

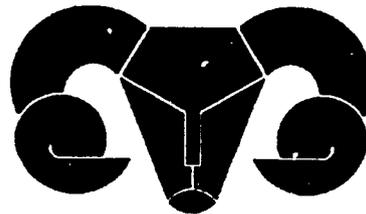
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Small Ruminant Collaborative Research Support Program

TRAINING REPORT

1978-1994



United States Agency for International Development

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Executive Summary

One of the most vital aspects of the SR-CRSP is the training of United States citizens and of citizens of countries in which the program operates. From 1978 to 1994, more than 400 men and women participated in SR-CRSP-supported formal degree programs, workshops, seminars, and professional meetings. During these years, approximately 58% of those in degree programs were from the United States; approximately 42% were from the developing world. Approximately 71% of degree program participants were male; 29% were female. Under SR-CRSP and institutional sponsorship, the Ph.D. degree was awarded to approximately 28% of students enrolled in institutions of higher learning, while approximately 64% received the M.S. or equivalent degree. A smaller percentage completed studies for B.V.M./D.V.M. degrees and B.S./B.A. degrees. Among the major disciplines represented by the degrees were breeding and genetics (19%), range management (20%), nutrition (16%), and economics (13%). Smaller percentages of students completed course work and research in animal health, sociology, reproduction, and production systems.

The worldwide impacts of these training programs are reflected in the positions which degree awardees have assumed and the honors which they have received. Egerton University (Kenya), Brigham Young University, the University of Zimbabwe, the University of California-Davis, Hassan II Institute (Morocco), Washington State University, and Michigan State University, among others, have hired SR-CRSP trained men and women on their faculties. Former SR-CRSP trainees include an NSF Postdoctoral Fellow; research scientists in U.S. and developing country institutions; cooperative extension agents; range managers; pharmaceutical company directors; and private consultants. As this worldwide network of SR-CRSP-supported scientists has developed, the influence and importance of small ruminant research has gained increasing recognition and has contributed significantly to the democratization and well-being of society.

Introduction

The *Guidelines for the Collaborative Research Support Program* provides for accommodation of training needs through graduate degree programs, research assistantships and workshops for participants in both the United States and prime countries in which the CRSP operates (1). This component of training is a reflection of the long-standing tradition of American universities to involve graduate students in meaningful roles in connection with programs of research and study. The *Guidelines* specifically provides that CRSP funds, as well as U.S. institution funds, may be used for support of host country and U.S. students, as well as for "other junior U.S. scientists" on research necessary for implementation of problem-solving activities (1). Such funding and research involvement strive to ensure that graduate students and associated research personnel at U.S. institutions and at overseas sites have active and meaningful roles in projects directed toward the fulfillment of CRSP goals. One major outcome of a training system such as this is the introduction of CRSP-supported U.S. students and associated personnel to the international scope of research and the possibilities of work in an international setting in a professional career.

The Small Ruminant CRSP has made a concerted effort throughout its lifetime to train young people from both the U.S. and host countries in research leading to advanced degrees. Be-

tween 1978 and 1994 more than 400 students were involved in degree-granting programs. Of these, approximately 58% came from the United States; approximately 43% came from countries in which the Small Ruminant CRSP was actively carrying out research programs or from other countries in which there was a particular interest in research on small ruminants (Fig. 1).

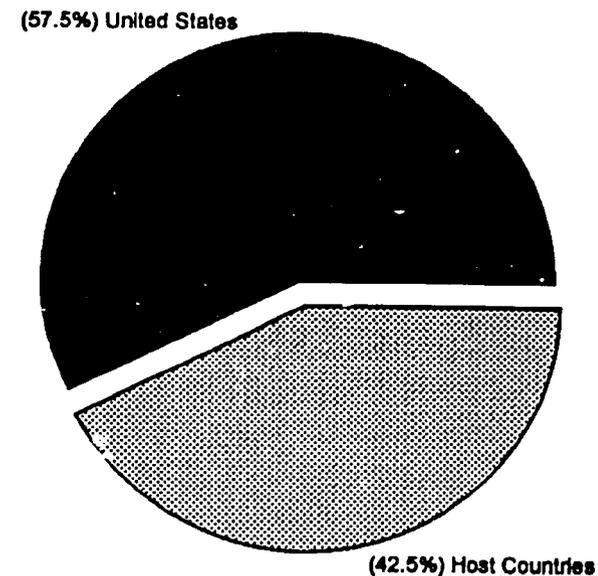


Figure 1. Percentages of SR-CRSP Students from the United States and Host Countries, 1978-1994.

The Small Ruminant CRSP has encouraged student training at both U.S. institutions and host country institutions, as appropriate, for coursework and research activities. Thus some students from host countries have undertaken coursework at U.S. institutions and research in their countries (and vice-versa), and some U.S. students have carried out research in host countries with coursework taken at U.S. institutions. It is important to realize that both U.S. and host country institutions have made major contributions to student training in both a financial and a programmatic sense throughout the life of the Small Ruminant CRSP.

The training of women has been a high priority of the Small Ruminant CRSP, and the recruitment of women has been viewed as a particularly important consideration in light of women's important roles in small ruminant care and research throughout the world. Over the past 15 years, approximately 29% of the student trainees in the Small Ruminant CRSP were women; approximately 71% were men (Fig. 2). These students were involved in small ruminant-related programs in the biological, social and economical sciences.

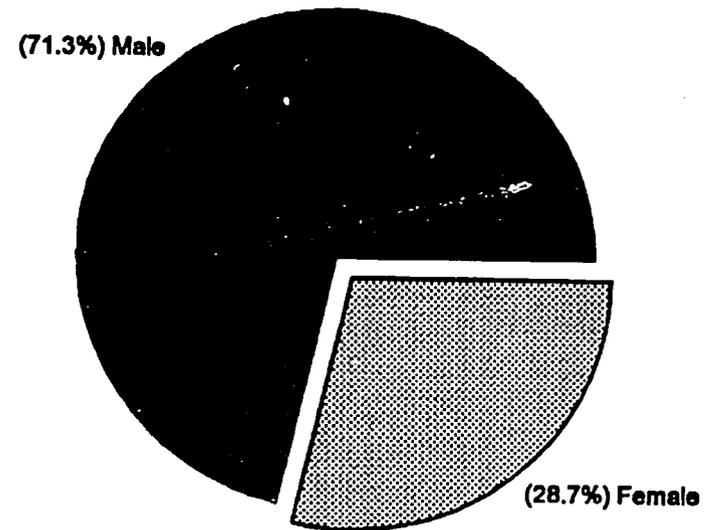


Figure 2. Percentages of SR-CRSP Students from the United States and Host Countries by Gender, 1978-1994.

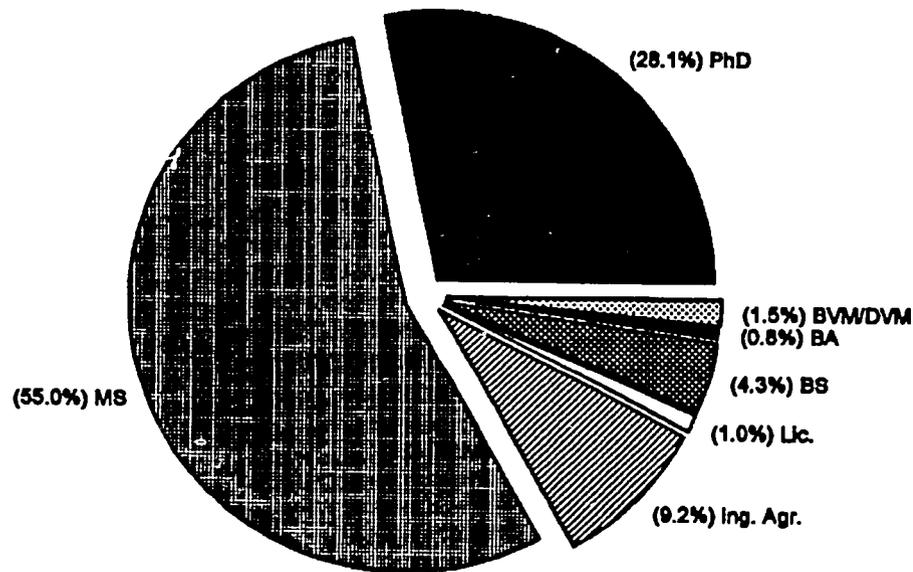


Figure 3. Percentages of SR-CRSP Students Receiving Undergraduate and Advanced Degrees, 1978-1994.

From 1978 to 1994, more than 400 students received a variety of degrees through associations with the Small Ruminant CRSP. The largest percentage of these received Master's degrees (55%); approximately 28% received the Ph.D. (Fig. 3). Smaller percentages in both the U.S. and in host countries received bachelor's degrees (B.A. or B.S.), degrees in veterinary medicine (B.V.M. or D.V.M.), or degrees unique to the host country institution (Lic. and Ing. Agr.).

The major disciplines represented in the Small Ruminant CRSP have included animal breeding and genetics, nutrition, range management, economics, animal reproduction, sociology, production systems and animal health. Over the lifetime of the Small Ruminant CRSP, the largest percentage of students has been trained in range management (approximately 20%) with nearly equal percentages in animal breeding and genetics, with a concentration on small ruminants (19%), and in nutrition, with emphasis on small ruminants (19% and 18%, respectively). Economics and animal health (approximately 13% for both) have attracted other students; lesser numbers have concentrated in the areas of sociology and production systems (Fig. 4). The diversity of training offered to students through degree programs with SR-CRSP and institutional sponsorship has encouraged broad-based enrollment and potentially has offered students a wide range of opportunities for fulfilling professional careers in international work.

