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POPULATION PLANNING OF DEVELOPING NATIONS

Director: Leslie Corsa, Jr. M.D.

Fifth Annual Technical Report
July 1, 1972 - June 30, 1973

1 October 1973

Department of Population Planning
Center for Population Planning
The University of Michigan
School of Public Health
Ann Arbor, Michigan 48104

297

TABLE OF CONTENTS

	Page
Narrative Summary (B)	1
General Background and Purpose (C.I.)	2
Objectives (C.II.)	2
Accomplishments (C.III.)	2
Population Planning Courses Given 1972-73	5
Population Planning Seminars 1972-73	9
Publications and Papers	10
Impact of Grant in Developing Institutional Capabilities (C.IV.)	11
Utilization (C.V.)	11
Staff Members in Less Developed Countries	11
Graduates in Less Developed Countries	12
Students from Less Developed Countries Majoring in Population Planning Academic Year 1972-73	16
Other Resources for Grant-Related Activities (C.VI.)	19
1973-74 Plan of Work and Anticipated Expenditures (C.VII.)	19
Table II - Expenditure Report (C.IX.)	21

Note: References in parentheses refer to those used in the guidelines.

Narrative Summary

Principal Accomplishments during 1972-73.

Steady progress continued during the fifth year of the grant toward the primary objective of developing specialized competency at The University of Michigan in population planning of less developed countries by (1) increasing staff and other resources of the Department of Population Planning and (2) facilitating participation of other University units. This was the first of two years of transition from 211(d) institutional development to Title X institutional partnership requiring extension of grant number csd-2171 for an additional (sixth) year without additional funds. During these two years the purposes and uses of 211(d) and University Services core support (from grant number csd-3321) overlap so much that annual reports of both should be read and considered together. Total expenditures from csd-2171 for 1972-73 were \$159,492 (12 percent of total Departmental budget), leaving \$143,964 for 1973-74.

Major uses of csd-2171 expenditures charged during 1972-73 were for:

1. Continuation of Dr. Finkle's study of the United Nations system and population assistance.
2. Partial support of Dr. Harrington-Soremekun's new field study on Internal Migration in Nigeria: Implications for Realistic Population Policies.
3. Partial support of Dr. Hoffman's participation in the AID sponsored cross-national study of the value of children.
4. Partial support of Dr. Simmons' field study in India on Organizing for Social Change: The Family Planning Program in Kanpur/Uttar Pradesh.
5. Further development of LDC population interests in biostatistics (Dr. McGuire), economics (Dr. Simmons), education (Drs. Poffenberger and Weiss), psychology (Dr. Hoffman), and social work (Dr. Meyer).
6. Recruitment of a senior faculty member (Dr. Everett Rogers) highly qualified in population affairs in LDC's.
7. Further incorporation of LDC materials and content in population planning courses.
8. Further development of the specialized Population Planning Reference Collection and its linkage with LDC and international institutions.
9. Partial support of 19 students from LDC's or majoring in population planning of LDC's.

Preface

The new annual report format is an excellent one for our final (sixth year) report next year and will be completed in detail for 1973-74 and the total six years period (1968-74) but does not seem appropriate for our report for 1972-73. We are, therefore, using it as the framework but are completing only those parts of immediate relevance for this report.

I. General Background and Purpose.

Since no changes have occurred during the year we will wait until our final six years' report next year to complete this section in detail.

II. Objectives.

Similarly, since no changes occurred during the year, we are not repeating this material but will cover it in detail next year from the six years' perspective.

III. Accomplishments.

Most effort during 1972-73 went into support of faculty whose earlier recruitment was made possible by this grant. One new senior faculty member, Everett Rogers from Michigan State University, was recruited during the year to a joint appointment as Professor of Journalism and Population Planning starting 1 July 1973.

Dr. Jason Finkle continued his research on the United Nations System and Population Assistance. From July 1972 to June 1973 he was in Geneva, Switzerland conducting an in-depth examination of the role of the UN specialized agencies headquartered in Europe - FAO, ILO, UNESCO and WHO. Particular attention was given to WHO's activities in assisting national family planning programs within health services. It is expected that several manuscripts for articles will be prepared in 1973-74 in addition to a book. Additional financial support for the year spent in Geneva was provided by a Rockefeller Foundation grant.

