Industry
INST	Teaching Post at foreign Institute
MIL	Military
NAT	At request of host country government
PC	Peace Corps
PVO	Private Voluntary Organizations
RSCH	Research
STE	State Organizations
STU	Student
UNEP	United Nations Environmental Programme

Language Ability

1.5	Slight/Fair
2.0	Fair (casual)
2.5	Fair/Good
3.0	Good (functional)
3.5	Good/Excellent
4.0	Excellent (Fluent)
5.0	Native Speaker

UNESCO	U.N. Education, Science, Cultural Org.
USFS	USDA Forest Service
FWS	USDI Fish and Wildlife Service
NPS	USDI National Park Service
NSF	National Science Foundation
BLM	USDI Bureau of Land Management
WHO	World Health Organization

## APPENDIX B: TABLES AND CROSS INDICES

## DEGREE PROGRAMS

Institution	Profiled Unit	Pre-BS	Bachelor of Science	Master of Forestry	Master of Science	Other Master's	Ph.D.
University of Arizona	School of Renewable Natural Resources		X		X		X
University of Arkansas	Department of Forest Resources		X				
Auburn University	School of Forestry		X	X	X		X
University of California-Berkeley	Department of Forestry and Resource Management		X	X	X		X
California Polytechnic State University	Natural Resources Management Department		X			X	
Clemson University	Department of Forest Resources		X	X	X		X
Colorado State University	College of Forestry and Natural Resources		X	X	X		X
University of Connecticut	Department of Natural Resource Management and Engineering		X		X		X
Cornell University	College of Agriculture and Life Sciences		X		X	X	X
Duke University	School of Forestry and Environmental Studies			X	X	X	X
University of Florida	School of Forest Resources and Conservation		X	X	X		X
University of Georgia	School of Forest Resources		X	X	X		X
University of Hawaii	College of Tropical Agriculture and Human Resources		X		X		X

Institution	Profiled Unit	Pre-BS	Bachelor of Science	Master of Forestry	Master of Science	Other Master's	Ph.D.
Humboldt State University	College of Natural Resources		X		X		
University of Idaho	College of Forestry, Wildlife and Range Sciences		X	X	X		X
University of Illinois	Department of Forestry		X		X		X
Iowa State University	Department of Forestry		X	X			X
Kansas State University	Department of Forestry	X	X				
University of Kentucky	Department of Forestry		X	X	X		X
Louisiana State University	School of Forestry, Wildlife, Fishery		X		X		X
University of Maine	College of Forest Resources	X	X	X	X		X
Michigan State University	Department of Forestry		X		X		X
University of Michigan	School of Natural Resources	X	X	X	X	X	X
University of Minnesota	College of Natural Resources		X	X	X		X
Mississippi State University	School of Forest Resources		X	X	X		X
University of Missouri	School of Natural Resources		X		X		X
University of Montana	School of Forestry		X	X	X		X
New Mexico State University	Department of Agronomy and Horticulture		X		X		X

Institution	Profiled Unit	Pre-BS	Bachelor of Science	Master of Forestry	Master of Science	Other Master's	Ph.D.
North Carolina State University	College of Forest Resources		X	X	X	X	X
Northern Arizona University	School of Forestry		X	X	X		
University of New Hampshire <sup>1</sup>	Forest Resources Department		X		X		X
Oklahoma State University	Department of Forestry		X		X	X	X
Oregon State University	College of Forestry		X	X	X		X
Pennsylvania State University	School of Forest Resources		X	X	X		X
Purdue University	Department of Forestry and Natural Resources		X		X		X
Southern Illinois University	Department of Forestry		X	X	X		X
State University of New York (SUNY)	College of Environmental Science and Forestry		X	X	X		X
Stephen F. Austin University	School of Forestry		X	X	X		X
University of Tennessee	Department of Forestry, Wildlife and Fisheries		X		X		X
Texas A & M University	Departments of Range; Forest; Wildlife and Fish; and Recreation, Parks, Tourism Sciences		X		X	X	X
Utah State University	Department of Forest Resources	X	X	X	X		X

<sup>1</sup>New Hampshire also offers a Certificate of Soils Studies to professionals who have completed a BS program.

*Degree Programs by School*

Institution	Profiled Unit	Pre-BS	Bachelor of Science	Master of Forestry	Master of Science	Other Master's	Ph.D.
University of Vermont	School of Natural Resources		X		X		
Virginia Polytechnic University	School of Forestry and Wildlife Resources		X	X	X		X
Washington State University	Natural Resources Sciences		X		X		
University of Washington	College of Forest Resources		X	X	X		X
West Virginia University	Division of Forestry		X	X	X		X
University of Wisconsin/Madison <sup>2</sup>	Department of Forestry		X		X		X
University of Wisconsin/Stv. Pt.	College of Natural Resources		X		X		
Yale University	School of Forestry and Environmental Studies			X	X	X	X

<sup>2</sup>Wisconsin/Madison also offers a BS-MS integrated program.

## SCHOOLS INDEXED BY SPECIALTIES

Asterisk indicates a specialty area which exists at a university outside of the specific college or department of natural resource management described in the profile.

### AGRICULTURE

California Polytechnic State University\*  
 Cornell University  
 Florida, University of\*  
 Illinois, University of\*  
 Kentucky, University of\*  
 New Mexico State University  
 North Carolina State University\*  
 Vermont, University of\*  
 Virginia Polytechnic Institute\*  
 West Virginia University\*

### AGROFORESTRY

California-Berkeley, University of  
 California Polytechnic State University\*  
 Cornell University\*  
 Florida, University of  
 Hawaii, University of  
 Idaho, University of  
 Illinois, University of  
 Kansas State University  
 Michigan State University  
 Michigan, University of  
 Missouri, University of  
 New Mexico State University  
 North Carolina State University\*  
 Oregon State University\*  
 Southern Illinois University  
 Texas A & M University  
 Utah State University  
 Washington State University  
 Yale University

### AGRONOMY

Auburn University\*  
 Hawaii, University of  
 Illinois, University of\*  
 Iowa State University\*  
 Kansas State University\*  
 Louisiana State University\*  
 Mississippi State University\*  
 Pennsylvania State University\*  
 Tennessee, University of\*  
 West Virginia University\*

### AQUATIC MANAGEMENT

Michigan, University of

### ANIMAL SCIENCE

Kansas State University\*  
 Pennsylvania State University\*  
 Tennessee, University of\*  
 West Virginia University\*

### ARID ZONE FORESTRY

Arizona, University of  
 Colorado State University\*  
 New Mexico State University

### BIOTECHNOLOGY

Texas A & M University

### BIOLOGY

Arkansas, University of\*  
 Illinois, University of\*  
 Kansas State University\*  
 Kentucky, University of\*  
 Montana, University of\*  
 Stephen F. Austin University\*  
 Vermont, University of\*  
 Washington, University of\*

### BIOLOGICAL DIVERSITY

Duke University\*

### BOTANY, PLANT SCIENCE

Arkansas, University of\*  
 Auburn University\*  
 Michigan State University  
 Maine, University of\*  
 Tennessee, University of\*  
 Washington, University of\*  
 Yale University\*

### BUSINESS ADMINISTRATION

Arkansas, University of\*  
 Georgia, University of\*  
 State University of New York (SUNY)\*  
 Stephen F. Austin University\*  
 Tennessee, University of\*  
 Yale University\*

### CHEMISTRY/BIOCHEMISTRY

Oklahoma State University\*

**COASTAL RESOURCES, WETLANDS**

Connecticut, University of  
 Duke University\*  
 Louisiana State University\*

**COMMUNICATION, PUBLIC RELATIONS**

Cornell University

**COMPUTERS, DATA PROCESSING**

Arkansas, University of\*  
 Colorado State University\*  
 Mississippi State University\*  
 Stephen F. Austin University\*  
 Virginia Polytechnic Institute\*  
 Yale University\*

**CONSERVATION BIOLOGY**

Duke University\*  
 Michigan, University of  
 New Hampshire, University of\*  
 North Carolina State University\*  
 Texas A & M University  
 Vermont, University of  
 Wisconsin/Madison, University of\*  
 Yale University

**CROP SCIENCE**

Oklahoma State University\*

**ECONOMICS**

Iowa State University\*

**ENVIRONMENTAL ECONOMICS**

Montana, University of\*  
 Pennsylvania State University\*

**EDUCATION**

Illinois, University of\*  
 Stephen F. Austin University\*  
 Vermont, University of\*

**ENERGY**

Kansas State University

**ENGINEERING**

Auburn University\*  
 Mississippi State University\*  
 State University of New York (SUNY)  
 Vermont, University of\*  
 Washington, University of\*

**ENTOMOLOGY**

Hawaii, University of  
 Iowa State University\*  
 Kentucky, University of\*  
 Northern Arizona University

**ENVIRONMENT, ECOLOGY**

Colorado State University  
 Cornell University  
 Duke University  
 Illinois, University of  
 Southern Illinois University  
 Texas A & M University  
 Vermont, University of  
 Washington, University of  
 Wisconsin/Madison, University of

**ENVIRONMENTAL ADVOCACY**

Michigan, University of

**ENVIRONMENTAL CONSERVATION**

New Hampshire, University of

**ENVIRONMENTAL EDUCATION**

Idaho, University of  
 Michigan, University of  
 Texas A & M University  
 Wisconsin/Stevens Point, University of

**ENVIRONMENTAL LAW**

Washington, University of\*  
 Yale University\*

**EXTENSION**

California Polytechnic State University\*  
 Clemson University\*  
 Hawaii, University of  
 Pennsylvania State University\*

**FIRE MANAGEMENT**

California Polytechnic State University  
 Montana, University of  
 Wisconsin/Stevens Point, University of

**FISHERIES MANAGEMENT**

Oregon State University\*

**FOOD-AID PROGRAMMING**

Kansas State University\*

**FOREST BIOLOGY**

Purdue University

**FOREST ECONOMICS**

California-Berkeley, University of  
 Humboldt State University  
 Iowa State University  
 Kentucky, University of  
 Louisiana State University  
 Maine, University of  
 Minnesota, University of  
 Mississippi State University  
 Northern Arizona University  
 Oregon State University  
 Washington, University of  
 Washington State University  
 Wisconsin/Madison, University of