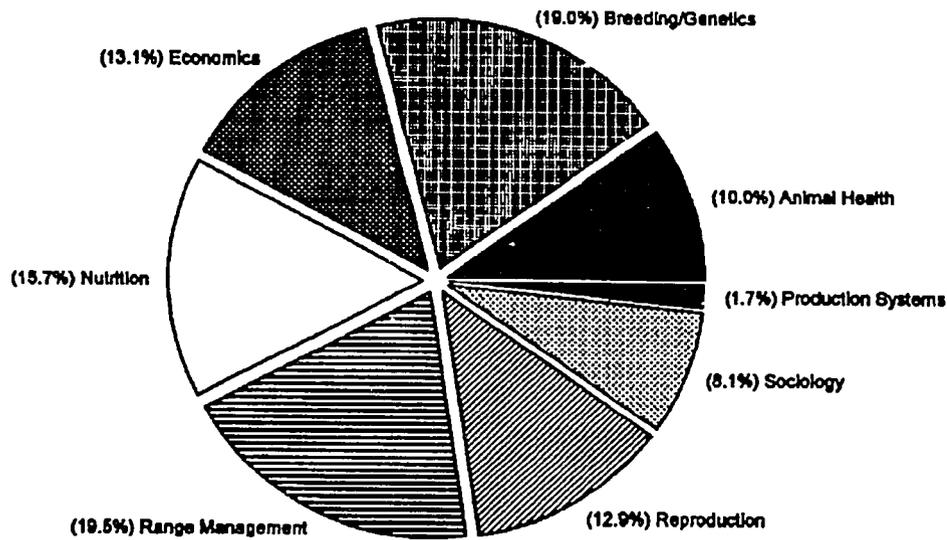


Figure 4. Percentages of SR-CRSP Degree-Recipients by Discipline, 1978-1994.

In addition to formal degree training, the Small Ruminant CRSP has recognized since its inception the importance of non-degree training and continuing education. These sorts of activities are appreciated as being particularly significant in relation to Small Ruminant CRSP goals of sustainable agricultural development and transfer of technology. Through conferences, workshops, short courses and similar focused activities, the Small Ruminant CRSP

has provided a wide range of host country and U.S. people with interests in small ruminants with introductions of new skills; updating of techniques; and opportunities of networking. Through special seminars and guest lectures, Principal Investigators and others associated with the Small Ruminant CRSP have reached a wide audience with information on contemporary issues related to small ruminant research. Funding for such activities has come through both U.S. and host country institutions, private sources and the Small Ruminant CRSP.

Both the degree and non-degree men and women involved in the Small Ruminant CRSP programs provide the foundation for continued small ruminant research and training throughout the world. Some of those who have participated in Small Ruminant CRSP training activities have assumed leadership positions on faculties of U.S. and of host country institutions. Others are involved in extension activities, private foundations, government organizations, research companies, farming operations and many other activities related to small ruminants. Thus the Small Ruminant CRSP, during the course of its 15-year operation, has effectively woven its research and training programs into the fabric of U.S., host country and other developing country activities in meaningful and sustainable ways.

(1) *Guidelines for Collaborative Research Support Programs Under Title XII, 1985.*

U.S. Institutions Awarding Degrees with SR-CRSP Support

Name	Citizenship	Gender	Degree	Discipline	Supporting Institution & CRSP Program	Training Duration
Abdinasir , Abdulle	Somalia	M	PhD	Economics	Utah State University <i>Range Management</i>	1/1991 - 1/1994
Aboud , Abdillahi	Kenya	M	MS	Rural Sociology	University of Missouri-Columbia <i>Sociology</i>	9/1979 - 3/1982
Abuhadba , Martha	Peru	F	MS	Rural Sociology	University of Missouri-Columbia <i>Sociology</i>	9/1987 - 5/1990
Adegoke , Adewald	Nigeria	M	MS	Reproduction	Calif. Polytech. State University <i>Reproduction</i>	9/1981 - 6/1984
Aguirre-Terrazas , Lucretia	Peru	F	MS	Range Science	Texas Tech University <i>Animal Health</i>	12/1983 -
Ahuya , C.	Kenya	M	BS	Animal Science	Texas A&M University <i>Breeding</i>	1/1984 - 5/1985
Ahuya , C.	Kenya	M	MS	Animal Science	Texas A&M University <i>Breeding</i>	6/1985 - 1/1987
Aitboulahsen , Ahmed	Morocco	M	PhD	Nutrition	North Carolina State University <i>Nutrition</i>	1/1986 - 2/1990
Ali Musa , Osheik	Sudan	M	PhD	Pathology	Colorado State University <i>Animal Health</i>	9/1983 - 12/1984
Alves , Francisco	Brazil	M	MS	Pathology	University of California, Davis <i>Animal Health</i>	5/1985 - 5/1988

Name	Citizenship	Gender	Degree	Discipline	Supporting Institution & CRSP Program	Training Duration
Alzerreca , Humberto	Bolivia	M	PhD	Range Science	Utah State University <i>Range Management</i>	10/1992 - 9/1995
Anderson , Val	US	M	MS	Range Management	Utah State University <i>Range Management</i>	6/1982 - 5/1985
Arevelo , Elisabeth	Mexico	F		Post Doctoral, Molecular Genetics	Texas A&M University <i>Genetics</i>	3/1993 - 5/1994
Arnold , Kirsten	Australia	F	MS	Clinical Sciences	Colorado State University <i>Animal Health</i>	6/1982 - 6/1983
Artz , Neal	US	M	PhD	Range Management	Utah State University <i>Range Management</i>	6/1981 - 3/1983
Baker , Jerry	US	M	PhD	Animal Breeding	Texas A&M University <i>Breeding</i>	9/1979 - 12/1981
Baptista , Rene	Bolivia	F	MS	Nutrition	Texas Tech University <i>Nutrition</i>	1/1994 - 12/1996
Barbosa , Eneas	Brazil	M	MS	Range Management	Texas A&M University <i>Breeding</i>	6/1983 - 9/1985
Bari , Johnson	Kenya	M	MS	Vet. Microbiology	Washington State University <i>Animal Health</i>	9/1980 - 6/1984
Berkat , Omar	Morocco	M	PhD	Range Sciences	Utah State University/Texas Tech <i>Range Management</i>	10/1981 - 7/1984
Bhebe , Evison	Zimbabwe	M	PhD	Molecular Genetics	Texas A&M University <i>Genetics</i>	1/1990 - 8/1993

Name	Citizenship	Gender	Degree	Discipline	Supporting Institution & CRSP Program	Training Duration
Bilinsky , Paula	US	F	MS	Rural Sociology	University of Missouri-Columbia <i>Sociology</i>	9/1982 - 12/1985
Blackburn , Harvey	US	M	PhD	Animal Breeding	Texas A&M University <i>Systems</i>	10/1979 -
Bogui , Natalie	Ivory Coast	F	MS	Animal Breeding	Texas A&M University <i>Breeding</i>	1/1984 - 5/1986
Bojorquez , Custodio	Peru	M	MS	Range Science	Texas Tech University <i>Range Management</i>	8/1984 - 12/1986
Boor , Kathryn	US	F	MS	Food Science	Winrock International <i>Nutrition</i>	9/1981 - 9/1983
Boubacar , Hassane	Niger	M	PhD	Range Science	Utah State University <i>Range Management</i>	1/1988 - 1/1992
Boujenane , Ismail	Morocco	M	PhD	Genetics	University of California, Davis <i>Breeding</i>	9/1985 - 8/1989
Bourfia , Mohamed	Morocco	M	PhD	Breeding	University of California, Davis <i>Breeding</i>	9/1985 - 1/1986
Brasfield , J.C.	US	M	MS	Animal Science	North Carolina State University <i>Nutrition</i>	/ - 12/1980
Brenni , Geanlucca	Switzerland	F	PhD	Animal Breeding	Texas A&M University <i>Systems</i>	1/1979 - 6/1983
Brodie , Scott	Peru	M	PhD	Pathology	Colorado State University <i>Animal Health</i>	9/1989 - 9/1992

Name	Citizenship	Gender	Degree	Discipline	Supporting Institution & CRSP Program	Training Duration
Brown , Lynn	US	F	MS	Nutrition	North Carolina State University <i>Nutrition</i>	9/1978 - 12/1982
Brown , Corrie	US	M	PhD	Comparitive Pathology	University of California, Davis <i>Animal Health</i>	8/1983 - 1/1986
Buntinx , Silvia	Mexico	F	MS	Nutrition	North Carolina State University <i>Nutrition</i>	2/1988 - 2/1990
Burstein , Helaine	US	F	PhD	Nutrition	North Carolina State University <i>Nutrition</i>	9/1981 - 12/1988
Buttolph , Lita	US	F	PhD	Range Science	Utah State University <i>Range Management</i>	1/1993 - 9/1995
Cai , Li	China	F	PhD	Genetics	Texas A&M University <i>Genetics</i>	9/1991 - 9/1995
Cardenas , Horacio	Peru	M	MS	Reproductive Physiology	Montana State University <i>Reproduction</i>	1/1989 - 1/1991
Carey , Jim	US	M	MS	Animal Science	Texas Tech University <i>Range Management</i>	8/1982 - 8/1984
Chafik , Azziz	Morocco	M	MS	Animal Breeding	Univ. of Minnesota/IAV Training <i>Breeding</i>	9/1984 - 9/1985
Chavez , Juan	Peru	M	PhD	Biology	Montana State University <i>Breeding</i>	3/1983 - 7/1986
Chen-chen , Yeh	Taiwan	F	MS	Animal Science	Texas A&M University <i>Breeding</i>	9/1992 - 8/1994