Dr. Judith Harrington-Soremekun was involved in negotiations with the University of Ibadan, Nigeria and AID's Office of Population regarding the development of a research project entitled "Internal Migration in Nigeria:

Implications for Realistic Population Policies". The project was funded under the University Services Agreement (AID/csd-3321) by AID/W for a three year period beginning November 17, 1972. Dr. Harrington-Soremekun was at the University of Ibadan during February and March 1973 to initiate work on the project and to prepare for summer field work.

Dr. George B. Simmons and Dr. Ruth Simmons and other members of the UM team continued work on the Kanpur project. During the period covered by this report, field work and coding in Kanpur were completed (July through September, 1972), data management and additional coding (September through December, 1972) and the initial analysis of data and report writing was carried out between January and June, 1973. Dr. B.D. Misra of the Indian Institute of Technology, the leader of the IIT team and co-project director, was fully engaged in work associated with the project while in Ann Arbor as a visiting professor for the 1972-73 academic year. Another member of the IIT team, Dr. Ali Ashraf, came to Ann Arbor to work as a consultant on the project for six weeks in December, 1972 and January, 1973. Negotiations with AID/W for project renewal proceeded during the year and were completed by the end of the year with approval of additional funding for the period July 1, 1973 through June 30, 1974.

Following consultation with colleagues at the East-West Center, Hawaii, in April 1972, Dr. Lois W. Hoffman developed and submitted to NIH a further proposal to do research on the measure of the value of children as part of an international study partially funded by AID. During the year Dr. Hoffman promoted the establishment of a new division of Population Education within the American Psychological Association. The new division is now established.

Dr. Henry Meyer continued his activities related to the Social Work Education and Population Planning Project funded under AID contract number csd-3313. Three faculty fellows from India, Turkey and Ethiopia were in residence at The University of Michigan during the year, one completing the Master of Social Work degree in the individually-planned study program bridging social work and population planning. A first draft was prepared of a publication that will contain carefully selected and annotated references organized in suitable topics that may be used in whole or in modules for teaching assignments in schools of social work to facilitate instruction in various areas of family and population planning. A draft of a paper entitled "Social

Work Roles and Functions in Population Planning: Some Implications for Social Work Education" was made available for comment and its revision undertaken for inclusion in the volume of topics and annotated references. An evaluation workshop, composed of social workers from eleven developing countries, examined intensively the plan and content of the draft publication of topical outlines and annotated references, offering suggestions to enhance its usefulness and expressing marked support of the type of curriculum and teaching facilitation it represents. The first draft of a mini-text on Community Organization Practice for Family Planning was completed. Recruitment of faculty-fellows through personal contact with schools of social work in the Philippines and through recommendations of LASSW staff and in other ways was pursued for academic year 1973-74.

The Department of Population Planning's Reference Collection continued to play an important role in supporting teaching and research programs by providing library and information services not available from other campus libraries and expanding inputs from the Department to libraries in similar institutions in LDC's.

POPULATION PLANNING COURSES GIVEN 1972-73

- P.P.500 Elements of Population Planning (3 credit hours - Winter Term II)
Weiss and Harrington-Soremekun

Survey of the field of population planning for non-majors. An overview of the causes and effects of world population growth and the methods and programs designed to deal with the problem.

- P.P.600 Foundations of Population Planning (3 credit hours - Fall Term I)
Takeshita (coordinator), Corsa, Kar, Oakley

This course aims to analyze and review major theoretical and practical issues relevant to the field of population planning. It provides a background in three selected areas: planning and administration, communication and education, and research and evaluation.

- P.P.610 Human Reproductive Biology (3 credit hours - Fall Term I)
Behrman and Eliot

Detailed survey of current knowledge in the physiology of human reproduction, clinical and technologic aspects of contraception, infertility, induced abortion, fetal mortality, genetics and pertinent research developments.

- P.P.620 Administrative Factors in Population Planning (3 credit hours - Winter Term II)
Munson et. al

Consideration of basic concepts in organizational behavior and administration; relation of these concepts to empirical practices and problems of population planning programs on a cross national basis. Emphasis on role of the family planning administrator functioning within a complex organizational environment and major administrative issues involved in this role. Consideration given to policy formulation, organizational structure, and problems of family planning management. Designed for students in the program for population planning.