**FOREST MANAGEMENT**

Arkansas, University of  
 Auburn University  
 California Polytechnic State University  
 California-Berkeley, University of  
 Clemson University  
 Connecticut, University of  
 Duke University  
 Florida, University of  
 Georgia, University of  
 Humboldt State University  
 Idaho, University of  
 Illinois, University of  
 Iowa State University  
 Kentucky, University of  
 Maine, University of  
 Michigan, University of  
 Minnesota, University of  
 Mississippi State University  
 New Hampshire, University of  
 Northern Arizona University  
 Oregon State University  
 State University of New York (SUNY)  
 Washington, University of  
 West Virginia University  
 Wisconsin/Madison, University of

**FOREST PRODUCTS, WOOD UTILIZATION**

California-Berkeley, University of  
 Colorado State University\*  
 Idaho, University of  
 Illinois, University of  
 Iowa State University  
 Louisiana State University  
 Maine, University of  
 Minnesota, University of  
 Mississippi State University

Pennsylvania State University  
 State University of New York (SUNY)  
 Tennessee, University of  
 West Virginia University

**FOREST RECREATION**

Purdue University  
 Stephen F. Austin University

**FRESH WATER FISHERIES**

Connecticut, University of  
 Cornell University\*  
 Florida, University of  
 Humboldt State University\*  
 Idaho, University of  
 Louisiana State University  
 Michigan, University of  
 Minnesota, University of  
 Mississippi State University  
 Missouri, University of\*  
 Purdue University  
 West Virginia University  
 Wisconsin/Stevens Point, University of

**HARVESTING**

Auburn University  
 Louisiana State University  
 Northern Arizona University  
 Oregon State University

**HORTICULTURE**

Georgia, University of\*  
 Hawaii, University of  
 Kansas State University\*  
 New Mexico State University

**HYDROLOGY**

Arizona, University of\*  
 Arkansas, University of  
 California-Berkeley, University of  
 Clemson University\*  
 Duke University  
 Minnesota, University of  
 Oklahoma State University  
 Purdue University  
 Yale University

**INTEGRATED PEST MANAGEMENT**

Arkansas, University of  
 California-Berkeley, University of  
 Clemson University  
 Maine, University of\*  
 Mississippi State University\*  
 Northern Arizona University

- Stephen F. Austin University  
Virginia Polytechnic Institute\*  
Washington, University of\*
- INTL AFFAIRS, POLITICAL SCIENCE  
Arkansas, University of\*  
California-Berkeley, University of  
Duke University\*  
Montana, University of\*  
Washington, University of\*  
Wisconsin/Madison, University of\*  
Yale University\*
- IRRIGATION  
Arizona, University of\*  
New Mexico State University\*  
Utah State University\*
- LAND USE PLANNING, ENVIRONMENTAL  
ASSESSMENT  
Duke University\*  
Humboldt State University  
Michigan, University of\*  
New Hampshire, University of\*  
Northern Arizona University  
Vermont, University of  
Virginia Polytechnic Institute\*  
Washington State University\*
- LUMBER AND PANEL PRODUCTS  
Auburn University
- MAPPING  
Clemson University\*
- MARINE FISHERIES AND RESOURCES  
Vermont, University of  
Louisiana State University\*
- MARKETING, TRADE, COOPS  
Cornell University  
Washington State University\*  
West Virginia University\*
- MENSURATION, INVENTORY  
Iowa State University  
Minnesota, University of  
Missouri, University of  
New Hampshire, University of  
Pennsylvania State University  
State University of New York (SUNY)  
Stephen F. Austin University  
Virginia Polytechnic Institute  
Wisconsin/Stevens Point, University of
- MUSEUM STUDIES  
Oregon State University\*
- NATURAL FOREST MANAGEMENT  
Cornell University  
Southern Illinois University
- NATURAL RESOURCE ECONOMICS  
Arizona, University of\*  
Duke University  
Florida, University of\*  
Michigan, University of\*  
New Hampshire, University of\*  
New Mexico State University\*  
North Carolina State University\*  
Northern Arizona University  
Michigan State University  
Utah State University  
Virginia Polytechnic Institute  
Washington State University\*  
West Virginia University\*
- NATURAL RESOURCE MANAGEMENT  
California Polytechnic State University  
Connecticut, University of  
Duke University  
Florida University of  
Hawaii, University of  
Humboldt State University\*  
Montana, University of  
New Hampshire, University of\*  
Northern Arizona University  
Oklahoma State University  
Tennessee, University of  
Texas A & M University  
Utah State University  
Virginia Polytechnic Institute  
Washington State University  
Wisconsin/Madison, University of\*  
Yale University
- NATURAL RESOURCE POLICY  
Yale University
- NITROGEN FIXATION  
Hawaii, University of
- NURSERIES  
Auburn University  
Idaho, University of  
New Mexico State University

- PARKS, WILDLANDS MANAGEMENT**  
 Clemson University\*  
 Colorado State University  
 Idaho, University of  
 Kansas State University  
 Montana, University of  
 Southern Illinois University  
 Texas A & M University  
 West Virginia University  
 Yale University
- PERSONNEL MANAGEMENT**  
 Montana, University of\*
- PEST MANAGEMENT**  
 Florida, University of\*  
 Wisconsin/Stevens Point, University of
- PLANT PATHOLOGY**  
 Iowa State University\*  
 Georgia, University of\*  
 Kentucky, University of\*  
 Oklahoma State University\*  
 Pennsylvania State University\*  
 Texas A & M University
- PLANT PHYSIOLOGY**  
 Auburn University  
 Clemson University\*  
 Georgia, University of  
 Kentucky, University of\*  
 New Mexico State University\*  
 Oklahoma State University  
 Stephen F. Austin University\*  
 Texas A & M University
- PLANTATION MANAGEMENT**  
 Georgia, University of  
 Missouri, University of\*  
 New Mexico State University  
 North Carolina State University
- POLICIES AND INSTITUTIONS**  
 Michigan, University of\*  
 Missouri, University of\*
- PULP AND PAPER SCIENCE**  
 Maine, University of\*  
 New Mexico State University  
 North Carolina State University  
 State University of New York (SUNY)  
 Washington, University of  
 Wisconsin/Madison, University of  
 Wisconsin/Stevens Point, University of
- QUANTITATIVE RESOURCE ANALYSIS**  
 Purdue University
- RANGE MANAGEMENT, LIVESTOCK**  
 Arizona, University of  
 California-Berkeley, University of  
 Colorado State University  
 Humboldt State University\*  
 Idaho, University of  
 New Mexico State University\*  
 Oregon State University\*  
 Texas A & M University  
 Utah State University\*  
 Washington State University
- REGENERATION**  
 Arkansas, University of  
 Auburn University  
 New Mexico State University\*  
 Oklahoma State University  
 Pennsylvania State University  
 Virginia Polytechnic Institute
- REMOTE SENSING, PHOTOGRAMMETRY**  
 Arizona, University of\*  
 Colorado State University\*  
 Connecticut, University of  
 Cornell University\*  
 Georgia, University of\*  
 Louisiana State University\*  
 Michigan, University of\*  
 Minnesota, University of  
 New Hampshire, University of\*  
 New Mexico State University  
 North Carolina State University  
 Northern Arizona University  
 State University of New York (SUNY)  
 Tennessee, University of\*  
 Washington State University\*  
 Wisconsin/Madison, University of\*
- RURAL DEVELOPMENT**  
 Utah State University\*  
 Vermont, University of\*
- SEED COLLECTION, HANDLING**  
 Mississippi State University
- SILVICULTURE**  
 Arkansas, University of  
 Auburn University  
 Clemson University  
 Georgia, University of  
 Humboldt State University

- Illinois, University of\*  
 Kentucky, University of  
 Maine, University of  
 Mississippi State University  
 Missouri, University of  
 New Mexico State University  
 North Carolina State University  
 Oregon State University  
 Southern Illinois University  
 Stephen F. Austin University  
 Tennessee, University of  
 Texas A & M University  
 Washington, University of  
 Wisconsin/Stevens Point, University of
- SOCIAL FORESTRY**
- California Polytechnic State University\*  
 Connecticut, University of  
 Idaho, University of  
 Missouri, University of\*  
 Montana, University of  
 Utah State University  
 Yale University
- SOIL CONSERVATION**
- Hawaii, University of  
 Mississippi State University\*
- SOIL SCIENCE**
- Arizona, University of\*  
 Auburn University\*  
 California Polytechnic State University\*  
 Cornell University\*  
 Georgia, University of\*  
 Humboldt State University\*  
 Illinois, University of  
 Kentucky, University of  
 Louisiana State University\*  
 Maine, University of\*  
 Missouri, University of  
 New Hampshire, University of  
 New Mexico State University\*  
 North Carolina State University\*  
 Oklahoma State University\*  
 Virginia Polytechnic Institute\*  
 Wisconsin/Madison, University of\*
- STATISTICS**
- Iowa State University\*  
 Yale University\*
- TREE IMPROVEMENT, GENETICS**
- California-Berkeley, University of  
 Iowa State University
- Kentucky, University of  
 Michigan State University  
 Minnesota, University of  
 New Mexico State University  
 North Carolina State University  
 Oklahoma State University  
 Tennessee, University of  
 Wisconsin/Madison, University of
- URBAN FOREST, LANDSCAPE ARCHITECTURE**
- Arizona, University of  
 California Polytechnic State University  
 Kansas State University  
 State University of New York (SUNY)\*  
 Wisconsin/Stevens Point, University of
- WATER QUALITY/LIMNOLOGY**
- Missouri, University of  
 Purdue University
- WATER RESOURCES MANAGEMENT**
- Florida, University of\*  
 Utah State University\*
- WATERSHED MANAGEMENT**
- Arizona, University of  
 California Polytechnic State University  
 Colorado State University\*  
 Connecticut, University of  
 Humboldt State University  
 Minnesota, University of  
 Missouri, University of\*  
 Oregon State University  
 Pennsylvania State University  
 Utah State University  
 Vermont, University of
- WINDBREAKS, SHELTERBELTS**
- Kansas State University
- WILDLIFE MANAGEMENT**
- Arizona, University of  
 Auburn University\*  
 California-Berkeley, University of  
 Clemson University  
 Colorado State University  
 Cornell University\*  
 Florida, University of  
 Georgia, University of  
 Humboldt State University\*  
 Idaho, University of  
 Louisiana State University  
 Maine, University of

Michigan, University of\*  
Minnesota, University of  
Mississippi State University  
Montana, University of  
New Hampshire, University of  
Northern Arizona University  
Oklahoma State University\*  
Oregon State University\*  
Pennsylvania State University  
Purdue University  
State University of New York (SUNY)\*  
Stephen F. Austin University  
Tennessee, University of  
Texas A & M University  
Virginia Polytechnic Institute  
Washington State University  
West Virginia University  
Wisconsin/Madison, University of\*  
Yale University

WOOD CHEMISTRY  
Clemson University

WOOD SCIENCE, ENGINEERING  
Purdue University

ZOOLOGY  
Florida, University of\*

### FACULTY INDEXED BY LANGUAGE SKILLS

Note: The following schools did not return descriptions of their faculty: University of Arkansas, Auburn University, University of Florida, Kansas State University, University of Maine, Oregon State University.