Name	Citizenship	Gender	Degree	Discipline	Supporting Institution & CRSP Program	Training Duration
Clark , Dana	US	F	MS	Reproduction	Utah State University <i>Reproduction</i>	9/1981 - 6/1982
Coronado , Luis	Peru	M	MS	Animal Breeding	Texas A&M University <i>Breeding</i>	2/1981 - 12/1983
daSilva , Jose	Brazil	M	PhD	Nutrition	North Carolina State University <i>Nutrition</i>	1/1979 - 2/1981
deSousa , Wandrick	Brazil	M	MS	Animal Breeding	Texas A&M University <i>Breeding</i>	7/1985 - 12/1987
Driggins , Kelly	US	F	MS	Nutrition	North Carolina State University <i>Nutrition</i>	9/1989 - 12/1991
Drobnis , Erma	US	F	MS	Animal Science	Calif. Polytech. State University <i>Reproduction</i>	4/1979 - 8/1981
Dugan , Kathy	US	F	MS	Nutrition	North Carolina State University <i>Nutrition</i>	1/1991 - 12/1993
East , Nancy	US	F	MS	Vet. Medicine	University of California, Davis <i>Animal Health</i>	8/1979 - 1/1980
El Aich , Ahmed	Morocco	M	PhD	Range Management	Utah State University <i>Range Management</i>	6/1981 - 9/1986
Ellis , John	US	M	PhD	Pathology	Colorado State University <i>Animal Health</i>	8/1980 - 7/1983
Elzo , Mauricio	Chile	M	PhD	Genetics	University of California, Davis <i>Breeding</i>	9/1979 - 6/1983

Name	Citizenship	Gender	Degree	Discipline	Supporting Institution & CRSP Program	Training Duration
Estofanero , Manuel	Peru	M	MS	Rural Sociology	University of Missouri-Columbia <i>Sociology</i>	1/1987 - 12/1989
Fagouri , M'barek	Morocco	M	MS	Range Science	Utah State University <i>Range Management</i>	9/1989 - 6/1991
Farfan , Ramiro	Peru	M	MS	Range Science	Texas Tech University <i>Range Management</i>	9/1980 - 12/1982
Fernandes , Antonio	Brazil	M	MS	Animal Breeding	Texas A&M University <i>Breeding</i>	9/1982 - 12/1984
Fernandez , Maria	Peru	F	PhD	Development Studies	University of Missouri-Columbia <i>Sociology</i>	10/1985 -
Fernandez , Maria Dolores	US	F	MS	Rural Sociology	University of Missouri-Columbia <i>Sociology</i>	1/1989 - 12/1993
Ferris , Charles	US	M	MS	Reproduction	Utah State University <i>Reproduction</i>	9/1979 - 6/1983
Fierro-Garcia , Carlos	Mexico	M	PhD	Range Science	Texas Tech University <i>Range Management</i>	1/1982 - 5/1985
Figueirido , Elsie	Brazil	M	PhD	Animal Breeding	Texas A&M University <i>Breeding</i>	7/1984 - 5/1986
Flores , Fnrique	Peru	M	MS	Range Management	Utah State University/LASPAU <i>Range Management</i>	9/1980 - 12/1983
Flores , Enrique	Peru	M	PhD	Range Management	Utah State University <i>Range Management</i>	4/1985 - 2/1989

Name	Citizenship	Gender	Degree	Discipline	Supporting Institution & CRSP Program	Training Duration
Garcia , Omar	Venezuela	M	PhD	Genetics	University of California, Davis <i>Breeding</i>	7/1978 - 8/1981
Garcia , Laura	US	F	MS	Animal Science	Calif. Polytech. State University <i>Reproduction</i>	4/1981 - 4/1983
Garmendia , Antonio	Peru	M	PhD	Vet. Immunology	Washington State <i>Animal Health</i>	9/1982 - 9/1986
Gaskins , Rex	US	M	MS	Nutrition	North Carolina State University <i>Nutrition</i>	8/1981 - 5/1986
Gathuka , Zachariah	Kenya	M	MS	Animal Breeding	Texas A&M/FAO <i>Breeding</i>	9/1980 - 5/1982
Ginting , Simon	Indonesia	M	MS	Nutrition	North Carolina State University <i>Nutrition</i>	1/1988 - 9/1990
Ginting , Simon	Indonesia	M	PhD	Nutrition	North Carolina State University <i>Nutrition</i>	8/1992 - 8/1995
Gobena , Amanuel	Ethiopia	M	PhD	Range Science	Utah State University <i>Range Management</i>	1/1984 - 9/1988
Gonzales , Gonzalo	Uruguay	M	MS	Genetics	University of California, Davis <i>Breeding</i>	7/1980 - 9/1982
Grimes , Julia	US	F	BS	Ag. Journalism and Rural Sociology	University of Missouri-Columbia <i>Sociology</i>	9/1988 - 6/1989
Gutierrez , Nestor	Colombia	M	PhD	Ag. Economics	Winrock International <i>Economics</i>	10/1979 - 1/1983

Name	Citizenship	Gender	Degree	Discipline	Supporting Institution & CRSP Program	Training Duration
Handayani , Sri Wening	Indonesia	F	MS	Rural Sociology	University of Missouri-Columbia <i>Sociology</i>	6/1988 - 12/1991
Handayani , Sri Wening	Indonesia	F	PhD	Rural Sociology	University of Missouri-Columbia <i>Sociology</i>	4/1991 - 4/1995
Hardesty , Linda	US	F	PhD	Range Sciences	Utah State University <i>Range Management</i>	12/1981 - 9/1986
Haryanto , Budi	Indonesia	M	MS	Nutrition	North Carolina State University <i>Nutrition</i>	1/1981 - 5/1984
Haryanto , Budi	Indonesia	M	PhD	Nutrition	North Carolina State University <i>Nutrition</i>	1/1981 - 5/1988
Hatch , Patricia	US	F	MS	Animal Science	North Carolina State University <i>Nutrition</i>	8/1982 - 12/1984
Hoffman , Laura	US	F	PhD	Biochemistry	Colorado State University <i>Animal Health</i>	9/1983 - 6/1988
Howard , Pamela	US	F	MS	Marketing	Winrock International <i>Economics</i>	1/1981 - 12/1981
Howard , Pamela	US	F	PhD	Animal Breeding	Texas A&M University <i>Breeding</i>	9/1982 - 9/1988
Huapaya , Gladys	Peru	F	MS	Animal Breeding	Montana State University <i>Breeding</i>	4/1985 - 7/1985
Hussein , Mohamed	Sudan	M	MS	Range Management	Utah State University <i>Range Management</i>	12/1980 -

Name	Citizenship	Gender	Degree	Discipline	Supporting Institution & CRSP Program	Training Duration
Ilham , A.	Morocco	M	PhD	Nutrition	University of Minnesota <i>Nutrition</i>	7/1984 - 2/1990
Inounu , Ismeth	Indonesia	M	MS	Animal Science	World Bank Fellowship/ University <i>Breeding</i>	8/1988 - 8/1990
Jamtgaard , Keith	US	M	MS	Rural Sociology	University of Missouri-Columbia <i>Sociology</i>	1/1979 - 12/1982
Jamtgaard , Keith	US	M	PhD	Rural Sociology	University of Missouri-Columbia <i>Sociology</i>	1/1988 - 8/1989
Jaramillo , Mauricio	Peru	M	MS	Ag. Economics	Winrock International <i>Economics</i>	6/1984 - 5/1985
Jimenez , Lidia	Peru	F	MS	Rural Sociology	University of Missouri-Columbia <i>Sociology</i>	9/1981 - 1/1985
Job , Morgan	Trinidad	M	PhD	Ag. Economics	Winrock International <i>Economics</i>	6/1980 - 12/1982
Jones , Matt	US	M	MS	Animal Breeding	Texas A&M University <i>Breeding</i>	9/1991 - 12/1993
Karanu , Francis	Kenya	M	PhD	Veterinary Parasitology	Washington State University <i>Animal Health</i>	1/1989 - 5/1995
Karanu , Francis	Kenya	M	MS	Veterinary Parasitology	Washington State University <i>Animal Health</i>	1/1989 - 12/1992
Khainga , Mohamed	Kenya	M	MS	Range Science	Texas Tech University <i>Range Management</i>	8/1984 - /

Name	Citizenship	Gender	Degree	Discipline	Supporting Institution & CRSP Program	Training Duration
Kiarie , Mercy	Kenya	F	MS	Veterinary Pathology	Washington State University <i>Animal Health</i>	7/1993 - 12/1994
Kibuchi , James	Kenya	M	MS	Animal Management	Winrock International <i>Range Management</i>	9/1980 - 7/1982
Kihara , Stanley	Kenya	M	MS	Veterinary Immunology	Washington State University <i>Animal Health</i>	1/1988 - 12/1993
Kimotho , Judith	Kenya	F	MS	Animal Science	Cal Poly/USDA <i>Reproduction</i>	8/1981 - 6/1984
Kiroo , Philip	Kenya	M	BS	Animal Breeding	Texas A&M University <i>Breeding</i>	1/1981 - 6/1983
Kirmse , Robert	US	M	PhD	Range Science	Utah State University <i>Range Management</i>	4/1982 - 12/1984
Kogi , Joseph	Kenya	M	MS	Animal Breeding	Texas A&M University <i>Breeding</i>	5/1991 - 2/1994
Kooyman , David	US	M	MS	Animal Science	Calif. Polytech. State University <i>Reproduction</i>	8/1982 - 6/1984
Kronberg , Scott	US	M	PhD	Range Science	Utah State University <i>Range Management</i>	9/1983 - 10/1989
Krown , Kevin	US	M	MS	Reproduction	Calif. Polytech. State University <i>Reproduction</i>	9/1982 - 6/1986
Lairmore , Michael	US	M	PhD	Pathology	Colorado State University <i>Animal Health</i>	9/1983 - 7/1987