- P.P.630 Communications in Population Planning (3 credit hours - Winter Term II)
Poffenberger

The study of fertility and contraceptive behavior and attitudes with an emphasis on understanding how these can be affected by educational and communications interventions. A number of the determinants of fertility and contraceptive practice, such as belief systems, the family, and sex roles will be examined. In addition, theory and methods of interpersonal and mass communications, education, and training in family planning programs will be discussed.

- P.P.640 Methods of Evaluation and Research in Population Planning (3 credit hours-
Winter Term II)
Takeshita, McGuire, Bond

An introduction to research methodology and a survey of evaluation techniques in the field of population planning. Emphasis on collection, organization, analysis, and interpretation of relevant data for meaningful program evaluation. A basic course in statistics is a prerequisite.

- P.P.641 Computer Applications in Population Planning (4 credit hours - Spring -
Summer Term III)
Bond, Takeshita, McGuire

Development of proficiency in the use of computers; applications in Population Planning; individual research projects in population and family planning research and evaluation.

- P.P.645 Proseminar in Population Planning (2-6 credit hours - Terms III and IIIb)
Takeshita, Weiss

Investigation of a selected problem planned and carried out by each student. Seminars held for group discussion of current progress of individual investigations. Final written report required.

- P.P.690 Topics in Population Planning (2-4 credit hours - Terms I,II,IIIa and IIIb)
Staff

Fall Term I - Section 1 (3 credit hours)

The Economics of Family Planning Program Evaluation
Simmons

The proposed course will deal in detail with the economics of family planning programs. Topics covered will include the use of economic demographic models to study such family planning programs, cost benefit analysis of such programs, the question of causal inference concerning such programs, and the economics of making decisions within the context of family planning programs.

Fall Term I - Section 2, Winter Term II, and Spring Half Term IIIa.
(3 credit hours)

The Kanpur Seminar
Misra, Simmons, G., Simmons, R.

One of the major research projects undertaken by the staff of the Department of Population Planning during the past two years has been the Kanpur Project, a study of the operation of the Indian Family Planning Program in the region around Kanpur in Northern India. The project's sub-components include studies of organization, work practices, and motivation. The course will be a seminar structured around the research methods and the theoretical framework used and the substantive findings generated from this project. The seminar might be of interest to advance students who are interested in research about on-going programs.

Summer Half Term IIIb - Section 1 (2-4 credit hours)

Counseling in Human Sexuality and Family Planning
Weiss, Eliot

The course is designed to enable counselors, and family planning and other health professionals who work with schools to provide, through educational and counseling processes, assistance to young persons in achieving (1) an understanding of their own sexuality, (2) a meaningful preparation for socially responsible sexual relationships and marriage, and (3) the planning of children and the prevention of unwanted pregnancies and venereal disease. Includes field experience in counseling settings.

Summer Half Term IIIb - Section 2 (2-3 credit hours)

Population Education
Weiss

The course will provide a conceptual and philosophical understanding of the emerging field of population education and will prepare teachers and other professionals to develop and carry out population education activities. Attention will be given to the behavioral science and educational concepts and issues relevant to the teaching of population dynamics and policies.

P.P.700 Field Experience in Population Planning (2-12 credit hours)
Terms I, II, III, IIIa and IIIb.
Staff

Individual or small group arrangements for specialized field experience.

P.P.810 Readings in Population Planning (1-3 credit hours)
Terms I, II, III, IIIa and IIIb.
Staff

Review of literature on assigned subjects. Final written report required on each subject.

Term IIa - Spring Half

Dr. Franz Rosa offered a 1 credit hour readings course, International Health Approach to World Population Problems.

Term IIIb - Summer Half

Dr. Everett Rogers offered a 1-3 credit hour readings course in Communications and Family Planning.

P.P.900 Research in Population Planning (2-6 credit hours), Terms I, II, and III
Staff

Original investigation in population planning open only to advanced students by special permission.

P.P.999 Doctoral Thesis (2-8 credit hours - Terms I, II, III and IIIb)
Staff

P.H.500-1 Public Health (Population Planning inputs)
Oakley (coordinator), Corsa, Kar, Takeshita, Weiss

One lecture and two case studies on population trends and growth were presented. The case studies were titled: (1) Population Stabilization in the United States; (2) Fertility Decisions.