#### AFRIKAANS

Peinaar, L. University of Georgia 5.0

#### AMHARIC

Tecle, A. Northern Arizona University 4.0

#### ARABIC

Bunderson, T. Washington State University 2.0

Tecle, A. Northern Arizona University 3.0

El-Swaify, S. University of Hawaii 5.0

#### BANTU

Drew, A. State University of New York 2.5

#### BULGARIAN

Whitworth, W. University of Connecticut 2.0

#### CAMBODIAN

Sin, M. Humboldt State University 5.0

#### CREOLE (HAITIAN)

Lantagne, D. Michigan State University 3.0

#### CZECH

Engalichev, N. University of New Hampshire 2.0

#### CHINESE

Chang, M. Stephen F. Austin State Univ. 5.0

Chang, S. University of Kentucky 5.0

Chow, P. University of Illinois 4.0

Hon, D. Clemson University 5.0

Hu, S. Louisiana State University 5.0

Kung, F. Southern Illinois University 5.0

Lee, A. Clemson University 5.0

Lee, C. Univ. of Wisconsin-St. Pt. 5.0

Liv, C. University of Kentucky 5.0

Kuo, M.L. Iowa State University 5.0

#### DUTCH

Becking, R. Humboldt State University 5.0

Choong, E. Louisiana State University 2.0

Dykstra, D. Northern Arizona University 2.5

Peinaar, L. University of Georgia 3.0

Schreuder, G. University of Washington 5.0

Van Buijtenen, J. Texas A & M University 5.0

#### FINNISH

Gordon, J. Yale University 3.0

#### FRENCH

Ables, E. University of Idaho 2.0

Brister, G. University of Georgia 3.0

Brush, R. Univ. of Wisconsin-St. Pt. 2.0

Bunderson, D. Washington State University 3.0

Buongiorno, J. Univ. of Wisconsin-Madison 5.0

Carroll, J. University of New Hampshire 2.0

Civco, D. University of Connecticut 2.5

Cutter, B. University of Missouri 2.5

David, C. Univ. of Wisconsin-St. Pt. 3.5

Dawson, J. University of Illinois 2.0

Engalichev, N. University of New Hampshire 4.0

Flores, M. Colorado State University 3.0

Franck, B. University of Minnesota 5.0

Garrett, H. University of Missouri 2.0

Gilbert, F. Washington State University 5.0

Hallgren, S. Oklahoma State University 3.5

Hammel, K. State University of New York 2.0

Hannah, P. University of Vermont 3.0

Hawkins, R. University of Arizona 2.0

Hill, D. University of Kentucky 3.0

Howard, T. University of New Hampshire 2.0

Jenkins, M. Utah State University 2.0

Jones, J. University of Missouri 2.0

Kellert, S. Yale University 3.0

Klontz, G. University of Idaho 2.0

Krausman, P. University of Arizona 3.0

Lanner, R. Utah State University 3.0

Lantagne, D. Michigan State University 2.0

Lynch, B. Cornell University 3.5

McKillop, W. Univ. of California-Berkeley 3.5

McLaughlin, W. University of Idaho 3.0

Meyers, W. Pennsylvania State University 2.0

Nguyen, P. Michigan State University 2.5

Passineau, J. Univ. of Wisconsin-St. Pt. 2.0

Reich, P. Univ. of Wisconsin-Madison 2.5

Fittenhouse, L. Colorado State University 2.0

Rose, D. University of Minnesota 3.0

Schabel, H. Univ. of Wisconsin-St. Pt. 3.0

Schreuder, G. University of Washington 4.0

Sin, S. Humboldt State University 4.0

Smith, D. Yale University 2.0

Steiner, K.	Pennsylvania State University	2.0
Vincent, J.	Michigan State University	3.0
Vogt, K.	Yale University	2.5
Wallace, G.	Colorado State University	2.0
Yost, R.	University of Hawaii	3.0
Zinke, P.	Univ. of California-Berkeley	2.0

**GERMAN**

Baer, R., Jr.	Cornell University	3.5
Barnes, B.	University of Michigan	3.0
Barrett, J.	University of New Hampshire	2.5
Becking, R.	Humboldt State University	4.0
Bilan, M.	Stephan F. Austin State Univ.	4.0
Botzler, R.	Humboldt State University	3.0
Chow, P.	University of Illinois	2.5
Craig, R.	University of Connecticut	2.0
Dykstra, D.	Northern Arizona University	3.5
Eschner, A.	State University of New York	3.0
Fortmann, L.	Univ. of California-Berkeley	3.0
Gay, L.	University of Arizona	2.0
Gratzer, M.	State University of New York	2.0
Hammel, K.	State University of New York	3.5
Hannah, P.	University of Vermont	3.0
Hanover, J.	Michigan State University	2.0
Hawkins, R.	University of Arizona	2.0
Helms, J.	Univ. of California-Berkeley	2.0
Klemmedson, J.	University of Arizona	3.0
Lee, C.	Univ. of Wisconsin-St. Pt.	2.0
Maquire, L.	Duke University	2.0
Mendoza, G.	University of Illinois	3.0
Peinaar, L.	University of Georgia	2.0
Petriceks, J.	State University of New York	4.0
Resch, H.	State University of New York	5.0
Rose, D.	University of Minnesota	5.0
Roth, P.	Southern Illinois University	3.5
Schabel, H.	Univ. of Wisconsin-St. Pt.	5.0
Schniewind, A.	Univ. of California-Berkeley	5.0
Schreuder, G.	University of Washington	5.0
Spacie, A.	Purdue University	4.0
Steinbeck, K.	University of Georgia	5.0
Suchsland, O.	Michigan State University	5.0
Vogt, K.	Yale University	3.0
Zinke, A.	Univ. of California-Berkeley	2.0

**GUARI GUARI**

Wallace, G.	Colorado State University	3.0
-------------	---------------------------	-----

**HEBREW**

Oren, R.	Duke University	5.0
Gold, M.	Michigan State University	2.0

**HINDI**

Romm, J.	Univ. of California-Berkeley	3.0
Vasisth, R.	Mississippi State University	5.0

**HUNGARIAN**

Gratzer, M.	State University of New York	5.0
-------------	------------------------------	-----

**INDONESIAN**

Choong, E.	Louisiana State University	5.0
------------	----------------------------	-----

**ITALIAN**

Buongiorno, J.	University of Wisconsin	4.0
Engalichev, N.	University of New Hampshire	2.5
Flores, M.	Colorado State University	3.0
Lynch, B.	Cornell University	3.0
Teclé, A.	Northern Arizona University	3.0
Zinke, P.	Univ. of California-Berkeley	3.0

**JAPANESE**

Hill, D.	University of Kentucky	2.5
Hon, D.	Clemson University	3.5
Howard, T.	University of New Hampshire	2.0
Lee, C.	Univ. of Wisconsin-St. Pt.	4.0
Schniewind, A.	Univ. of California-Berkeley	3.5

**KOREAN**

Kang, H.	University of Wisconsin	5.0
----------	-------------------------	-----

**KURDISH**

Moslemi, A.	University of Idaho	4.0
-------------	---------------------	-----

**MALAYSIAN**

Hon, D.	Clemson University	2.5
Schreuder, G.	University of Washington	4.0

**MANDARIN**

Huntsinger, L.	Univ. of California-Berkeley	3.0
----------------	------------------------------	-----

**NEPALI**

Romm, J.	Univ. of California-Berkeley	3.0
Smith, J.	University of Minnesota	3.0

**NORWEGIAN**

Newton, C.	University of Vermont	2.5
------------	-----------------------	-----

**PERSIAN**

Moslemi, A.	University of Idaho	5.0
-------------	---------------------	-----

**PORTUGUESE**

Flores, M.	Colorado State University	2.0
Guries, R.	Univ. of Wisconsin-Madison	2.5
Knudson, D.	Purdue University	4.0
Laarman, J.	North Carolina State Univ.	2.0
LaBar, G.	University of Vermont	2.0
Lopes, V.	University of Arizona	5.0
McArthur, H.	University of Hawaii	3.0
McTague, J.	Northern Arizona University	4.0
Montagnini, F.	Yale University	3.5

Myers, C. Southern Illinois University 2.0  
 Petriceks, J. State University of New York 2.5  
 Reich, P. Univ of Wisconsin-Madison 3.0  
 Sanford, R. Colorado State University 3.0  
 Smith, E. University of Arizona 3.0  
 Zinke, P. Univ. of California-Berkeley 2.0

**RUSSIAN**

Engalichev, N. University of New Hampshire 4.0  
 Petriceks, J. State University of New York 3.5