Name	Citizenship	Gender	Degree	Discipline	Supporting Institution & CRSP Program	Training Duration
Lasslo , Laurel	US	F	PhD	Genetics	University of California, Davis <i>Breeding</i>	9/1978 - 6/1982
Lentz , Ellen	US	F	PhD	Animal Breeding	Texas A&M University <i>Breeding</i>	12/1986 -
Leonard , Ellen	US	F	MS	Animal Science	North Carolina State University <i>Nutrition</i>	9/1983 - 12/1986
Lewis , Ron	US	M	MS	Animal Breeding	Texas A&M University <i>Breeding</i>	9/1983 - 9/1986
Lipner , Michele	US	F	PhD	Rural Sociology	University of Missouri-Columbia <i>Sociology</i>	7/1987 - 6/1988
Luginbuhl , Jean-Marie	US	M	PhD	Nutrition	North Carolina State University <i>Nutrition</i>	6/1979 - 1/1983
MacDonald , Elizabeth	Jamaica	F	MS	Animal Science	Texas A&M University	8/1992 - 9/1994
Mandari , Godfrey	Tanzania	M	MS	Animal Science	Cal Poly/USDA <i>Reproduction</i>	8/1980 - 8/1982
Mann , Debora	US	F	MS	Animal Science	North Carolina State University <i>Nutrition</i>	9/1978 - 7/1984
Martinez , Domingo	Peru	M	MS	Production Economics	Winrock International <i>Economics</i>	1/1981 - 12/1982
Mathenge , James	Kenya	M	MS	Animal Breeding	Texas A&M University <i>Breeding</i>	6/1980 - 12/1981

Name	Citizenship	Gender	Degree	Discipline	Supporting Institution & CRSP Program	Training Duration
Mathuva , Moses	Kenya	M	MS	Animal Production	Winrock International <i>Range Management</i>	9/1982 - 12/1983
Mbabu , Adiel Nkonge	Kenya	M	PhD	Rural Sociology	University of Missouri-Columbia <i>Sociology</i>	8/1984 - 12/1988
Mbithi , Flora	Kenya	F	MS	Microbiology	Colorado State University <i>Animal Health</i>	8/1993 - 6/1995
Mbwiria , Stanley	Kenya	M	MS	Vet. Physiology	Washington State University <i>Animal Health</i>	4/1981 - 4/1984
McCorkle , Constance	US	F	PhD	Anthropology	University of Missouri-Columbia <i>Sociology</i>	2/1980 - 12/1982
Mendes , Lloyd	US	M	PhD	Range Management	University of Missouri-Columbia <i>Range Management</i>	4/1984 - 11/1985
Merkel , Roger	US	M	PhD	Nutrition	North Carolina State University <i>Nutrition</i>	9/1990 - 5/1994
Mesquita , Roberto	Brazil	M	MS	Range Science	Utah State University <i>Range Management</i>	9/1982 - 6/1985
Mink , Steve	US	M	PhD	Ag. Economics	Winrock International <i>Economics</i>	6/1980 - 12/1980
Mole , Jane	US	F	PhD	Reproduction	Utah State University <i>Reproduction</i>	1/1982 - 6/1984
Morales , Elina	Brazil	F	PhD	Range Science	Texas A&M University <i>Range Management</i>	9/1981 - 9/1985

Name	Citizenship	Gender	Degree	Discipline	Supporting Institution & CRSP Program	Training Duration
Mortimer , Dana	US	F	MS	Agricultural Economics	Winrock International <i>Animal Health</i>	6/1979 - 5/1982
Mounsif , Mohamed	Morocco	M	MS	Range Science	University of Minnesota <i>Range Management</i>	5/1985 - 12/1986
Mufandaedza , Oneas	Zimbabwe	M	PhD	Animal Science	North Carolina State University <i>Nutrition</i>	7/1990 - 8/1993
Muhuyi , William	Kenya	M	MS	Animal Science	Cal Poly/USDA <i>Reproduction</i>	6/1980 - 6/1982
Mukisira , Ephraim	Kenya	M	MS	Ruminant Nutrition	Winrock International <i>Range Management</i>	8/1982 - 8/1984
Muljadi , Agus	Indonesia	M	MS	Production Economics	Winrock International <i>Economics</i>	5/1981 - 7/1983
Muljadi , Agus	Indonesia	M	PhD	Production Economics	Winrock International <i>Economics</i>	9/1987 - 9/1990
Mwaengo , Duffon	Kenya	M	PhD	Molecular Virology	Colorado State University <i>Animal Health</i>	9/1990 - 5/1995
Mwai , Okeyo	Kenya	M	MS	Animal Science	University of California, Davis <i>Breeding</i>	9/1983 - 6/1985
Mwamachi , Derrick	Kenya	M	MS	Vet. Immunology	Washington State University <i>Animal Health</i>	3/1983 - 3/1987
Mwandotto , Bonfance	Kenya	M	PhD	Animal Breeding	Texas A&M University <i>Breeding</i>	9/1981 - 6/1984

Name	Citizenship	Gender	Degree	Discipline	Supporting Institution & CRSP Program	Training Duration
Narjisse , Hamid	Morocco	M	PhD	Range Management	Utah State University <i>Range Management</i>	8/1979 - 5/1981
Ndungu , Leah	Kenya	F	MS	Veterinary Parasitology	Washington State University <i>Animal Health</i>	1/1991 - 12/1994
Neira , Roberto	Chile	M	PhD	Genetics	University of California, Davis <i>Breeding</i>	4/1981 - 8/1982
Nelson , Terry	US	M	PhD	Animal Breeding	Texas A&M University <i>Breeding</i>	8/1979 - 7/1980
Neumaier , Marisa	Brazil	F	MS	Rural Sociology	University of Missouri-Columbia <i>Sociology</i>	6/1981 - 8/1983
Nieves , Raul	US	M	MS	Microbiology	Colorado State University <i>Animal Health</i>	1/1985 - 3/1987
Njanja , James	Kenya	M	MS	Vet. Parasitology	Washington State University <i>Animal Health</i>	4/1982 - 4/1985
Noble , Amanda	US	F	MS	Rural Sociology	University of Missouri-Columbia <i>Sociology</i>	9/1979 - 8/1982
Norris , Therese	US	F	MS	Physiology/Reproduction	Texas A&M University <i>Reproduction</i>	9/1984 - 9/1986
Novoa , Cesar	Peru	M	PhD	Reproduction/ Physiology	Utah State University <i>Reproduction</i>	1/1981 - 9/1984
Nyaribo , Fanny	Kenya	F	PhD	Ag. Economics	Winrock International <i>Economics</i>	8/1984 - 6/1988

Name	Citizenship	Gender	Degree	Discipline	Supporting Institution & CRSP Program	Training Duration
Odenya , William	Kenya	M	MS	Animal Science	UCD/FAO <i>Breeding</i>	9/1980 - 9/1982
Odewumi , Oluseum	Nigeria	F	MS	Animal Science	North Carolina State University <i>Nutrition</i>	12/1987 -
Oluoch , Elizabeth	Kenya	F	MS	Vet. Immunology	Washington State University <i>Animal Health</i>	9/1984 - 9/1985
Ortega , Isaac	Chile	M	PhD	Range Science	Texas Tech University <i>Range Management</i>	9/1985 - 12/1991
Otieno , Kenneth	Kenya	M	MS	Plant Science & Agronomy	Winrock International <i>Systems</i>	9/1984 - 10/1985
Padilha , C.	Brazil	M	PhD	Comp. Pathology	University of California, Davis <i>Animal Health</i>	1/1982 - 12/1985
Page , Frank	US	M	MS	Ag. Economics	Winrock International <i>Economics</i>	7/1983 - 9/1983
Paz , Miguel	Peru	M	PhD	Statistics	Montana State University	1/1989 - 6/1993
Perevolotsky , Avi	Israel	M	PhD	Anthropology	University of Missouri-Columbia <i>Sociology</i>	8/1981 - 9/1983
Pfister , James	US	M	PhD	Range Science	Utah State University <i>Range Management</i>	9/1979 - 6/1983
Pitts , John	US	M	MS	Range Science	Texas Tech University <i>Range Management</i>	1/1982 - 12/1983

Name	Citizenship	Gender	Degree	Discipline	Supporting Institution & CRSP Program	Training Duration
Prabowo , Akhmed	Indonesia	M	MS	Nutrition	North Carolina State University <i>Nutrition</i>	1/1984 - 9/1986
Prabowo , Akhmed	Indonesia	M	PhD	Nutrition	North Carolina State University <i>Nutrition</i>	10/1986 - 9/1989
Priyanti , Atien	Indonesia	F	MS	Agricultural Economics	Winrock International <i>Economics</i>	6/1990 - 1/1993
Queiroz , Joao	Brazil	M	PhD	Range Management	Utah State University <i>Range Management</i>	4/1980 - 12/1985
Quiroz , Roberto	Panama	M	MS	Nutrition	North Carolina State University <i>Nutrition</i>	5/1982 - 8/1984
Ramdas , Sagar	India	F	MS	Breeding	University of California, Davis <i>Breeding</i>	9/1989 - 6/1991
Ramirez , Antonio	Peru	M	PhD	Microbiology	Colorado State University <i>Animal Health</i>	6/1982 - 3/1987
Reeh , Donald	US	M	MS	Animal Production	Texas A&M University <i>Breeding</i>	9/1984 - 9/1986
Reese , Alice	US	F	PhD	Nutrition	North Carolina State University <i>Nutrition</i>	8/1984 - 8/1988
Rege , Edward	Kenya	M	PhD	Breeding/Genetics	UCD/World Bank Fellowship <i>Genetics</i>	9/1980 - 12/1984
Reiner , Richard	US	M	PhD	Range Science	Texas Tech University <i>Range Management</i>	6/1982 - 5/1985