POPULATION PLANNING SEMINARS 1972-73

September 19	Economic Consequences of Population Growth	George Simmons
September 26	The Organization of Family Planning Services in the Detroit Area -- Emphasizing the Role of Southeast Michigan Family Planning Project, Inc.	Fred Munson
October 3	Family Planning at the Grass Roots Level in China	Dr. Peter Chen Wayne State University
October 10	The Legal Situation of Abortion in Michigan Past, Present, and Future	Shirley Burgoyne
October 24	What are we Trying to do in Population Education?	Eugene Weiss
October 31	Evaluation of Malaysia's National Family Planning Program	Tan Boon Ann
November 28	Educational Materials Demonstration	Ortho Pharmaceuticals
December 5	Video-tape replay of the TV report by the Commission on Population Growth and the American Future.	
January 30	Student-Faculty seminar on Professional Training for work in domestic family planning programs.	Eugene Weiss
February 13	Adoption and Foster Care in Michigan: Studies on the Plight of the hard-to-place child in Michigan	Joyce Forsythe, Council on Adoptable Children
February 20	What does one do with an MPH in Population Planning? -- Two Examples	David Wallace, Oakland County Health Dept.; Neva Wallace, Washtenaw County Health Dept.
February 27	Implementation of Abortion Referral -- Upper New York State Experience	Janet Obeid, Director, Family Planning and Pregnancy Info., Inc.
March 13	Voluntary Childlessness	Jean Veevers Univ. of Western Ontario
March 20	Family Planning in Malaysia	Dr. J.Y. Peng
March 27	Sex Education Program	Unitarian Universalist Association
April 3	Laparoscope Sterilization Camp: Preliminary Report from Nepal	Thomas Poffenberger
April 17	Growth Policy: Population, Environment, and Beyond.	Drannon Buskirk Prof. Kan Chen Prof. Karl Lagler

PUBLICATIONS AND PAPERS
(annex to III. Accomplishments)

Publications (2 copies of each enclosed with the report)

Finkle, Jason L.

"The Political Environment of Population Control in India and Pakistan", Chapter 6 in Political Science in Population Studies.

Poffenberger, Thomas

"The Social Psychology of Fertility Behavior in a Village in India", Chapter in Psychological Perspectives on Population.

Papers

Harrington-Soremekun, Judith A.

"Differentials and Trends in Infant and Childhood Survivorship in Ghana, Upper Volta and Niger".

"Infant and Childhood Survivorship in West Africa".

Simmons, George B.

"Economic Determinants, Consequences and Policy Implications of Voluntary Sterilization".

"The Economics of Voluntary Sterilization for the Parent and for the Nation".

IV. Impact of Grant in Developing Institutional Capabilities

The specific impacts during 1972-73 have already been covered in the above section on accomplishments. Prior impacts have been covered in our last four annual reports. More important will be our six year detailed summary of impact in our final report next year.

V. Utilization

We have not attempted to repeat here from earlier annual reports all contributions in population planning that the University of Michigan has made to developmental activities and programs in less developed countries during the period of the grant. This we will include in detail in our final report next year. Lists of staff members in Less Developed Countries, Graduates in Less Developed Countries, and Students from Less Developed Countries Majoring in Population Planning during the academic year 1972-73 follow.

STAFF MEMBERS IN LESS DEVELOPED COUNTRIES

<u>Name</u>	<u>Current Position and Address</u>
Fields, James	Research and Evaluation Specialist AID/UM Family Planning Project in Nepal Kathmandu (ID), Department of State, Washington, D.C. 20523
Johnson, Richard	Field Operations Specialist AID/UM Family Planning Project in Nepal Kathmandu (ID), Department of State, Washington, D.C. 20523
Miller, Robert	Training Specialist AID/UM Family Planning Project in Nepal Kathmandu (ID), Department of State, Washington, D.C. 20523
Young, Jerald	Field Operations Specialist AID/UM Family Planning Project in Nepal Kathmandu (ID), Department of State Washington, D.C. 20523