**SPANISH**

Beissinger, S. Yale University 3.5  
 Berlyn, G. Yale University 2.5  
 Bowden, W. University of New Hampshire 2.0  
 Bravo-Ureta, B. University of Connecticut 5.0  
 Brown, S. University of Illinois 2.5  
 Burch, B. Yale University 2.0  
 Burde, J. Southern Illinois University 3.0  
 Chaney, W. Purdue University 2.0  
 Civco, D. University of Connecticut 2.0  
 Diana, J. University of Michigan 2.0  
 Dvorak, W. North Carolina State Univ. 2.5  
 Engalichev, N. University of New Hampshire 2.5  
 Erickson, R. University of Minnesota 3.0  
 Eschner, A. State University of New York 2.0  
 Fisher, R. Utah State University 2.0  
 Flores, M. Colorado State University 5.0  
 Gaffney, G. Southern Illinois University 3.0  
 Gara, R. University of Washington 4.0  
 Gold, M. Michigan State University 2.5  
 Gower, S. Univ. of Wisconsin-Madison 2.5  
 Gregerson, H. University of Minnesota 3.0  
 Grossman, G. University of Georgia 3.5  
 Ham, S. University of Idaho 3.5  
 Hammitt, W. University of Tennessee 2.0  
 Healy, R. Duke University 3.0  
 Hill, D. University of Kentucky 3.0  
 John, H. University of Connecticut 2.0  
 Johnson, F. University of Idaho 2.5  
 K. elbaso, J. Michigan State University 3.5  
 Klontz, G. University of Idaho 2.0  
 Knudson, D. Purdue University 4.0  
 Koelling, M. Michigan State University 3.5  
 Krolly, J. Stephen F. Austin State Univ. 5.0  
 Kronrad, G. Stephen F. Austin State Univ. 2.0  
 Kulhavy, D. Stephen F. Austin State Univ. 2.0  
 Laarman, J. North Carolina State Univ. 3.0  
 LaBar, G. University of Vermont 4.0  
 Legg, M. Stephen F. Austin State Univ. 2.0  
 Lowell, K. University of Missouri 2.5  
 Lynch, B. Cornell University 3.5  
 Martin, R. Univ. of California-Berkeley 3.0  
 McArthur, H. University of Hawaii 3.0

McDonough Michigan State University 2.0  
 McKetta, C. University of Idaho 3.0  
 McKillop, W. Univ. of California-Berkeley 2.0  
 McTague, J. Northern Arizona University 3.0  
 Mendoza, G. University of Illinois 4.0  
 Mize, C. Iowa State University 3.5  
 Montagnini, F. Yale University 5.0  
 Nelson, L. University of Idaho 3.0  
 Newman, D. University of Georgia 3.5  
 Nimlos, T. University of Montana 3.0  
 Parks, P. Duke University 2.0  
 Perfecto, I. University of Michigan 5.0  
 Perry, J. University of Minnesota 2.0  
 Petriceks, J. State University of New York 5.0  
 Potter-Witter, K. Michigan State University 2.5  
 Ramm, C. Michigan State University 2.5  
 Reich, P. Univ. of Wisconsin-Madison 4.0  
 Resch, H. State University of New York 2.0  
 Romm, J. Univ. of California-Berkeley 2.0  
 Rose, D. University of Minnesota 4.0  
 Roth, P. Southern Illinois University 2.5  
 Sanford, R. Colorado State University 4.0  
 Schabel, H. Univ. of Wisconsin-St. Pt. 2.5  
 Schniewind, A. Univ. of California-Berkeley 2.5  
 Schreuder, G. University of Washington 4.0  
 Shaw, W. University of Arizona 3.5  
 Smith, C. University of New Hampshire 3.0  
 Stapp, W. University of Michigan 2.0  
 Stark, N. University of Montana 2.5  
 Stier, J. Univ. of Wisconsin-Madison 2.0  
 Tainter, F. Clemson University 3.0  
 Thurston, H. Cornell University 3.5  
 Tracy, W. Stephen F. Austin State Univ. 2.0  
 Vogt, K. Yale University 2.0  
 Wallace, G. Colorado State University 4.0  
 White, D. West Virginia University 2.0  
 Willard, E. University of Montana 3.0  
 Wisdom, H. Virginia Polytechnic Institute 3.5  
 Woods, F. University of Tennessee 2.0

**SWAHILI**

Bunderson, T. Washington State University 5.0  
 Fortmann, L. Univ. of California-Berkeley 3.0  
 Schabel, H. Univ. of Wisconsin-St. Pt. 2.0

**SWEDISH**

Kellert, S. Yale University 3.5

**TAIWANESE**

Lee, A. Clemson University 5.0  
 Romm, J. Univ. of California-Berkeley 3.0

**TARKANA**

Ellis, J. Colorado State University 2.0

**THAI**

Romm, J. Univ. of California-Berkeley 3.0

Zinke, P. Univ. of California-Berkeley 2.0

**TIGRINIA**

Teclé, A. Northern Arizona University 5.0

**URDU**

Vasishth, R. Mississippi State University 5.0

**VIETNAMESE**

Nguyen, P. Michigan State University 5.0



Artificial Intelligence

Minnesota, University of B. Franck

Biological Diversity (BDIV)

Colorado State University R.L. Sanford  
 Connecticut, University of R. Craig  
 Duke University L. Maquire  
 Duke University J. Terborgh  
 Idaho, University of E. Ables  
 Idaho, University of F.D. Johnson  
 Michigan, University of J.B. Burch  
 Michigan, University of T. Root  
 Minnesota, University of J. Perry  
 Minnesota, University of J.L.D. Smith  
 Missouri, University of D. Galat  
 North Carolina State Univ. W. Dvorak  
 North Carolina State Univ. A. Gillespie  
 New Hampshire, University of J. Barrett  
 State University of New York R. Burgess  
 Washington State University F. Gilbert  
 West Virginia University D. Samuel  
 Wisconsin/Madison, Univ. of R. Gurles  
 Wisconsin/Madison, Univ. of H. Kang  
 Wisconsin/Stv. Point, Univ. of H. Schabel  
 Yale University S. Belssinger

Biology (BIOL)

Connecticut, University of R. Craig  
 Duke University J. Terborgh  
 Georgia, University of R. Marchinton  
 Louisiana State University J. Avault, Jr.  
 Michigan, University of J.B. Burch  
 Michigan, University of T. Root  
 Minnesota, University of J. Perry  
 Pennsylvania State University J. Stauffer  
 State University of New York R. Burgess  
 State University of New York M. Mitchell  
 Vermont, University of G. LaBar  
 Washington State University F. Gilbert

Botany, Plant Science (BOTY)

Iowa State University H. McNabb, Jr.  
 Michigan, University of B. Barnes  
 North Carolina State Univ. F. Bridgewater  
 New Hampshire, University of B. Rock  
 Pennsylvania State University K. Steiner  
 Purdue University W. Chaney  
 State University of New York A. Drew  
 State University of New York R. Burgess  
 Texas A & M University R. Newton

Utah State University R. Lanner  
 Washington State University B.F. Hoche  
 Washington State University J. Bassman  
 Washington State University B. Zamora  
 Wisconsin/Madison, Univ. of P. Reich  
 Yale University K. Vogt  
 Yale University G.P. Berlyn

Business Administration (BUSI)

Clemson University J. Syme  
 Clemson University T. Straka

Chemistry, Biochemistry (CHEM)

Clemson University D. Hon  
 Colorado State University D. Binkley  
 State University of New York K. Hammel  
 Wisconsin/Madison, Univ. of R. Young

Wetlands, Coastal Resources (COAS)

Cornell University B.T. Wilkins  
 Duke University R. Kramer  
 Idaho, University of C. Falter  
 Louisiana State University R. Chabreck  
 Michigan, University of C. Olson  
 Missouri, University of E. Fritzell

Communication, Public Relations (COMM)

Colorado State University G. Decker  
 Idaho, University of L. Nelson  
 Idaho, University of S. Ham  
 Michigan State University M. McDonough  
 Michigan, University of P. Nowak  
 Missouri, University of G. Weaver  
 Virginia Polytechnic Univ. J. Roggenbuck  
 Wisconsin/Stv. Point, Univ. of R. Wilke  
 Yale University S. Kellert

Computers, Data Processing (COMP)

Arizona, University of V. Lopes  
 Clemson University S. Nodine  
 Clemson University A. Marsinko  
 Georgia, University of G. Brister  
 Iowa State University C. Mizo  
 Kentucky, University of C.J. Lui  
 Michigan State University C. Ramm  
 Michigan, University of W. Drake

Minnesota, University of	D. Rose
Minnesota, University of	C. Blinn
Missouri, University of	S. Lamphear
Montana, University of	S. Running
North Carolina State Univ.	F. Bridgewater
Northern Arizona University	D. Dykstra
Pennsylvania State University	W. Meyers
Southern Illinois University	F. Kung
Tennessee, University of	J.C. Rennie
Vermont, University of	C. Newton
Virginia Polytechnic Univ.	H. Burkhart
Virginia Polytechnic Univ.	R. Giles, Jr.
Yale University	G. Furnival

Conservation Biology (CBIO)

Arizona, University of	P. Krausman
Arizona, University of	W.W. Shaw
California/Berkeley, U. of	R.H. Barrett
California/Berkeley, U. of	D. McCullough
Connecticut, University of	W.R. Whitworth
Cornell University	D.J. Decker
Duke University	L. Maquire
Duke University	J. Terborgh
Georgia, University of	R. Marchinton
Idaho, University of	G. Machlis
Kentucky, University of	R.N. Muller
Michigan, University of	T. Root
Minnesota, University of	J. Perry
Minnesota, University of	J.L.D. Smith
New Hampshire, University of	J. Barrett
Washington State University	J. Nelson
West Virginia University	R. Smith
Yale University	S. Beissinger

Education (EDUC)

Clemson University	A. Marsinko
Colorado State University	R. Cook
Colorado State University	G. Decker
Connecticut, University of	H. John
Idaho, University of	E. Ables
Idaho, University of	S. Ham
Idaho, University of	J. Ulliman
Idaho, University of	G.W. Klontz
Kentucky, University of	R.N. Muller
Kentucky, University of	B. Thielges
Michigan State University	M. Gold
Michigan State University	J. Hanover
Michigan State University	C. Ramm
Michigan State University	J. Kielbaso
Michigan, University of	P. Nowak
Missouri, University of	E. Fritzell
Missouri, University of	G. Weaver