Name	Citizenship	Gender	Degree	Discipline	Supporting Institution & CRSP Program	Training Duration
Rihani , Nacif	Morocco	M	PhD	Nutrition	University of California, Davis <i>Nutrition</i>	1/1986 - 9/1991
Ripley , Laura	US	F	PhD	Nutrition	Texas A&M University <i>Nutrition</i>	1/1986 - 12/1987
Rivera , Linda	Peru	F		Virology/Serology	Colorado State University <i>Animal Health</i>	2/1984 - 2/1985
Rohrer , Gary	US	M	PhD	Molecular Genetics	Texas A&M University <i>Genetics</i>	1/1987 - 5/1991
Romano-Munoz , Jose	Mexico	M	PhD	Nutrition	North Carolina State University <i>Nutrition</i>	9/1990 - 5/1994
Rosadio , Raul	Peru	M	PhD	Pathology	Colorado State University <i>Animal Health</i>	9/1983 - 3/1987
Rotich , Daniel	Kenya	M	MS	Animal Science	Calif. Polytech. State University	6/1982 - 6/1985
Samsell , Lennie	US	F	MS	Animal Science	North Carolina State University <i>Nutrition</i>	9/1983 - 7/1986
San , Nu Nu	Indonesia	F	PhD	Ag. Economics	Winrock International <i>Economics</i>	9/1993 - 2/1994
San Martin , Felipe	Peru	M	PhD	Range Science	Texas Tech University <i>Range Management</i>	1/1984 - 12/1987
Sands , Michael	US	M	PhD	Animal Science	Winrock International <i>Range Management</i>	1/1980 - 8/1982

Name	Citizenship	Gender	Degree	Discipline	Supporting Institution & CRSP Program	Training Duration
Schacht , Walter	US	M	PhD	Range Science	Utah State University <i>Range Management</i>	1/1984 - 12/1986
Schoenian , Susan	US	F	MS	Animal & Range Sciences	Montana State University <i>Range Management</i>	8/1986 - 4/1988
Schvartz , Maura	US	F	MS	Int. Agr. Devel.	University of California, Davis <i>Breeding</i>	9/1985 - 9/1987
Shavulimo , Robert	Kenya	M	MS	Parasitology	Washington State University <i>Animal Health</i>	10/1983 -
Shompole , Patrick	Kenya	M	MS	Vet. Microbiology	Washington State University <i>Animal Health</i>	3/1985 - 9/1988
Silitonga , Sorta	Indonesia	F	MS	Nutrition	North Carolina State University <i>Nutrition</i>	4/1981 - 12/1982
Simplicio , Aurino	Brazil	M	PhD	Repro. Physiology	Utah State University <i>Reproduction</i>	8/1982 - 12/1985
Smith , Barbara	US	F	MS	Animal Science	North Carolina State University <i>Nutrition</i>	1/1984 - 12/1987
Snowder , Gary	US	M	PhD	Animal Breeding	Texas A&M University <i>Breeding</i>	9/1984 - 12/1987
Soedjana , Tjeppy	Indonesia	M	PhD	Ag. Economics	Winrock International <i>Economics</i>	8/1984 - 8/1987
Soi , Ruben	Kenya	M	PhD	Vet. Immunization	Washington State University <i>Animal Health</i>	8/1988 - 5/1995

Name	Citizenship	Gender	Degree	Discipline	Supporting Institution & CRSP Program	Training Duration
Soltero-Gardea , Sergio	Mexico	M	MS	Range Science	Texas Tech University <i>Range Management</i>	1/1985 - 10/1989
Soltero-Gardea , Sergio	Mexico	M	PhD	Range Science	Texas Tech University <i>Range Management</i>	1/1987 - 5/1991
Spinhove , Ginette	Holland	F	MS	Agricultural Science	Winrock International <i>Economics</i>	10/1985 - 4/1986
Subandriyo ,	Indonesia	M	MS	Breeding	University of California, Davis <i>Breeding</i>	8/1982 - 8/1984
Subandriyo ,	Indonesia	M	PhD	Breeding	University of California, Davis <i>Breeding</i>	8/1987 - 11/1990
Suda , Collette	Kenya	F	PhD	Rural Sociology	University of Missouri-Columbia <i>Sociology</i>	6/1982 - 5/1986
Suradsastra , Kedi	Indonesia	M	MS	Rural Sociology	University of Missouri-Columbia <i>Sociology</i>	1/1981 - 1/1983
Suradsastra , Kedi	Indonesia	M	PhD	Ag. Economics	University of Missouri-Columbia <i>Sociology</i>	2/1983 - 12/1987
Swindale , Anne	US	F	MS	Rural Sociology	Winrock International <i>Economics</i>	1/1984 - 12/1984
Tallum , Steven	Kenya	M	MS	Animal Science	Texas A&M University <i>Systems</i>	1/1983 - 12/1985
Tiesnamurti , Bess	indonesia	F	MS	Animal Science	World Bank Fellowship <i>Breeding</i>	1/1986 - 6/1988

Name	Citizenship	Gender	Degree	Discipline	Supporting Institution & CRSP Program	Training Duration
Tigma , Mohammed	Morocco	M	PhD	Range Science	Utah State University <i>Range Management</i>	9/1990 - 6/1995
Tulley , Druska	US	F	MS	Reproductive Physiology/Animal	Montana State University <i>Reproduction</i>	9/1979 - 8/1981
Ubiraci , Jose	Brazil	M	MS	Reproduction	Utah State University <i>Reproduction</i>	5/1981 - 6/1984
Valdivia , Corinne	Peru	F	MS	Agricultural Policy	Winrock International <i>Economics</i>	1/1981 - 12/1983
Valdivia , Corinne	Peru	F	PhD	Ag. Economics	Winrock International <i>Economics</i>	8/1986 - 8/1989
Villalta , Pedro	Peru	M	MS	Reproduction	Utah State University <i>Reproduction</i>	9/1984 - 6/1986
Villena , Francis	Peru	M	MS	Range Science	Texas Tech University <i>Range Management</i>	12/1985 -
Vivanco , Henry	Peru	M	MS	Reproduction	Calif. Polytech. State University <i>Reproduction</i>	9/1981 - 6/1983
Vivanco , Henry	Peru	M	PhD	Reproduction	Utah State University <i>Reproduction</i>	12/1986 -
Waghela , Suryakant	Kenya	M	PhD	Vet. Immunology	Washington State University <i>Animal Health</i>	9/1984 - 9/1988
Washington-Allen , Robert	US	M	PhD	Range Science	Utah State University <i>Range Management</i>	10/1990 - 6/1995

Name	Citizenship	Gender	Degree	Discipline	Supporting Institution & CRSP Program	Training Duration
Washington-Allen , Robert	US	M	MS	Range Science	Utah State University <i>Range Management</i>	10/1990 - 5/1993
Wilcox , Brad	US	M	MS	Range Science	Texas Tech University <i>Range Management</i>	1/1980 - 12/1982
Willingham , Timothy	US	M	MS	Physiology Repro.	Texas A&M University <i>Breeding</i>	9/1982 - 9/1987
Woldehawariat , Girma	Ethiopia	M	PhD	Animal Breeding	Texas A&M University <i>Breeding</i>	9/1978 - 12/1982

International Institutions Awarding Degrees with SR-CRSP Support

Name	Citizenship	Gender	Degree	Degree Institution	Supporting Institution & CRSP Program	Training Duration
Abdoulhouda , Youssef	Comoro	M	Ing. Agr.	National School of Agriculture, Meknes, Morocco	North Carolina State University	10/1984 - 7/1985
Acata , Ortega	Peru	M	MS	Universidad Nacional Agraria , La Molina, Peru	Texas Tech University <i>Range Management</i>	1/1984 - 12/1985
Aguirre-Terrazas , Lucretia	Peru	F	BA	University of Cuzco, Peru	University of Missouri-Columbia <i>Breeding</i>	9/1981 - 9/1982
Ait Mhamd , Thami	Morocco	M	MS*	IAV, Hassan II, Rabat, Morocco	Utah State University <i>Range Management</i>	9/1982 - 7/1983
Alarcon , V.	Peru	M	MS	Universidad Nacional Agraria , La Molina, Peru	Utah State University <i>Reproduction</i>	1/1985 - 12/1986
Alarcon , V.	Peru	M	BS	Universidad Nacional Agraria , La Molina, Peru	Utah State University <i>Reproduction</i>	1/1985 - 12/1986
Alcarraz , R.	Peru	M	MS	Universidad Nacional Agraria , La Molina, Peru	Texas Tech University <i>Range Management</i>	1/1984 - 12/1985
Alves , Jose	Brazil	M	MS	Santa Maria University, Brazil	Utah State University <i>Reproduction</i>	5/1982 - 4/1985

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Name	Citizenship	Gender	Degree	Degree Institution	Supporting Institution & CRSP Program	Training Duration
Amuhinda , Peter	Kenya	M		Kenya Institute of Administration, Kenya	University of Missouri-Columbia <i>Sociology</i>	2/1986 - 9/1986
Aries , C.	Peru	M	MS	Universidad Nacional Agraria , La Molina, Peru	Texas Tech University <i>Range Management</i>	12/1981 -
Atamara , Ponce	Peru	M	MS	Universidad Nacional Technica del Altiplano, Bolivia	Texas Tech University <i>Range Management</i>	1/1986 - 10/1987
Auxilladora , Maria	Brazil	F	MS	Federal University of Pernambuco, Recife, Brazil	Utah State University <i>Reproduction</i>	10/1986 -
Barrera , Mercedes	Peru	F	BS	National Agrarian University, Lima, Peru	Montana State University <i>Economics</i>	10/1984 - 9/1985
Benjelloun , J.	Morocco	M	MS	IAV, Hassan II, Rabat, Morocco	North Carolina State University <i>Nutrition</i>	1 - 2/1993
Berrami , Ali	Morocco	M	MS*	IAV, Hassan II, Rabat, Morocco	North Carolina State University <i>Nutrition</i>	10/1984 - 7/1985
Boumrifag , Mohamed	Morocco	M	MS*	National School of Agriculture, Meknes, Morocco	North Carolina State University <i>Nutrition</i>	10/1984 - 7/1985
Bouzekraoui , A.	Morocco	M	MS*	National School of Agriculture, Meknes, Morocco	North Carolina State University	10/1981 - 7/1983