GRADUATES IN LESS DEVELOPED COUNTRIES

<u>Name</u>	<u>Program/ Degree</u>	<u>Date</u>	<u>Current Position and Address</u>
Adeniran, Abiola F.	MPH	12/72	Medical Registrar, Lagos State Government, Ministry of Health, Yakubu Gowon Street, Lagos, Nigeria
Agarwal, J.S.	MPH	8/72	District Health Officer, District Panchayat, Bulsar, Gujarat, India
Akhter, Nargis	MPH	12/69	National Post-Partum Program, Ministry of Health & Family Planning, Dacca, Bangladesh
Bakhshi, Surinderjit	MPH	8/71	Medical Officer, Maternal & Child Health Dept., P.O. Box 23, Chipata, Eastern Province Zambia
Bang, Sook	Dr.PH	8/68	Chief, Fertility & Family Planning Section, Population Division, ECAFE, c/o R.S. Hotel, Larn Luang Road, Bangkok, Thailand
Begum, Razia	MPH	8/68	Family Planning Training & Research Institute, Rajshahi, Bangladesh
Bhatnagar, N.K.	M.S.	8/71	Statistical Officer, Dept. of Family Planning, B-18/352, Lodi Colony, New Delhi-3, India
Cabrera, Rene	MPH	8/70	Director of Education & Information, Chilean Family Planning Association, Barcelona 2018, Apt. #105, Providencia, Santiago, Chile
Calvo, Carlos	MPH	8/73	Medical Doctor, Universidad Mayor de San Andres, Facultad de Medicina Facultad de Farmacia y Bioquimica, La Paz, Bolivia
Cernik, Marvin	M.S.	8/69	Acting Chief, Population/Family Planning Division, AID, Kabul, Afghanistan
Dey, Usha	MPH	8/68	Department of Health, Government of West Bengal, Calcutta, India
Engdasaw, Abebe	MPH	4/73	Health Education Dept., Ministry of Health, P.O. Box 1234, Addis Ababa, Ethiopia
Gillespie, Robert	MPH	8/68	Population Council, P.O. Box 11-1758, Tehran, Iran
Gonzales-Cerrutti, Ramon	MPH	8/71	Chief, Research and Evaluation, Venezuelan Family Planning Association, Apartado 61212, Chacao, Caracas, Venezuela
Hamilton, Dalton Mario	M.S. Spec.	4/73 6/68	Estudio Sobre Salud y Educacion Medica, Combate de Los Pozos, 2133, Buenos Aires, Argentina

<u>Name</u>	<u>Program/ Degree</u>	<u>Date</u>	<u>Current Position and Address</u>
Harper, Alameda	MPH	4/69	Associate Director, Peace Corps Liberia, United Nations Drive, Box 707, Monrovia, Liberia
Hew, Wai Sin	Spec.	8/71	Assistant Planning Officer, National Family Planning Board, Box 416, Kuala Lumpur, Malaysia
House(Sullivan), Betsey	MPH	12/71	c/o The Population Council, 245 Park Avenue, New York, NY
Jabeen, Azra	MPH	8/68	Family Planning Counselor, 4 Chatterjee Road, Lahore, Pakistan
Joshi, Puspa	Spec.	8/70	Family Planning Evaluation Officer, Ministry of Health, Kathmandu, Nepal
Kar, Rabindra	MPH	8/67	Department of Health, Government of West Bengal, Calcutta, India
Khoo, Chiam Kim	Spec.	8/68	Acting Deputy Director, Dept. of Statistics, Ministry of Health, 53 B. Lim Liak Street, Singapore 3
Kim, Young-Key	M.S.	12/71	Research Officer, Research & Evaluation Div., Korean Institute for Family Planning #San-5 Norbundong, Sudaemunku, Seoul, Korea
Lam, Peggy	Spec.	4/71	Executive Secretary, The Family Planning Assn., Hong Kong, 152 Hennessy Rd., Hong Kong, B.C.C.
Lee, In-Shik	Spec.	12/72	Director, Songdong Ku Health Center, Seoul, Korea
Leea, J.A.	Spec.	6/68	Yonsei University College of Medicine, Seoul, Korea
Loh, Sow Khin	MPH	8/70	State Medical Officer, National Family Planning Board, Box 416, Kuala Lumpur, Malaysia
Manandhar, Ratna	MPH	12/72	Medical Officer, Nepal MCH & Family Planning Project, Bahadur Bhawan, Kathmandu, Nepal
McDaniel, Edwin	Spec.	4/71	Head, Dept. Ob./Gyn. & Family Planning, Supervisor, McCormick Hospital Chiangmai, Thailand
Mekuria, Bellege	MPH	4/73	Ministry of Public Health, Addis Ababa, Ethiopia
Mubarek, Azra	MPH	8/69	Deputy Director, National Post Partum Project, 42-Q, Block 6, P.E.C.H.S., Karachi, Pakistan
Naeem, Jamila	MPH	8/70	Deputy Director, Demography Training, Research Evaluation Center, 279-A Muslim Town, Lahore, Pakistan