Missouri, University of	S. Lamphear
Montana, University of	T.J. Nimlos
Montana, University of	D. Pletscher
New Hampshire, University of	C.T. Smith
New Mexico State University	G.B. Donart
State University of New York	J. Petriceks
State University of New York	M. Gratzer
State University of New York	B. Blackmon
Tennessee, University of	D. Ostermeier
Virginia Polytechnic Univ.	L. Helfrich
Virginia Polytechnic Univ.	R.E. Adams
West Virginia University	H. Wiant
Wisconsin/Stv. Point, Univ. of	H. Schabel
Wisconsin/Stv. Point, Univ. of	R. Wilke
Yale University	J. Gordon

Endangered Species

California/Berkeley, U. of	D. McCullough
----------------------------	---------------

Energy (ENER)

Georgia, University of	B. Bongarten
Iowa State University	R. Hall
Minnesota, University of	R. Erickson
Virginia Polytechnic Univ.	W.B. Stuart

Engineering (ENGN)

Clemson University	D. Hon
Illinois, University of	P. Chow
Minnesota, University of	B. Franck
Purdue University	C. Eckelman
Stephen F. Austin State Univ.	W.D. Tracy

Entomology (ENTO)

Hawaii, University of	J. Beardsley
Northern Arizona University	M. Wagner
Stephen F. Austin State Univ.	D. Kulhavy
Utah State University	M. Jenkins
Utah State University	J.N. Long
Vermont, University of	G. LaBar
Washington, University of	R. Gara
West Virginia University	R. Hicks, Jr.
Wisconsin/Stv. Point, Univ. of	H. Schabel

Environment, Ecology (ENVT)

Arizona, University of	W.W. Shaw
Arizona, University of	E.L. Smith
California/Berkeley, U. of	D. McCullough
California/Berkeley, U. of	A. Schultz
Colorado State University	R.L. Sanford



Extension (EXTN)

California Polytechnic Univ.	T. OKeefe
Cornell University	D.J. Decker
Idaho, University of	L. Nelson
Idaho, University of	J.E. Force
Kentucky, University of	D.B. Hill
Minnesota, University of	C. Blinn
Missouri, University of	G. Weaver
North Carolina State Univ.	S.J. Hanover
Southern Illinois University	J. Phelps
State University of New York	B. Blackmon
Virginia Polytechnic Univ.	L. Helfrich
Virginia Polytechnic Univ.	J.E. Johnson
Washington State University	D. Baumgartner
Washington State University	B.F. Roche

Farming Systems

Hawaii, University of	H. McArthur
-----------------------	-------------

Fire Management (FIRE)

Arizona, University of	D.P. Guertin
California/Berkeley, U. of	R. Martin
Duke University	D. Richter
Idaho, University of	S. Bunting
Michigan State University	D. Dickmann
Michigan, University of	C. Olson
Missouri, University of	B. Cutter
Montana, University of	R. Wakimoto
Southern Illinois University	J. Fralish
Stephen F. Austin State Univ.	M. Whiting
Stephen F. Austin State Univ.	T. McGrath
Utah State University	M. Jenkins
Vermont, University of	D. Bergdahl
Vermont, University of	D. Wang
Washington State University	B. Zamora

Forest Economics (FECN)

California/Berkeley, U. of	L. Davis
California/Berkeley, U. of	W. McKillop
Clemson University	S. Nodine
Clemson University	T. Straka
Clemson University	A. Marsinko
Connecticut, University of	B. Bravo-Ureta
Duke University	P. Parks
Georgia, University of	D. Newman
Humboldt State University	M.S. Sin
Idaho, University of	C. McKetta
Idaho, University of	L. Medema
Illinois, University of	G. Mendoza
Kentucky, University of	S.J. Chang

Michigan State University	J. Vincent
Michigan State University	L. Leefers
Michigan State University	K. Potter-Witter
Minnesota, University of	D. Rose
Minnesota, University of	H. Gregerson
Minnesota, University of	C. Blinn
Montana, University of	D.H. Jackson
North Carolina State Univ.	J. Laarman
Northern Arizona University	D. Dykstra
Northern Arizona University	J. McTague
New Hampshire, University of	T. Howard
Purdue University	D. Knudson
Southern Illinois University	D. McCurdy
State University of New York	J. Petriceks
State University of New York	H. Canham
Stephen F. Austin State Univ.	G. Kronrad
Virginia Polytechnic Univ.	H.W. Wisdom
Virginia Polytechnic Univ.	W. Leuschner
Washington, University of	G. Schreuder
West Virginia University	D. White
Wisconsin/Madison, Univ. of	J. Buongiorno
Wisconsin/Madison, Univ. of	J. Stier
Wisconsin/Stv. Point, Univ. of	J. Harms

Forest Management (MGMT)

California/Berkeley, U. of	J. Helms
California/Berkeley, U. of	L. Davis
California/Berkeley, U. of	W. McKillop
Clemson University	S. Nodine
Clemson University	T. Straka
Clemson University	A. Marsinko
Georgia, University of	G. Brister
Georgia, University of	B. Shiver
Idaho, University of	C. McKetta
Illinois, University of	G. Mendoza
Illinois, University of	G. Gertner
Kentucky, University of	S.J. Chang
Kentucky, University of	C.J. Lui
Michigan State University	C. Ramm
Michigan State University	K. Potter-Witter
Michigan State University	M. Koelling
Michigan, University of	C. Olson
Minnesota, University of	C. Blinn
Missouri, University of	K. Lowell
Mississippi State University	W.F. Miller
Montana, University of	D.H. Jackson
Northern Arizona University	A. Teclé
Northern Arizona University	J. McTague
Southern Illinois University	F. Kung
Southern Illinois University	C. Meyers
Southern Illinois University	P. Rotl
Southern Illinois University	D. McCurdy
State University of New York	D. Monteith

State University of New York  
 Stephen F. Austin State Univ.  
 Vermont, University of  
 Vermont, University of  
 Vermont, University of  
 Vermont, University of  
 Virginia Polytechnic Univ.  
 Washington State University  
 Washington State University  
 Washington State University  
 West Virginia University  
 West Virginia University  
 Wisconsin/Madison, Univ. of  
 Wisconsin/Madison, Univ. of  
 Wisconsin/Madison, Univ. of  
 Wisconsin/Stv. Point, Univ. of  
 Yale University  
 Yale University

H. Canham  
 J. Krolly  
 R. Manning  
 A. Gilbert  
 D. Wang  
 C. Newton  
 H.W. Wisdom  
 W. Leuschner  
 H. Burkhardt  
 J.E. Johnson  
 D.W. Smith  
 R.E. Adams  
 C. Goebel  
 D. Baumgartner  
 T. Bunderson  
 D. White  
 R. Hicks, Jr.  
 J. Buongiorno  
 H. Kang  
 J. Stier  
 J. Harms  
 F. Montagnini  
 G. Furnival

Purdue University  
 Southern Illinois University  
 State University of New York  
 State University of New York  
 State University of New York  
 Tennessee, University of  
 Vermont, University of  
 Washington, University of  
 Wisconsin/Madison, Univ. of  
 Wisconsin/Stv. Point, Univ. of

C. Eckelman  
 J. Phelps  
 H. Resch  
 K. Hammel  
 R. Meyer  
 R. Little  
 A. Gilbert  
 W.R. Smith  
 R. Young  
 J. Harms

### Forest Recreation

Missouri, University of  
 Stephen F. Austin State Univ.

S. Lamphear  
 M. Legg

### Fresh-water Fisheries (FISH)

Connecticut, University of  
 Cornell University  
 Georgia, University of  
 Idaho, University of  
 Idaho, University of  
 Louisiana State University  
 Michigan, University of  
 Missouri, University of  
 Missouri, University of  
 Mississippi State University  
 Pennsylvania State University  
 Purdue University  
 Tennessee, University of  
 Vermont, University of  
 Virginia Polytechnic Univ.

W.R. Whitworth  
 B.T. Wilkins  
 G. Grossman  
 C. Falter  
 G.W. Klontz  
 J. Avault, Jr.  
 J. Diana  
 J. Jones  
 D. Galat  
 D.C. Jackson  
 J. Stauffer  
 A. Spacie  
 J. Wilson  
 G. LaBar  
 L. Helfrich

### Forest Meteorology

Connecticut, University of

D. Miller

### Forest Nutrition

Montana, University of

N. Stark

### Forest Products, Wood Utilization (PROD)

California/Berkeley, U. of  
 California Polytechnic Univ.  
 Clemson University  
 Clemson University  
 Clemson University  
 Clemson University  
 Idaho, University of  
 Illinois, University of  
 Iowa State University  
 Kentucky, University of  
 Louisiana State University  
 Michigan State University  
 Minnesota, University of  
 Missouri, University of  
 Mississippi State University  
 North Carolina State Univ.  
 North Carolina State Univ.  
 New Hampshire, University of  
 New Hampshire, University of

A. Schniewind  
 T. OKeefe  
 D. Hon  
 A. Lee  
 R. Tainter  
 J. Syme  
 A. Moslemi  
 P. Chow  
 M.L. Kuo  
 S.J. Chang  
 E. Choong  
 O. Suchsland  
 R. Erickson  
 B. Cutter  
 R.C. Vasishth  
 B. Zobel  
 S.J. Hanover  
 N. Engalichev  
 J.L. Hill

### Harvesting (HARV)

Missouri, University of  
 Northern Arizona University  
 Southern Illinois University  
 Virginia Polytechnic Univ.

B. Cutter  
 D. Dykstra  
 G. Aubertin  
 W.B. Stuart

### Horticulture (HORT)

Missouri, University of  
 Wisconsin/Stv. Point, Univ. of

M. Masek  
 R.W. Miller

### Hydrology (HYDR)

Arizona, University of  
 California/Berkeley, U. of

M. Fogel  
 L. Gay  
 D.P. Guertin  
 R. Hawkins  
 V. Lopes  
 P. Zinke

Connecticut, University of  
 Georgia, University of  
 Minnesota, University of  
 North Carolina State Univ.  
 Northern Arizona University  
 New Hampshire, University of  
 Purdue University  
 Southern Illinois University  
 State University of New York  
 Stephen F. Austin State Univ.