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Name	Citizenship	Gender	Degree	Degree Institution	Supporting Institution & CRSP Program	Training Duration
Bueno , Luiz	Peru	M	Ing. Agr.	National Agrarian University, Lima, Peru	Texas Tech University <i>Range Management</i>	1/1980 - 12/1982
Bueno , S.	Peru	M	MS	National Agrarian University, Lima, Peru	Montana State University <i>Breeding</i>	7/1981 - /
Cabrera , Prospero	Peru	M	MS	National Agrarian University, Lima, Peru	Montana State University <i>Breeding</i>	3/1980 - 10/1988
Caceres , Magali	Bolivia	F	Ing. Agr.	Universidad Autonoma Tomas Frias, Bolivia	Texas Tech University	2/1992 - 5/1994
Caldas , Willi	Peru	M	BA	National Agrarian University, Lima, Peru	University of Missouri-Columbia	9/1981 - 9/1982
Calsin , Jose	Peru	M	Ing. Agr.	Universidad Nacional Technica del Altiplano, Bolivia	Montana State University <i>Range Management</i>	/ - 8/1989
Camara , Fode	Niger	M	MS*	National School of Agriculture, Meknes, Morocco	North Carolina State University	10/1986 - 9/1987
Castelo , Fernando	Peru	M	Ing. Agr.	Universidad Nacional Technica del Altiplano, Bolivia	Montana State University <i>Range Management</i>	/ - 12/1989
Cavieri , A.	Peru	M	BS	University Richardo, Palma, Peru	Colorado State University <i>Animal Health</i>	11/1984 -

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Name	Citizenship	Gender	Degree	Degree Institution	Supporting Institution & CRSP Program	Training Duration
Chavez , Diana	Peru	F	Ing. Agr.	National Agrarian University, Lima, Peru	Montana State University	7/1981 - 7/1985
Chebabi , Hamid	Morocco	M	MS*	National School of Agriculture, Meknes, Morocco	North Carolina State University	10/1986 - 9/1987
Chergaoui , Abdelaziz	Morocco	M	MS*	IAV, Hassan II, Rabat, Morocco	Utah State University <i>Range Management</i>	9/1980 - 3/1982
Condori , Hector	Peru	M	Ing. Agr.	Universidad Nacional Agraria , La Molina, Peru	Texas Tech University <i>Range Management</i>	1/1986 - 3/1987
Contreras , William	Peru	M	Ing. Agr.	Univ. Nacional del Centro, Huancayo, Peru	Texas Tech University	8/1988 - /
Coulibaly , Modibo	Mali	M	MS*	National School of Agriculture, Meknes, Morocco	North Carolina State University	10/1984 - 7/1985
Cruces , Martha	Peru	F	Ing. Agr.	National Agrarian University, Lima, Peru	Winrock International <i>Economics</i>	11/1980 -
Cruz , Etelmira	Peru	F	BS	Univ. of San Agustin, Arequipa, Peru	University of Missouri-Columbia <i>Sociology</i>	8/1983 - 7/1984
Cutipa , Flore	Peru	F	BS	Univ. of San Agustin, Arequipa, Peru	University of Missouri-Columbia <i>Sociology</i>	8/1983 - 7/1984

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Name	Citizenship	Gender	Degree	Degree Institution	Supporting Institution & CFSP Program	Training Duration
Darfaoui , El Mostafa	Morocco	M	MS*	IAV, Hassan II, Rabat, Morocco	Utah State University <i>Range Management</i>	9/1981 - 7/1982
de Assis-Arruda , F.	Brazil	M	MS	Federal University of Ceara, Brazil	North Carolina State University <i>Breeding</i>	1/1980 - 12/1983
de Costa , Ordorico	Brazil	M	MS	Federal University of Ceara, Brazil	Winrock International <i>Economics</i>	11/1980 - 2/1982
de Vasconcelos , M.	Brazil	M	MS	Federal University Pernambuco, Recife, Brazil	North Carolina State University	4/1986 - 4/1988
Derqaoui , Lahsen	Morocco	M	PhD	IAV, Hassan II, Rabat, Morocco	University of California, Davis <i>Breeding</i>	9/1985 - 1/1990
Diaz , Roxana	Peru	F	Ing. Agr.	National Agrarian University, Lima, Peru	Winrock International <i>Economics</i>	11/1980 - 9/1982
Domingo , Santo	Brazil	M	MS	Federal University of Pernambuco, Recife, Brazil	University of California, Davis <i>Animal Health</i>	6/1985 - 6/1987
El Haddani , Mohamed	Morocco	M	MS*	National School of Agriculture, Meknes, Morocco	North Carolina State University <i>Nutrition</i>	10/1984 - 7/1985
El Honsali , Mohamed	Morocco	M	MS*	IAV, Hassan II, Rabat, Morocco	Utah State University <i>Range Management</i>	9/1982 - 7/1983

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Name	CITIZENSHIP	Gender	Degree	Degree Institution	Supporting Institution & CRSP Program	Training Duration
El Maadoudi , E.	Morocco	M	MS*	IAV, Hassan II, Rabat, Morocco	North Carolina State University <i>Nutrition</i>	
Elhata , Malika	Morocco	M	MS	IAV, Hassan II, Rabat, Morocco	North Carolina State University <i>Nutrition</i>	/ - 1/1992
Ennaciri , Khadouj	Morocco	M	MS*	National School of Agriculture, Meknes, Morocco	North Carolina State University <i>Nutrition</i>	10/1986 - 9/1987
Escalante , Victor	Peru	M	Lic.	University of Cuzco, Peru	University of Missouri-Columbia	9/1981 - 9/1982
Essadi , M.	Morocco	M	MS*	National School of Agriculture, Meknes, Morocco	North Carolina State University <i>Nutrition</i>	10/1981 - 7/1983
Fadili , Moussa	Morocco	M	MS*	IAV, Hassan II, Rabat, Morocco	North Carolina State University <i>Nutrition</i>	10/1983 - 7/1985
Fares , A.	Morocco	M	MS*	IAV, Hassan II, Rabat, Morocco	North Carolina State University <i>Nutrition</i>	
Flores , Freddy	Bolivia	M	Ing. Agr.	Universidad Mayor de San Andres, Bolivia	Texas Tech University	2/1992 - 5/1994
Frolian , G.	Peru	M	Ing. Agr.	National Agrarian University, Lima, Peru	Montana State University	4/1987 - 4/1990

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Name	Citizenship	Gender	Degree	Degree Institution	Supporting Institution & CRSP Program	Training Duration
Gamara , Jorge	Peru	M	Ing. Agr.	National Agrarian University, Lima, Peru	Texas Tech University	9/1982 - 12/1984
Garay , Gladys	Peru	F	Ing. Agr.	National Agrarian University, Lima, Peru	Montana State University <i>Breeding</i>	3/1982 - 3/1985
Garay , Gladys	Peru	F	MS	National Agrarian University, Lima, Peru	Montana State University <i>Breeding</i>	3/1985 - 3/1987
Garcia , H.	Peru	M	MS	Univ. Pedro Ruiz Gallo, Lambayeque, Peru	Texas Tech University <i>Range Management</i>	1/1982 - 12/1982
Garcia , J.	Peru	M	MS	Univ. Pedro Ruiz Gallo, Lambayeque, Peru	Texas Tech University <i>Range Management</i>	1/1982 - 12/1982
Gonzalez , Cristobal	Peru	M	BS	Univ. of San Agustin Arequipa, Peru	University of Missouri-Columbia <i>Sociology</i>	8/1983 - 7/1984
Gonzalez , E.	Peru	M	MS	Universidad Nacional Agraria , La Molina, Peru	Texas Tech University <i>Range Management</i>	9/1983 - 5/1985
Grados , Alfredo	Peru	M	Ing. Agr.	National Agrarian University, Lima, Peru	Montana State University	3/1982 - 3/1984
Grados , Alfredo	Peru	M	MS	National Agrarian University, Lima, Peru	Montana State University <i>Breeding</i>	4/1984 - /

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Name	Citizenship	Gender	Degree	Degree Institution	Supporting Institution & CRSP Program	Training Duration
Guimaraes , Watson	Brazil	M	MS	Federal University of Ceara, Brazil	North Carolina State University <i>Nutrition</i>	1/1986 - 12/1987
Gutierrez , Carlos	Peru	M	BVM	San Marcos University, Peru	Texas Tech University <i>Animal Health</i>	1/1980 - 5/1983
Hafadi , M.	Morocco	M	MS*	National School of Agriculture, Meknes, Morocco	North Carolina State University <i>Nutrition</i>	10/1981 - 7/1983
Hanafiah , Ahmed	Indonesia	M	BS	Bogor Agricultural Institute, Indonesia	North Carolina State University	9/1984 - 9/1987
Harkousse , Mohammed	Morocco	M	MS*	IAV, Hassan II, Rabat, Morocco	North Carolina State University <i>Range Management</i>	9/1981 - 7/1982
Hazzam , Rachida	Morocco	M	MS*	National School of Agriculture, Meknes, Morocco	North Carolina State University <i>Nutrition</i>	10/1986 - 9/1987
Hilali , Ahmed	Morocco	M	MS*	IAV, Hassan II, Rabat, Morocco	North Carolina State University <i>Nutrition</i>	10/1985 - 7/1986
Huaman , Juan	Peru	M	Ing. Agr.	Universidad Nacional Technica del Altiplano, Peru	<i>Range Management</i>	1 - 6/1989
Huaman , Marta	Peru	F	BS	Pedro Ruiz Gallo Univ., Lambayeque, Peru	University of Missouri-Columbia <i>Sociology</i>	1/1983 - 12/1984