<u>Name</u>	<u>Program/ Degree</u>	<u>Date</u>	<u>Current Position and Address</u>
Osei-Boateng, Margaret	MPH	12/68	Tutor (Nursing), Nursing Dept., University of Ghana, Legon, Ghana
Palan, V.T.	Spec.	12/69	Senior Statistician, Dept. of Statistics, Jalan Young, Kuala Lumpur, Malaysia
Peterson, Robert	MPH	12/71	University of Michigan Overseas Population Intern, c/o IPPF, P.O. Box 30234, Nairobi, Kenya
Pitaktepsombati, Pichit	Spec.	4/72	Research Assoc., The Institute of Population Studies, Chulalongkorn Univ., Bangkok 5, Thailand
Pongtuluran, Aristarchus	MPH	12/72	Medical Officer, Office of Ministry of Education & Culture of East Java, Jalan Gentengkali 33, Surabaya, Indonesia
Pradervand, Pierre	Spec.	8/71	Service Quaker 39, Rue Mohamed V, B.P. 97, Dakar, Senegal, Africa
Rabel, R.	MPH	8/66	Family Planning Officer, Ministry of Health, Colombo, Ceylon
Ramamoorthy, Krishnamoorthy	Spec.	4/71	Municipal Commissioner, Surat Munic Corp., Surat Gujarat, India
Ray, Meera	MPH	8/67	Department of Health, Government of West Bengal, Calcutta, India
Romeo, Pearl	MPH	12/67	Medical Director, Family Planning Association of Liberia, P.O. Box 938, 56 Broad Street, Monrovia, Liberia
Rutstein, Shea	Ph.D.	5/71	University of Michigan Overseas Population Intern, CISM, Edif. Ministerio de Trabajo, Lima, Peru
Santee, Barbara	MPH	8/71	University of Michigan Overseas Population Intern, c/o CELADE, Jose Manuel Infante 9, Santiago, Chile
Sathivathy, N.	MPH	8/69	Assoc. Prof. of Ob. & Gyn., Family Planning Unit, Medical College Hospital, Calicut-1, Kerala, India
Sebina, David	MPH	8/70	Director of Medical Services, Ministry of Health, Private Bag 38, Gaborne, Republic of Botswana
Siddiqi, Khalil	Spec.	8/67	Chief Statistical Officer, Pakistan Family Planning Council, Islamabad, Pakistan
Singh, Krishna	Spec.	12/70	Maternal & Child Health & Family Planning Board, Kathmandu, Nepal

<u>Name</u>	<u>Program Degree</u>	<u>Date</u>	<u>Current Position and Address</u>
Subbiah, M.	MPH	8/69	Director, Service Division, National Family Planning Board, Box 416, Kuala Lumpur, Malaysia
Tan, Boon-Ann	MS	12/69	Director, Evaluation Division, National Family Planning Board, Box 416, Kuala Lumpur Malaysia
Tawat, Sukontapatipark	MPH	4/72	The National Family Planning Project, Ministry of Public Health, Bangkok 2, Thailand
Thomas, Stephen	MPH	8/70	USAID, Afghanistan, Dept. of State, Washington, D.C. 20521
Trivitya, Temahivong	MPH	4/72	Head of First Health Center Phattalung, Thailand
Tuladhar, Jayanti	MS	12/72	Asst. Evaluation Officer, Nepal Family Planning & MCH Project, Research & Evaluation Division, Bahadur Bhawan, Kathmandu, Nepal
Verly, Adeline	MPH	12/72	Gynecologue Accoucheur ala Maternite, ISAIE - Jeanty (Chancerelles), c/o 134 Bourdon, P.O. Box 325, Port-au-Prince, Haiti (W.I.)
Villadiego, Francisco	MPH	4/67	Department de Medicina Preventiva Y Social Facultad de Medicina, Universidad del Valle, Cali, Colombia
Wright, Nicholas	MPH	8/67	Population Council, P.O. Box 2-75, Bangkok, Thailand
Yunes, Joao	MPH	12/67	Faculdade de Higiene E, Universidade de Sao Paulo, Caixa Postal 8099, Sao Paulo, Brazil