D. Miller  
 W. Nutter  
 K. Brooks  
 J. Gregory  
 A. Teclé  
 W. Bowden  
 A. Spacie  
 G. Aubertin  
 A. Eschner  
 M. Chang

### Integrated Pest Management (IPMS)

Clemson University  
 Cornell University  
 Iowa State University  
 Michigan, University of

R. Tainter  
 H.D. Thurston  
 H. McNabb, Jr.  
 I. Perfecto

### International Affairs, Political Science (INTL)

California/Berkeley, U. of  
 Michigan State University  
 Montana, University of  
 New Hampshire, University of  
 Vermont, University of  
 Vermont, University of

W. McKillop  
 J. Vincent  
 R. Ream  
 J. Carroll  
 L. King  
 J. Flack

### International Forestry

Humboldt State University  
 Illinois, University of

M.S. Sin  
 S. Brown

### Irrigation (IRRI)

Arizona, University of  
 Arizona, University of

M. Fogel  
 L. Gay

### Land Use Planning, Env't Assessment (LAUS)

Arizona, University of  
 Arizona, University of  
 Colorado State University  
 Connecticut, University of  
 Cornell University  
 Cornell University  
 Duke University  
 Humboldt State University  
 Humboldt State University  
 Idaho, University of  
 Idaho, University of  
 Idaho, University of

M. Fogel  
 R. Hawkins  
 R. Hoffer  
 D.L. Civco  
 A. VanWambeke  
 R.A. Baer, Jr.  
 R. Healy  
 R. Becking  
 L. Fox  
 W. McLaughlin  
 J.E. Force  
 J. Ulliman

Idaho, University of  
 Michigan State University  
 Michigan State University  
 Minnesota, University of  
 Minnesota, University of  
 Missouri, University of  
 Montana, University of  
 North Carolina State Univ.  
 New Hampshire, University of  
 New Hampshire, University of  
 Southern Illinois University  
 State University of New York  
 State University of New York  
 Stephen F. Austin State Univ.  
 Stephen F. Austin State Univ.  
 Vermont, University of  
 Vermont, University of  
 Vermont, University of  
 Virginia Polytechnic Univ.  
 Virginia Polytechnic Univ.  
 Wisconsin/Stv. Point, Univ. of  
 Wisconsin/Stv. Point, Univ. of  
 Yale University

C. Falter  
 L. Leefers  
 K. Potter-Witter  
 D. Rose  
 J.L.D. Smith  
 M. Masek  
 A. McQuillan  
 D.A. Adams  
 W. Bowden  
 R. Harter  
 K. Chilman  
 M. Gratzler  
 H. Canham  
 M. Chang  
 W.D. Tracy  
 R. Manning  
 L. King  
 J. Flack  
 W. Leuschner  
 R. Giles, Jr.  
 R. Brush  
 R.W. Miller  
 B. Burch

### Mapping (MAPP)

Connecticut, University of  
 Idaho, University of  
 Stephen F. Austin State Univ.  
 Wisconsin/Stv. Point, Univ. of

D.L. Civco  
 J. Ulliman  
 W.D. Tracy  
 N. Spangenberg

### Marine Resources, Fisheries (MARI)

Cornell University  
 Georgia, University of  
 Louisiana State University  
 Michigan, University of

B.T. Wilkins  
 G. Grossman  
 J. Avault, Jr.  
 J. Diana

### Marketing, Trade, Coops (MKTG)

California/Berkeley, U. of  
 Clemson University  
 Colorado State University  
 Kentucky, University of  
 Tennessee, University of  
 Virginia Polytechnic Univ.  
 Washington, University of

W. McKillop  
 J. Syme  
 G. Wallace  
 S.J. Chang  
 D. Ostermeier  
 H.W. Wisdom  
 W.R. Smith

### Mechanical Properties of Wood

Minnesota, University of

B. Franck

**Mensuration (MENS)**

Arizona, University of	P. Ffolliott
Arizona, University of	E.L. Smith
Colorado State University	M.R. Flores
Georgia, University of	G. Brister
Georgia, University of	L. Peinaar
Georgia, University of	B. Shiver
Humboldt State University	R. Becking
Illinois, University of	G. Gertner
Illinois, University of	S. Brown
Iowa State University	C. Mize
Kentucky, University of	C.J. Lui
Michigan State University	C. Ramm
Northern Arizona University	J. McTague
New Hampshire, University of	J. Barrett
Pennsylvania State University	W. Meyers
Southern Illinois University	F. Kung
Southern Illinois University	C. Meyers
State University of New York	D. Monteith
Stephen F. Austin State Univ.	D. Lerhart
Tennessee, University of	J.C. Rennie
Vermont, University of	C. Newton
Virginia Polytechnic Univ.	H. Burkhart
West Virginia University	H. Wiant
Yale University	G. Furnival

**Natural Forest Management (NATF)**

Colorado State University	R.L. Sanford
Connecticut, University of	H. John
Connecticut, University of	W.R. Whitworth
Cornell University	T.J. Fahey
Humboldt State University	R. Becking
Idaho, University of	D.L. Adams
Michigan State University	J. Vincent
Missouri, University of	H.E. Garrett
Missouri, University of	K. Lowell
Montana, University of	R. Pfister
New Mexico State University	B. Buchanan
North Carolina State Univ.	R.C. Keilison
New Hampshire, University of	T. Howard
Southern Illinois University	C. Meyers
Southern Illinois University	J. Fralish
Southern Illinois University	D. McCurdy
Southern Illinois University	C. Budelsky
State University of New York	A. Drew
Washington State University	D. Scarnecchia
Wisconsin/Madison, Univ. of	P. Reich
Yale University	D.M. Smith

**Natural Resource Economics (NECN)**

California/Berkeley, U. of	J. Romm
Clemson University	S. Nodine
Connecticut, University of	B. Bravo-Ureta
Cornell University	D.G. Sisler
Duke University	R. Healy
Duke University	R. Kramer
Duke University	P. Parks
Georgia, University of	D. Newman
Idaho, University of	L. Medema
Idaho, University of	C. McKetta
Illinois, University of	G. Mendoza
Michigan State University	J. Vincent
Michigan State University	L. Leefers
Michigan State University	K. Potter-Witter
Minnesota, University of	H. Gregerson
Montana, University of	D.H. Jackson
State University of New York	D. Monteith
State University of New York	H. Canham
Stephen F. Austin State Univ.	G. Kronrad
Tennessee, University of	D. Ostermeier
Utah State University	J. Kennedy
Vermont, University of	R. Manning
Vermont, University of	A. Gilbert
Virginia Polytechnic Univ.	H.W. Wisdom
West Virginia University	D. White
Wisconsin/Madison, Univ. of	J. B. Ongiorno
Wisconsin/Madison, Univ. of	J. Stier

**Natural Resource Management (NARS)**

Arizona, University of	E.L. Smith
California/Berkeley, U. of	R.H. Barrett
California/Berkeley, U. of	J. Romm
California/Berkeley, U. of	L. Davis
Clemson University	T. Straka
Colorado State University	J. Wyant
Connecticut, University of	D.L. Civco
Connecticut, University of	R. Craig
Cornell University	J.P. Lassoie
Cornell University	A. VanWambeke
Duke University	P. Parks
Idaho, University of	E. Ables
Idaho, University of	S. Bunting
Idaho, University of	C. Falter
Michigan, University of	P. Nowak
Michigan, University of	W. Stapp
Missouri, University of	J. Jones
Missouri, University of	H.E. Garrett
Missouri, University of	E. Fritzell
Missouri, University of	D. Galat

Montana, University of	R. Ream
Montana, University of	E. Willard
Montana, University of	S. McCool
Montana, University of	R. Pfister
Montana, University of	A. McQuillan
Montana, University of	R. Wakimoto
New Mexico State University	B. Buchanan
New Mexico State University	G.B. Donart
New Mexico State University	R.D. Pieper
North Carolina State Univ.	D.A. Adams
Northern Arizona University	A. Teclé
Northern Arizona University	D. Patton
New Hampshire, University of	W. Mautz
New Hampshire, University of	J. Carroll
Pennsylvania State University	W. Meyers
Southern Illinois University	J. Burde
State University of New York	A. Eschner
State University of New York	M. Mitchell
Tennessee, University of	W. Hammitt
Texas A & M University	L.M. Reid
Virginia Polytechnic Univ.	R.E. Adams
Washington State University	L. Hardesty
Washington State University	C. Goebel
Washington State University	B.F. Roche
Washington State University	F. Gilbert
Washington State University	J. Nelson
West Virginia University	R. Smith
West Virginia University	D. Samuel
West Virginia University	R. Hicks, Jr.
West Virginia University	H. Wiant
Wisconsin/Madison, Univ. of	J. Buongiorno
Wisconsin/Stv. Point, Univ. of	N. Spangenberg

Natural Resource Sociology

Michigan, University of	P. West
-------------------------	---------

Nitrogen Fixation

Hawaii, University of	J. Brewbaker
-----------------------	--------------

Nurseries (NURS)

Georgia, University of	K. Steinbeck
New Mexico State University	J. Mexal
Oklahoma State University	S. Hallgren
Utah State University	R.F. Fisher
Yale University	G.P. Berlyn

Nutrient Cycling

Montana, University of	N. Stark
------------------------	----------

Orchards (ORCH)

Hawaii, University of	L. Chia
-----------------------	---------

Parks, Wildland Management (PARK)

Arizona, University of	W.W. Shaw
California/Berkeley, U. of	R.H. Barrett
Colorado State University	G. Decker
Cornell University	R.J. McNeil
Idaho, University of	W. McLaughlin
Idaho, University of	G. Machlis
Idaho, University of	S. Ham
Michigan State University	M. McDonough
Missouri, University of	M. Masek
Montana, University of	R. Ream
Montana, University of	S. McCool
Montana, University of	R. Wakimoto
Purdue University	D. Knudson
Southern Illinois University	J. Burde
Southern Illinois University	D. McCurdy
Southern Illinois University	K. Chilman
State University of New York	M. Gratzer
Tennessee, University of	W. Hammitt
Texas A & M University	L.M. Reid
Utah State University	J. Kennedy
Vermont, University of	R. Manning
Virginia Polytechnic Univ.	J. Roggenbuck
Wisconsin/Stv. Point, Univ. of	J. Passineau
Yale University	B. Burch