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Name	Citizenship	Gender	Degree	Degree Institution	Supporting Institution & CRSP Program	Training Duration
Huapaya , Gladys	Peru	F	MS	National Agrarian University, Lima, Peru	Montana State University <i>Breeding</i>	3/1980 - 4/1985
Huayhua , Juan	Peru	M	Ing. Agr.	National Agrarian University, Lima, Peru	Montana State University <i>Breeding</i>	9/1984 - 5/1990
Huisa , Timoteo	Peru	M	MS	Cusco University, Peru	Texas Tech University <i>Range Management</i>	1/1984 - 8/1985
Igmoullan , Ahmed	Morocco	M	MS*	IAV, Hassan II, Rabat, Morocco	North Carolina State University <i>Nutrition</i>	10/1981 - 7/1982
Inounu , Ismeth	Indonesia	M	PhD	IPB, Indonesia	University of California, Davis <i>Breeding</i>	9/1990 - 9/1994
Jimenez , Maria	Bolivia	F	Ing. Agr.	Universidad Mayor de San Andres, Bolivia	Texas Tech University	
Khal , Mohamed	Morocco	M	MS*	IAV, Hassan II, Rabat, Morocco	North Carolina State University <i>Nutrition</i>	10/1981 - 7/1982
Kiguhi , H.	Kenya	M		Maseno Gov. Training Institute, Kenya	University of Missouri-Columbia <i>Sociology</i>	2/1986 - 9/1986
Kitivo , Daniel	Kenya	M	MS	Reading University, Great Britian	CRSP Exchange Funds <i>Range Management</i>	8/1982 - 12/1983

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Name	Citizenship	Gender	Degree	Degree Institution	Supporting Institution & CRSP Program	Training Duration
Koundouno , Angeline	Guinea	F	MS*	National School of Agriculture, Meknes, Morocco	North Carolina State University	10/1986 - 9/1987
Koyandondri , Leon	Central Africa	M	MS*	National School of Agriculture, Meknes, Morocco	North Carolina State University <i>Economics</i>	10/1984 - 7/1985
Larez , Ivan	Peru	M	Ing. Agr.	National Agrarian University, Lima, Peru	Texas Tech University	6/1980 - 12/1982
Layna , Carlos	Peru	M	MS	National Agrarian University, Lima, Peru	Montana State University <i>Range Management</i>	9/1989 - /
Legdali , Nadia	Morocco	F	MS*	National School of Agriculture, Meknes, Morocco	North Carolina State University <i>Nutrition</i>	10/1983 - 7/1984
Lemharzi , L.	Morocco	M	MS*	National School of Agriculture, Meknes, Morocco	North Carolina State University <i>Nutrition</i>	10/1982 - 7/1984
Llerena , Gorki	Peru	M	Lic.	National Agrarian University, Lima, Peru	Winrock International <i>Economics</i>	11/1980 - 1/1982
Lopez , Victor	Peru	M	Ing. Agr.	National Agrarian University, Lima, Peru	Montana State University	1/1981 - /
Lopez , Manuel	Peru	M	Ing. Agr.	National Agrarian University, Lima, Peru	Montana State University	3/1983 - 9/1986

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Name	Citizenship	Gender	Degree	Degree Institution	Supporting Institution & CRSP Program	Training Duration
Lopez , Manuel	Peru	M	MS	National Agrarian University, Lima, Peru	Montana State University	10/1987 - 2/1990
Lopez , Ester	Bolivia	F	Ing. Agr.	Universidad Tecnica de Oruro, Bolivia	Texas Tech University	2/1992 - 5/1994
Machuca , Juan	Peru	M	Ing. Agr.	National Agrarian University, Lima, Peru	Winrock International <i>Economics</i>	9/1980 - 9/1981
Maharzi , Latifa	Mali	M	MS*	National School of Agriculture, Meknes, Morocco	North Carolina State University	10/1983 - 7/1984
Mamani , Lolo	Peru	M	BS	Univ. of San Agustin Arequipa, Peru	University of Missouri-Columbia <i>Sociology</i>	8/1983 - 7/1984
Mara , Sandra	Brazil	F	MS	Federal University of Ceara, Brazil	Utah State University <i>Range Management</i>	1/1984 - 3/1986
Mathias , I.	Indonesia	M	PhD	IPB, Indonesia	North Carolina State University <i>Nutrition</i>	8/1990 - 8/1993
Maurique , Juan	Peru	M	Ing. Agr.	Centro Nat. Univ., Huancayo, Peru	Montana State University	3/1982 - 3/1984
Mawi , Syahrir	Indonesia	M	MS	Institut Pertanian, Bogor, Indonesia	University of Missouri-Columbia <i>Sociology</i>	8/1982 - 8/1984

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Name	Citizenship	Gender	Degree	Degree Institution	Supporting Institution & CRSP Program	Training Duration
Mendili , Abdellah	Morocco	M	MS	National School of Agriculture, Meknes, Morocco	<i>Nutrition</i>	/ - 1/1993
Menenses , Norma	Peru	F	BA	San Marcos University, Peru	University of Missouri-Columbia	5/1985 - 5/1986
Millones , Luiz	Peru	M	Lic.	National Agrarian University, Lima, Peru	Winrock International <i>Economics</i>	12/1981 - 1/1983
Montesinos , Maria	Peru	F	Ing. Agr.	Universidad Nacional Technica del Altiplano, Peru	Montana State University	11/1981 -
Mountassir , N.	Morocco	M	MS*	National School of Agriculture, Meknes, Morocco	North Carolina State University	10/1981 - 7/1983
Moura Fe , Fatima	Brazil	F	MS	Federal University of Ceara, Brazil	Winrock International <i>Economics</i>	8/1981 - 8/1983
Nascimento , Edna	Brazil	F	MS	Federal University of Ceara, Brazil	Texas A&M University <i>Breeding</i>	9/1981 - 9/1985
Natasukara , Argus	Indonesia	M	MS	Univ. of the Phillipines	<i>Nutrition</i>	5/1987 - 2/1991
Ochieng , E.	Kenya	M		Maseno Gov. Training Institute, Kenya	University of Missouri-Columbia <i>Sociology</i>	2/1986 - 9/1986

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Name	Citizenship	Gender	Degree	Degree Institution	Supporting Institution & CRSP Program	Training Duration
Ogado , Henry	Kenya	M	MS	Nairobi University, Kenya	Winrock International <i>Economics</i>	11/1984 - 9/1985
Oscanoa , Luis	Peru	M	MS	Universidad Nacional Agraria , La Molina, Peru	Texas Tech University <i>Range Management</i>	6/1984 - 12/1985
Otieno , E.	Kenya	M		Maseno Gov. Training Institute, Kenya	University of Missouri-Columbia <i>Sociology</i>	2/1986 - 9/1986
Ouchkif , M.	Morocco	M	MS*	IAV, Hassan II, Rabat, Morocco	North Carolina State University <i>Nutrition</i>	10/1986 - 9/1988
Oumzai , Fatima	Morocco	F	MS*	National School of Agriculture, Meknes, Morocco	North Carolina State University <i>Nutrition</i>	10/1983 - 7/1984
Paicahura , Claudio	Peru	M	Ing. Agr.	Universidad Nacional Agraria , La Molina, Peru	Texas Tech University <i>Range Management</i>	1/1986 - 5/1987
Pena , Oscar	Bolivia	M	Ing. Agr.	Universidad Mayor de San Andres, Bolivia	Texas Tech University	2/1992 - 5/1994
Peralta , A.P.	Peru	F	MS	Univ. Pedro Ruiz Gallo, Lambayeque, Peru	Texas Tech University <i>Range Management</i>	1/1984 - 5/1986
Pinares , Cesar	Peru	M	BS	Universidad Nacional Agraria , La Molina, Peru	Utah State University <i>Reproduction</i>	1/1985 - 1/1986

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Name	Citizenship	Gender	Degree	Degree Institution	Supporting Institution & CRSP Program	Training Duration
Pinares , Cesar	Peru	M	MS	Universidad Nacional Agraria , La Molina, Peru	Utah State University <i>Reproduction</i>	1/1986 - 1/1987
Pinontoan , R.	Indonesia	M		Balai Penelitian Temak, Bogor, Indonesia	North Carolina State University <i>Nutrition</i>	1/1986 - 1/1987
Ponce , Gonzalez	Peru	M	MS	Universidad Nacional Agraria , La Molina, Peru	Texas Tech University <i>Range Management</i>	1/1984 - 5/1986
Priyanto , Dwi	Indonesia	M	BS	Bogor Agriculture Institute, Indonesia	North Carolina State University	9/1984 - 9/1987
Puchuri , J.	Peru	M	BVM	San Marcos University, Peru	Colorado State University <i>Animal Health</i>	6/1984 - 6/1985
Pulungan , Hamzah	Indonesia	M	PhD	Bogor Agricultural Institute, Indonesia	North Carolina State University <i>Nutrition</i>	1/1985 - 5/1990
Quevedo , Pilar	Peru	F	Ing. Agr.	National Agrarian University, Lima, Peru	Montana State University	3/1984 - 3/1986
Quevedo , Pilar	Peru	F	MS	National Agrarian University, Lima, Peru	Montana State University	4/1986 - 4/1988
Rahal , Boudour	Morocco	M	MS*	National School of Agriculture, Meknes, Morocco	North Carolina State University <i>Economics</i>	10/1984 - 7/1985

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Name	Citizenship	Gender	Degree	Degree Institution	Supporting Institution & CRSP Program	Training Duration
Rios , Maria	Peru	F	BVM	San Marcos University, Peru	Texas Tech University	6/1980 - 6/1981
Rios , Maria	Peru	F	BVM	San Marcos University, Peru	Colorado State University <i>Animal Health</i>	2/1982 - 7/1982
Rodriguez , Humberto	Peru	M	MS	National Agrarian University, Lima, Peru	Montana State University <i>Breeding</i>	3/1980 - 4/1981
Rodriguez , Nellie	Peru	F	MS	Universidad Nacional Agraria , La Molina, Peru	Texas Tech University <i>Range Management</i>	6/1982 - 5/1984
Rogue , Juan	Peru	M	MS	National Agrarian University, Lima, Peru	Montana State University <i>Breeding</i>	7/1981 - /
Rojas , Corina	Peru	F	BS	Univ. of San Agustin Arequipa, Peru	University of Missouri-Columbia <i>Sociology</i>	8/1983 - 7/1984
Romjali , Ednang	Indonesia	M	MS	Univ. Gajamada, Indonesia	University of California, Davis <i>Breeding</i>	8/1992 - 9/1994
Ruiton , Jesus	Peru	M	Ing. Agr.	National Agrarian University, Lima, Peru	Winrock International <i>Economics</i>	1/1980 - 9/1982
Sabrani , M.	Indonesia	M	PhD	Gadja Mada Univ., Jakarta, Indonesia	Winrock International <i>Economics</i>	6/1982 - 12/1984