STUDENTS FROM LESS DEVELOPED COUNTRIES
MAJORING IN POPULATION PLANNING ACADEMIC YEAR 1972-73

<u>Name and prior Highest Degree</u>	<u>Home City and Prior Employment</u>	<u>Fellow- ship Support*</u>	<u>Date Entered</u>	<u>Program of study (Date if completed during year)</u>
I. DOCTORAL PROGRAM				
Dae Woo Han M.D. Kyungpuk Medical College	Seoul, Korea Chief, Family Planning Section, Ministry of Health and Social Affairs, Republic of Korea	PC	Aug. 1971	Dr. P.H.
Aziza Rashad M.A. Occidental College	Cairo, UAR Senior Research Asst., Social Research Center, The American University in Cairo	DPP	Jan. 1971	Dr. P.H.
II. MASTERS PROGRAM				
Abiola Adeniran MRCS LRCP University of London	Lagos, Nigeria Medical Officer of Ob. & Gyn., Lagos State Government	FF	Aug. 1971	Dec. 1972 M.P.H.
Carlos Calvo M.D. Universidad Mayor De San Andres	La Paz, Bolivia Asst. Professor, Preventive Medicine Dept., School of Medicine, Univ. Mayor de San Andres, La Paz, Bolivia	LASPAU	Aug. 1972	Aug. 1973 M.P.H.
Jinyoung Chung M.S.W. University of Michigan	Seoul, Korea Lecturer, Seoul Women's College, Seoul, Korea	DPP	Aug. 1972	Dec. 1973 M.P.H.
Abebe Engdasaw B. Sc. Haile Selassie I Univ.	Addis Ababa, Ethiopia Deputy Officer, Public Health Section, Gov't. of Ethiopia	AID	Aug. 1972	May 1973 M.P.H.
Dalton Mario Hamilton M.D. University of Buenos Aires	Buenos Aires, Argentina Associate Director Estudio Sobre Salud Educ. Med., Buenos Aires, Argentina	DPP	Jan. 1973	May 1973 M.S.

<u>Name and Prior Highest Degree</u>	<u>Home City and Prior Employment</u>	<u>Fellowship Support*</u>	<u>Date Entered</u>	<u>Program of study (Date if completed during year)</u>
Ratna Manandhar M.B., B.S. Gandhi Medical College	Kathmandu, Nepal Medical Officer Dept. of Health Government of Nepal	AID	Aug. 1971	Dec. 1972 M.P.H.
Bellege Mekuria B.S. Haile Selassie I Univ.	Addis Ababa, Ethiopia Senior Health Officer, Erer Major Health Center, Ethiopia	AID	Aug. 1972	May 1973 M.P.H.
Aristarchus Pongtuluran M.D. Airlangga University	East Java, Indonesia Medical Doctor Office of Basic Ed., Provincial Office of Basic Ed., East Java Gentsngkali 33, Sarabaja	AID	Aug. 1971	Dec. 1972 M.P.H.
Jayanti Tuladhar M.S. Tribhuvan University	Kathmandu, Nepal Assistant Evaluation Officer, FP & MCH Project Government of Nepal	AID	Aug. 1971	Dec. 1972 M.S.
Adeline Verly M.D. Universite d'Etat	Port-au-Prince, Haiti Medical Officer, Government of Haiti	WHO	Aug. 1971	Dec. 1972 M.P.H.

III. SPECIAL PROGRAMS

Inshik Lee M.D. Yonsei University	Seoul, Korea Director, Songdong Ku Health Center Seoul, Korea	AID	Aug. 1972	Dec. 1972 Spec.
Prasanta Majumdar M.Sc. University of Utkal	Kanpur, India Research Associate Family Planning Project, IIT, Kanpur, India	DPP	Jan. 1973	-Spec.
Basantalata Pattnaik M.A. Utkal University	Orissa, India Headmistress, Unit I Gov't. Girls High School Orissa, India	WHO	July 1973	Spec.
Tsedal Selassie B.S.W. Haile Selassie I Univ.	Addis Ababa, Ethiopia Superintendent Aware Community Center Social Service Society, Ethiopia	AID	Jan. 1973	Spec.