Personnel Management (PERS)

Utah State University	J. Kennedy
-----------------------	------------

Pesticides, Toxicology (PEST)

Clemson University	L.R. Nelson
Kentucky, University of	L. Shain
Northern Arizona University	M. Wagner
Purdue University	A. Spacie
Southern Illinois University	G. Gaffney
State University of New York	K. Hammel
Virginia Polytechnic Univ.	S. Zedaker
Virginia Polytechnic Univ.	R. Kirkpatrick
West Virginia University	R. Hicks, Jr.
Wisconsin/Madison, Univ. of	E. Smalley

Plant Pathology (PATH)

Clemson University	R. Tainter
Colorado State University	R. Cook
Cornell University	H.D. Thurston

Iowa State University  
 Kentucky, University of  
 Northern Arizona University  
 Stephen F. Austin State Univ.  
 Stephen F. Austin State Univ.  
 Vermont, University of  
 Wisconsin/Madison, Univ. of

H. McNabb, Jr.  
 L. Shain  
 M. Wagner  
 T. McGrath  
 D. Kulhavy  
 D. Bergdahl  
 E. Smalley

### Plant Physiology (PHYS)

California/Berkeley, U. of  
 Clemson University  
 Colorado State University  
 Cornell University  
 Duke University  
 Georgia, University of  
 Illinois, University of  
 Kentucky, University of  
 Michigan State University  
 Michigan State University  
 Minnesota, University of  
 Montana, University of  
 Montana, University of  
 New Hampshire, University of  
 New Mexico State University  
 Oklahoma State University  
 Pennsylvania State University  
 Purdue University  
 Southern Illinois University  
 Stephen F. Austin State Univ.  
 Texas A & M University  
 Texas A & M University  
 Texas A & M University  
 Utah State University  
 Washington State University  
 Wisconsin/Madison, Univ. of  
 Yale University

J. Helms  
 L.R. Nelson  
 D. Binkley  
 J.P. Lassole  
 R. Oren  
 B. Bongarten  
 J. Dawson  
 L. Shain  
 J. Hanover  
 D. Dickmann  
 E. Sucoff  
 N. Stark  
 S. Running  
 B. Rock  
 J. Mezal  
 T. Hennessey  
 K. Steiner  
 W. Chaney  
 G. Gaffney  
 M.V. Bilan  
 M. Messina  
 R. Newton  
 J. Van Buijtenen  
 R. Lanner  
 J. Bassman  
 P. Reich  
 J. Gordon

### Plantation Management (PLNT)

Georgia, University of  
 Georgia, University of  
 Georgia, University of  
 Idaho, University of  
 Idaho, University of  
 Louisiana State University  
 Michigan State University  
 North Carolina State Univ.  
 Purdue University  
 State University of New York

G. Brister  
 L. Peinaar  
 B. Shiver  
 F.D. Johnson  
 D.L. Adams  
 S.C. Hu  
 D. Dickmann  
 B. Zobel  
 W. Dvorak  
 H.L. Allen  
 R.C. Kellison  
 C.B. Davey  
 D. Knudson  
 A. Drew

Virginia Polytechnic Univ.  
 Wisconsin/Madison, Univ. of  
 Wisconsin/Madison, Univ. of  
 Wisconsin/Stv. Point, Univ. of  
 Wisconsin/Stv. Point, Univ. of

H. Burkhart  
 S.T. Gower  
 R. Guries  
 C. David  
 J. Harms

### Policies, Institutions (POLY)

California/Berkeley, U. of  
 California/Berkeley, U. of  
 California/Berkeley, U. of  
 Colorado State University  
 Connecticut, University of  
 Cornell University  
 Duke University  
 Georgia, University of  
 Hawaii, University of  
 Idaho, University of  
 Idaho, University of  
 Kentucky, University of  
 Michigan State University  
 Michigan, University of  
 Minnesota, University of  
 Missouri, University of  
 North Carolina State Univ.  
 North Carolina State Univ.  
 New Hampshire, University of  
 New Hampshire, University of  
 Southern Illinois University  
 State University of New York  
 Tennessee, University of  
 Utah State University  
 Virginia Polytechnic Univ.  
 West Virginia University  
 Yale University

J. Romm  
 L. Fortmann  
 L. Huntsinger  
 R. Cook  
 H. John  
 R.A. Baer, Jr.  
 P. Healy  
 D. Newman  
 H. McArthur  
 J.E. Force  
 C. McKetta  
 B. Thielges  
 L. Leefer  
 W. Drake  
 H. Gregerson  
 W. Kurtz  
 D.A. Adams  
 J. Laarman  
 J. Carroll  
 T. Howard  
 J. Burde  
 D. Monteith  
 D. Ostermeier  
 J. Kennedy  
 L. Halfrich  
 D. White  
 S. Kellert

### Pulp and Paper (PULP)

Clemson University  
 Louisiana State University  
 Mississippi State University  
 State University of New York  
 State University of New York  
 Wisconsin/Madison, Univ. of

D. Hon  
 E. Choong  
 R.C. Vasishth  
 J. Unbehend  
 K. Hammel  
 R. Young

### Range Management, Livestock (RANG)

Arizona, University of  
 Arizona, University of  
 California/Berkeley, U. of  
 Hawaii, University of  
 Idaho, University of  
 Mississippi State University

J. Klemmedson  
 E.L. Smith  
 L. Huntsinger  
 B. Smith  
 S. Bunting  
 R. Karr

Montana, University of  
 New Mexico State University  
 New Mexico State University  
 Washington State University

**Regeneration (REGN)**

California/Berkeley, U. of	J. Helms
Clemson University	L.R. Nelson
Duke University	R. Oren
Georgia, University of	B. Shiver
Georgia, University of	B. Bongarten
Georgia, University of	K. Steinbeck
Idaho, University of	D.L. Adams
Kentucky, University of	B. Thielges
Michigan State University	D. Lantagne
Minnesota, University of	E. Sucoff
New Mexico State University	J. Mexal
North Carolina State Univ.	F. Bridgewater
Oklahoma State University	S. Hallgren
Pennsylvania State University	K. Steiner
Southern Illinois University	C. Budelsky
Tennessee, University of	E. Buckner
Virginia Polytechnic Univ.	S. Zedaker
Virginia Polytechnic Univ.	D.W. Smith
Virginia Polytechnic Univ.	R.E. Adams
Wisconsin/Stv. Point, Univ. of	C. David

**Remote Sensing (REMS)**

California/Berkeley, U. of	P. Zinke
California Polytechnic Univ.	T. OKeefe
Colorado State University	R. Hoffer
Connecticut, University of	D.L. Civco
Humboldt State University	L. Fox
Idaho, University of	J. Ulliman
Kentucky, University of	C.J. Lui
Michigan, University of	C. Olson
Missouri, University of	K. Lowell
Montana, University of	E. Willard
Montana, University of	S. Running
New Mexico State University	R.D. Pieper
Pennsylvania State University	W. Meyers
Southern Illinois University	C. Budelsky
Stephen F. Austin State Univ.	W.D. Tracy
Tennessee, University of	J.C. Rennie
Washington, University of	G. Schreuder

**Road Planning (ROAD)**

Virginia Polytechnic Univ.	W.B. Stuart
----------------------------	-------------

**Rural Development (RURL)**

California/Berkeley, U. of	J. Romm
California/Berkeley, U. of	L. Fortmann
Connecticut, University of	B. Bravo-Ureta
Hawaii, University of	H. McArthur
Idaho, University of	W. McLaughlin
Michigan State University	M. McDonough
Michigan, University of	W. Drake
Michigan, University of	P. West
North Carolina State Univ.	J. Laarman
State University of New York	M. Gratzler
Yale University	B. Burch

**Rural Health Care (RURH)**

Michigan, University of	W. Drake
-------------------------	----------

**Sawmills, Planing Mills (SAWM)**

Illinois, University of	P. Chow
Louisiana State University	E. Choong
Michigan State University	O. Suchsland
Missouri, University of	B. Cutter
New Hampshire, University of	N. Engalichev
New Hampshire, University of	J.L. Hill
Purdue University	C. Eckelman
Southern Illinois University	J. Phelps
State University of New York	H. Resch
State University of New York	R. Meyer

**Secondary Forest Production (SCND)**

Clemson University	A. Lee
Clemson University	J. Syme
Illinois, University of	P. Chow
Louisiana State University	E. Choong
Michigan State University	O. Suchsland
Minnesota, University of	R. Erickson
North Carolina State Univ.	S.J. Hanover
New Hampshire, University of	J.L. Hill
Purdue University	C. Eckelman
Southern Illinois University	J. Phelps
State University of New York	H. Resch

**Seed Handling, Collection (SEED)**

North Carolina State Univ.	W. Dvorak
----------------------------	-----------

Silviculture (SILV)

California/Berkeley, U. of  
 California/Berkeley, U. of  
 Duke University  
 Georgia, University of  
 Idaho, University of  
 Idaho, University of  
 Illinois, University of  
 Illinois, University of  
 Iowa State University  
 Kentucky, University of  
 Kentucky, University of  
 Louisiana State University  
 Michigan State University  
 Michigan, University of  
 Minnesota, University of  
 Missouri, University of  
 Mississippi State University  
 Montana, University of  
 North Carolina State Univ.  
 North Carolina State Univ.  
 North Carolina State Univ.  
 North Carolina State Univ.  
 Northern Arizona University  
 New Hampshire, University of  
 Oklahoma State University  
 Oklahoma State University  
 Purdue University  
 Southern Illinois University  
 Southern Illinois University  
 Southern Illinois University  
 Southern Illinois University  
 Stephen F. Austin State Univ.  
 Tennessee, University of  
 Texas A & M University  
 Utah State University  
 Vermont, University of  
 Virginia Polytechnic Univ.  
 Virginia Polytechnic Univ.  
 Virginia Polytechnic Univ.  
 Washington State University  
 Washington State University  
 Washington, University of  
 West Virginia University  
 Wisconsin/Madison, Univ. of  
 Wisconsin/Stv. Point, Univ. of  
 Wisconsin/Stv. Point, Univ. of

J. Helms  
 R. Martin  
 R. Oren  
 K. Steinbeck  
 F.D. Johnson  
 D.L. Adams  
 G. Gertner  
 J. Dawson  
 R. Hall  
 D.B. Hill  
 R.N. Muller  
 S.C. Hu  
 D. Lantagne  
 P. Nguyen  
 D. Dickmann  
 M. Koelling  
 B. Barnes  
 E. Sucoff  
 H.E. Garrett  
 R. Karr  
 R. Pfister  
 J. Gregory  
 H.L. Allen  
 R.C. Kellison  
 C.B. Davey  
 J. McTague  
 C.T. Smith  
 S. Hallgren  
 T. Hennessey  
 W. Chaney  
 C. Meyers  
 P. Roth  
 J. Fralish  
 C. Budelsky  
 M. Whiting  
 E. Buckner  
 M. Messina  
 J.N. Long  
 P. Hannah  
 S. Zedaker  
 J.E. Johnson  
 D.W. Smith  
 D. Baumgartner  
 J. Bassman  
 R. Gara  
 H. Wiant  
 R. Guries  
 H. Schabel  
 C. David

Wisconsin/Stv. Point, Univ. of  
 Yale University  
 Yale University  
 Yale University

C. Lee  
 J. Gordon  
 K. Vogt  
 D.M. Smith

Social Forestry (SOCL)

California/Berkeley, U. of  
 California/Berkeley, U. of  
 Colorado State University  
 Colorado State University  
 Cornell University  
 Cornell University  
 Idaho, University of  
 Idaho, University of  
 Idaho, University of  
 Idaho, University of  
 Kentucky, University of  
 Michigan State University  
 Michigan State University  
 Michigan State University  
 Michigan, University of  
 Minnesota, University of  
 Missouri, University of  
 State University of New York  
 Virginia Polytechnic Univ.  
 Washington State University  
 Yale University

L. Fortmann  
 L. Huntsinger  
 M.R. Flores  
 J. Ellis  
 J.P. Lassoie  
 B.D. Lynch  
 G. Machlis  
 W. McLaughlin  
 J.E. Force  
 G.H. Belt  
 D.B. Hill  
 M. Gold  
 M. McDonough  
 J. Kielbaso  
 P. West  
 D. Rose  
 W. Kurtz  
 J. Petriceks  
 W. Leuschner  
 D. Baumgartner  
 B. Burch

Soil Conservation (SCON)

Arizona, University of  
 Arizona, University of  
 Cornell University  
 Hawaii, University of  
 Humboldt State University  
 Idaho, University of  
 Montana, University of  
 North Carolina State Univ.  
 New Hampshire, University of  
 Stephen F. Austin State Univ.  
 Washington State University  
 Yale University

D.P. Guertin  
 R. Hawkins  
 A. VanWambeke  
 El-Swaify, S.  
 D. Hauxwell  
 G.H. Belt  
 T.J. Nimlos  
 J. Gregory  
 R. Harter  
 M. Cheng  
 J. Tiedeman  
 F. Montagnini

Soil Science (SOIL)

Arizona, University of  
 California/Berkeley, U. of  
 Colorado State University  
 Duke University  
 Hawaii, University of  
 Hawaii, University of  
 Hawaii, University of  
 Illinois, University of

J. Klemmedson  
 P. Zinke  
 D. Binkley  
 D. Richter  
 El-Swaify, S.  
 R. Yost  
 G. Uehara  
 J. Dawson

Louisiana State University  
 Michigan State University  
 Michigan State University  
 Montana, University of  
 Montana, University of  
 North Carolina State Univ.  
 North Carolina State Univ.  
 North Carolina State Univ.  
 New Hampshire, University of  
 New Hampshire, University of  
 New Hampshire, University of  
 New Mexico State University  
 Southern Illinois University  
 Southern Illinois University  
 State University of New York  
 Stephen F. Austin State Univ.  
 Tennessee, University of  
 Utah State University  
 Vermont, University of  
 Vermont, University of  
 Virginia Polytechnic Univ.  
 Virginia Polytechnic Univ.  
 Virginia Polytechnic Univ.  
 Wisconsin/Madison, Univ. of  
 Wisconsin/Stv. Point, Univ. of

S.C. Hu  
 D. Lantagne  
 P. Nguyen  
 N. Stark  
 T.J. Nimlos  
 A. Gillespie  
 H.L. Allen  
 C.B. Davey  
 C.T. Smith  
 J. Barrett  
 R. Harter  
 B. Buchanan  
 J. Fralich  
 G. Aubertin  
 M. Mitchell  
 K. Watterston  
 G. Weaver  
 R.F. Fisher  
 D. Bergdahl  
 P. Hannah  
 J. Roggenbuck  
 J.E. Johnson  
 D.W. Smith  
 S.T. Gower  
 C. David

Structural Design

Minnesota, University of B. Franck

Tourism Development Planning

Missouri, University of G. Weaver  
 North Carolina State Univ. J. Laarman

Tree Improvement,  
Genetics (TRIM)

California/Berkeley, U. of W. Libby  
 Georgia, University of B. Bongarten  
 Hawaii, University of J. Brewbaker  
 Iowa State University H. McNabb, Jr.  
 Iowa State University R. Hall  
 Kentucky, University of L. Shain  
 Kentucky, University of B. Thielges  
 Michigan State University M. Gold  
 Michigan State University J. Hanover  
 Michigan, University of B. Barnes  
 North Carolina State Univ. J. Jett  
 North Carolina State Univ. W. Dvorak  
 North Carolina State Univ. F. Bridgewater  
 North Carolina State Univ. R.C. Kellison  
 North Carolina State Univ. R.J. Weir  
 Oklahoma State University S. Hallgren

Pennsylvania State University K. Steiner  
 Southern Illinois University F. Kung  
 Texas A & M University J. Van Buijtenen  
 Utah State University R. Lanner  
 Vermont, University of P. Hannah  
 Wisconsin/Madison, Univ. of R. Guries  
 Wisconsin/Madison, Univ. of H. Kang  
 Wisconsin/Madison, Univ. of E. Smalley  
 Wisconsin/Stv. Point, Univ. of C. Lee  
 Yale University G.P. Berlyn

Tropical Forest Management  
and Ecology

Humboldt State University M.S. Sin  
 Illinois, University of S. Brown

Urban Forestry,  
Landscape Architecture (URBN)

Michigan State University J. Kielbaso  
 Purdue University W. Chaney  
 Southern Illinois University P. Roth  
 Stephen F. Austin State Univ. M.V. Bilan  
 Texas A & M University L.M. Reid  
 Wisconsin/Madison, Univ. of E. Smalley  
 Wisconsin/Stv. Point, Univ. of R. Brush  
 Wisconsin/Stv. Point, Univ. of R.W. Miller

Vertebrate Biology

Mississippi State University D.C. Jackson

Watershed Management (WASH)

Arizona, University of M. Fogel  
 Arizona, University of P. Ffolliott  
 Arizona, University of L. Gay  
 Arizona, University of D.P. Guertin  
 Arizona, University of R. Hawkins  
 Arizona, University of J. Klemmedson  
 Arizona, University of V. Lopes  
 California/Berkeley, U. of P. Zinke  
 Colorado State University G. Wallace  
 Duke University D. Richter  
 Georgia, University of W. Nutter  
 Georgia, University of G. Grossman  
 Hawaii, University of El-Swaify, S.  
 Idaho, University of G.H. Belt  
 Louisiana State University S.C. Hu  
 Michigan, University of W. Stapp  
 Minnesota, University of K. Brooks  
 Missouri, University of J. Jones  
 Montana, University of T.J. Nimlos

North Carolina State Univ.	J. Gregory
Northern Arizona University	A. Tiede
New Hampshire, University of	W. Bowden
Purdue University	A. Spacie
State University of New York	A. Eschner
Stephen F. Austin State Univ.	M. Chang
Tennessee, University of	F. Woods
Wisconsin/Stv. Point, Univ. of	N. Spangenberg

Wildlife Disease

Mississippi State University	H. Jacobson
------------------------------	-------------

Wildlife Management (WLMG)

Arizona, University of	P. Krausman
Arizona, University of	W.W. Shaw
California/Berkeley, U. of	R.H Barrett
California/Berkeley, U. of	D. McCullough
Colorado State University	R. Cook
Colorado State University	G. Decker
Connecticut, University of	R. Craig
Cornell University	D.J. Decker
Cornell University	R.J. McNeil
Duke University	L. Maquire
Duke University	J. Terborgh
Georgia, University of	R. Marchinton
Humboldt State University	R. Botzler
Humboldt State University	A. Mossman
Idaho, University of	L. Nelson
Idaho, University of	E. Ables
Louisiana State University	R. Chabreck
Minnesota, University of	J.L.D. Smith
Missouri, University of	E. Fritzell
Mississippi State University	R. Karr
Mississippi State University	H. Jacobson
Montana, University of	R. Ream
Montana, University of	D. Pletscher
Northern Arizona University	D. Patton
New Hampshire, University of	W. Mautz
Southern Illinois University	G. Gaffney
Stephen F. Austin State Univ.	M. Whiting
Stephen F. Austin State Univ.	J. Krolly
Virginia Polytechnic Univ.	R. Giles, Jr.
Virginia Polytechnic Univ.	R. Kirkpatrick
Washington State University	F. Glibert
Washington State University	J. Nelson
Washington State University	C. Robbins
West Virginia University	R. Smith
West Virginia University	D. Samuel
Wisconsin/Stv. Point, Univ. of	J. Passineau
Yale University	S. Kellert
Yale University	S. Beissinger

Windbreaks, Shelterbelts (WIND)

Connecticut, University of	D. Miller
Southern Illinois University	P. Roth

Wood Science

Mississippi State University	F.W. Taylor
Mississippi State University	D. Lym