<u>Name and Prior Highest Degree</u>	<u>Home City and Prior Employment</u>	<u>Fellowship Support*</u>	<u>Date Entered</u>	<u>Program of study (Date if completed during year)</u>
IV. STUDENTS July 1 - Aug. 31, 1972 only				
J.S. Agarwal M.B., B.S. S.M.S. Medical College	Bulsar, India District Health & F.P. Medical Officer, Public Health Department, Government of Gujarat	PC	Aug. 1971	Aug. 1972 M.P.H.
Rosita Elevazo B.S.E. University of Pangasinan	Paranaque, Phillipines Officer-in-Charge Publications Office, Phil. Wesleyan College, Phillipines	AID	July 1972	Aug. 1972 Spec.

***Key to Fellowship Support:**

- AID - Agency for International Development
- DPP - Department of Population Planning
- FF - Ford Foundation
- LASPAU - The Latin American Scholarship Program of American Universities
- PC - Population Council
- WHO - World Health Organization

VI. Other Resources for Grant-Related Activities.

We are unable with any precision to estimate the total resources of the University of Michigan used during 1972-73 in activities related to population problems and programs of less developed countries. We will try to do this by means of an internal survey next year for each of the six years of the grant.

The 1972-73 expenditures from grant csd-2171 were 12 percent of the total expenditures (\$1,323,460 subject to minor accounting revisions) of the Department of Population Planning, most of which are specifically involving population planning in less developed countries and all of which are highly relevant. Known activities directly related to population matters of less developed countries in anthropology, economics, education, geography, journalism, reproductive biology, social work, sociology and psychology are estimated to have involved expenditures of at least an additional million dollars during the year.

VII. 1973-74 Plan of Work and Anticipated Expenditures.

During 1973-74 we will be completing transition from 211(d) institutional development to Title X institutional partnership (terminating grant csd-2171 on 30 June 1974 and maintaining and utilizing the specialized competencies developed at Michigan under it through extension and modification of our University Service Agreement grant csd-3321 currently being amended for that purpose). Thus for 1973-74 as for 1972-73 the purposes and uses of the two grants are best treated functionally as one and the 1973-74 Plan of Work and Anticipated Expenditures for csd-3321 should be considered at the same time.

Our anticipated expenditures as shown in Table II are \$155,334 spent almost exclusively for faculty salaries, the primary need for the additional (sixth) year's extension, as indicated in our letters of 30 October 1972 and 27 February 1973 requesting extension. The specific individuals and specific activities supported by the grant during 1973-74 will be almost identical with those during 1972-73 as reported in the body of this report. Their work will be a continuation of the specific activities in which they were engaged in 1972-73.

We have already begun preparation of a final report of our entire six years' experience with the grant which we will submit by 1 October 1974. This will document fully the essential and valuable contributions grant csd-2171 made to the significant developments of those years at the University of Michigan in teaching, research and service capabilities in population planning of less developed countries. It will also document the unique and effective administrative and financial improvements in AID-University relationships embodied in this and related grants for which AID deserves much praise and which contributed greatly to the significant progress and productivity at Michigan in population planning during the years of the grant.

IX.

Table II
Expenditure Report
(Actual and Projected)
Under Institutional Grant # AID/csd-2171
Review Period July 1, 1972 to June 30, 1973

	<u>Expenditures to Date</u>		<u>Projected Expenditures</u>	
	<u>Period Under Review</u>	<u>Cumulative Totals</u>	<u>Year 6</u>	<u>TOTAL</u>
Salaries	\$ 94,441	\$ 744,146	\$ 143,964	\$ 888,110
Travel & Subsistence	9,065	66,067	---	66,067
Materials, Supplies & Services	14,140	69,916	---	69,916
Student Fellowships	30,574	118,623	---	118,623
Other Direct Cost	11,272	107,284	---	107,284
TOTALS:	\$ 159,492	\$ 1,106,036	\$ 143,964	\$ 1,250,000

NOTE: Because of an error in the University's accounting system, expenditures for 1971-72 were incorrectly reported as \$310,839. Correct total expenditures in 1971-72 is \$353,683. The difference between the previously incorrectly reported amount of \$310,839 and the correct amount of \$353,683 is \$42,844 (Salaries \$18,986; Travel & Subsistence \$7,793; Materials, Supplies, & Services \$1,790; Student Fellowships \$5,856; and Other Direct Costs \$8,419.)

Expenditures from FY 69 through FY 73 are as follows:

68-69	\$ 111,430
69-70	202,458
70-71	278,973
71-72	353,683
72-73	159,492
TOTAL:	\$ 1,106,036