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Name	Citizenship	Gender	Degree	Degree Institution	Supporting Institution & CRSP Program	Training Duration
Salazar , Eler	Peru	M	BS	Centro National University, Huancayo, Peru	Utah State University <i>Reproduction</i>	1/1985 - 1/1986
Sali , Laaziza	Morocco	M	MS*	National School of Agriculture, Meknes, Morocco	North Carolina State University <i>Nutrition</i>	10/1986 - 9/1987
Santos , Maximiano	Peru	M	Ing. Agr.	Centro National University, Huancayo, Peru	Montana State University	3/1982 - 3/1985
Saounoun , Abdelatif	Morocco	M	MS*	IAV, Hassan II, Rabat, Morocco	North Carolina State University <i>Nutrition</i>	10/1981 - 7/1982
Sembering , Elianor	Indonesia	F	MS	IPB University Bogor, Indonesia	Winrock International <i>Economics</i>	6/1993 - 6/1994
Semega , Djibril	Mali	M	Ing. Agr.	National School of Agriculture, Meknes, Morocco	North Carolina State University	10/1983 - 7/1984
Setiadi , M.	Indonesia	M	MS	IPB University, Bogor, Indonesia	University of California, Davis <i>Breeding</i>	4/1981 - 3/1983
Setiadi , Bambang	Indonesia	M	PhD	IPB University, Bogor, Indonesia	<i>Breeding</i>	7/1989 - 12/1992
Silva , Angostine	Peru	M		Instituto Nacional de Investigacion Agraria y Agroindustrial, Peru	Texas Tech University <i>Range Management</i>	1/1985 - 12/1987

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Name	Citizenship	Gender	Degree	Degree Institution	Supporting Institution & CRSP Program	Training Duration
Sitorus , Marudin	Indonesia	F	PhD	Bogor Agricultural Institute, Indonesia	North Carolina State University <i>Nutrition</i>	9/1983 - 9/1986
Solano , J.	Peru	M	BVM	San Marcos University, Peru	Colorado State University <i>Animal Health</i>	6/1984 - 6/1985
Soto , L.	Peru	F	MS	Universidad Nacional Agraria , La Molina, Peru	Texas Tech University <i>Range Management</i>	1/1982 - 5/1984
Soto , V.	Peru	F	MS	Univ. Pedro Ruiz Gallo, Lambayeque, Peru	Texas Tech University <i>Range Management</i>	1/1982 - 12/1982
Soto , Alberto	Peru	M	BVM	San Marcos University, Peru	Colorado State University <i>Animal Health</i>	4/1982 - 8/1982
Souza , Jose de	Brazil	M	MS	Federal University of Ceara, Brazil	Winrock International <i>Economics</i>	9/1980 - 2/1982
Sudaryanto ,	Indonesia	M	MS	IPB University, Bogor, Indonesia	North Carolina State University <i>Nutrition</i>	1/1986 - 1/1987
Sugiyanto , Agus	Indonesia	M	MS	IPB University, Bogor, Indonesia	Winrock International <i>Economics</i>	8/1980 - 12/1982
Tazi , M.	Morocco	M	MS	IAV, Hassan II, Rabat, Morocco	North Carolina State University <i>Nutrition</i>	1 - 2/1993

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Name	Citizenship	Gender	Degree	Degree Institution	Supporting Institution & CRSP Program	Training Duration
Tibary , Ahmed	Morocco	M	PhD	IAV, Hassan II, Rabat, Morocco	University of California, Davis <i>Breeding</i>	1/1983 - 1/1988
Torres , Raul	Peru	M	Ing. Agr.	Centro National University, Huancayo, Peru	Montana State University	1/1982 - 1/1984
Urbano , J.	Peru	M	MS	Universidad Nacional Agraria , La Molina, Peru	Texas Tech University <i>Range Management</i>	1/1984 - 12/1985
Uruchupaico , Ide	Peru	M	Ing. Agr.	Centro National University, Huancayo, Peru	Montana State University	1/1982 - 1/1984
Valderi , Vieira da Silva	Brazil	F	MS	Federal University of Ceara, Brazil	Winrock International <i>Economics</i>	8/1981 - 8/1983
Valer , Charo	Peru	M	MS	National Agrarian University, Lima, Peru	Winrock International <i>Economics</i>	1/1984 - 1/1985
Vasquez , Nelly	Brazil	F	Ing. Agr.	National Agrarian University, Lima, Peru	Winrock International <i>Economics</i>	6/1980 - 8/1983
Vega , Pilar	Peru	F	BS	University of San Augustin, Peru	University of Missouri-Columbia <i>Sociology</i>	8/1983 - 7/1984
Velarde , Ruben	Peru	M	Lic.	National Agrarian University, Lima, Peru	Winrock International <i>Economics</i>	1/1980 - 12/1983

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Name	Citizenship	Gender	Degree	Degree Institution	Supporting Institution & CRSP Program	Training Duration
Victoria , Zulma	Bolivia	F	Ing. Agr.	Universidad Autonoma Tomas Frias, Potosi, Bolivia	Texas Tech University	2/1992 - 5/1994
Villa , R.	Peru	M	MS	Universidad Nacional Agraria , La Molina, Peru	Texas Tech University <i>Range Management</i>	1/1984 - 5/1986
Villanueva , Betty	Bolivia	F	Ing. Agr.	Universidad Tecnica de Oruro, Oruro, Bolivia	Texas Tech University	2/1992 - 5/1994
Wahyuni , Sri	Indonesia	F	MS	IPB, Bogor, Indonesia	University of Missouri-Columbia <i>Sociology</i>	9/1985 - 8/1989
Wanderley , A.	Brazil	M	MS	University of Paraiba, Brazil	Texas A&M University <i>Economics</i>	12/1984 - 5/1985
Zirak , Naima	Morocco	F	MS*	National School of Agriculture, Meknes, Morocco	North Carolina State University <i>Nutrition</i>	10/1986 - 9/1987

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SR-CRSP Sponsored Conferences, Workshops and Short Courses

Course	Supporting Institution	Location	Date
Sheep Management	University of California, Davis	Bogor, Indonesia	June 1980
Sheep Production	Univ. of Calif., Davis/ North Carolina State Univ./ Univ. of Missouri-Columbia	Bogor, Indonesia	July 1980
Reproduction	Utah State University	Sobral, Brazil	September 1980
Economic Data Design, Collection, Analysis, and Report	Winrock International	Bogor, Indonesia	1981 - 1984
Animal Management and Data Collection	Montana State University	Peru	1981 - 1985
Training: Veterinary Laboratory Techniques	Colorado State University	Lima, La Raya, Sais Tupac, Amaru, Peru	1981-1983
Management of Reproduction	Utah State University	Lima, Peru	March 1981
Forage-Vegetation Sampling	Utah State University	Sobral, Brazil	May 1981

Course	Supporting Institution	Location	Date
Nutrition Laboratory Techniques	North Carolina State University	Sobral, Brazil	May 1981 - December
Veterinary Laboratory Techniques	Washington State University	Kabete, Kenya	June 1981
Animal Health Laboratory: Equipping and Teaching Techniques	Washington State University	Kabete, Kenya	June 1981
Animal Breeding	Montana State University	Lima, Peru	November 1981
Semen Processing and Artificial Insemination	California Polytechnical State University	Kabete, Kenya	1982
Training: Pathology & Immunology Laboratory	Colorado State University	Lima, Peru	February 1982
Diet Analysis Techniques	Utah State University	Sobral, Brazil	March 1982
Small Ruminant CRSP, 1st Annual Scientific Workshop	SR-CRSP	Nairobi, Kenya	March 1982

Course	Supporting Institution	Location	Date
Animal Breeding & Systems	Texas A&M University	Sobral, Brazil	May 1982
Nutrition Part I: Nutrition Update for Sheep and Goats	North Carolina State University	Sobral, Brazil	July 1982
Sheep and Goat Management and Record Keeping	University of California, Davis	Western Java	July 1982 - July 1983
Nutrition Part II: Practical Training in Feed Analysis Procedures	North Carolina State University	Sobral, Brazil	August 1982
Management & Improvement of Natural Pastures	Texas Tech University	Lima, Peru	August 1982
Goat Milk Processing and Cheesemaking	Winrock International	Maseno, Kenya	October 1982
Microbiological Laboratory Procedures	University of California, Davis	Sobral, Brazil	1983
Animal Experimentation Procedures for Trainees	Texas A&M University	Pendencia, Brazil	January 1983

Course	Supporting Institution	Location	Date
Small Ruminant CRSP, 2nd Annual Scientific Workshop	SR-CRSP	Nairobi, Kenya	March 1983
Goat Management and Feed Production	Winrock International	Maseno, Kenya	March 1983
Range Shortcourse for Professional Agriculturalists in the Southern Sierra	Texas Tech University	Puno, Peru	April 1983
Socio-Economic Research Techniques for Livestock in Asia	International Development Research Center (Canada) and Winrock International	Bangkok, Thailand	April 1983
Small Ruminant CRSP, 3rd Annual Scientific Workshop	SR-CRSP	Nairobi, Kenya	March 1984
Small Ruminant CRSP, 4th Annual Scientific Workshop	SR-CRSP	Nairobi, Kenya	March 1985
Livestock Feed Production and Preservation	Winrock International	Maseno, Kenya	April 1985
Systems Analysis: Short Course	Texas A&M University	College Station, TX	June 1985

Course	Supporting Institution	Location	Date
Systems Analysis: Peruvian Sheep Production	Texas A&M University	College Station, TX	July 1985
Range Sampling Procedures	Utah State University	Sobral, Brazil	July 1985
SR-CRSP Sheep and Goat Models in IBM Personal Computers	Texas A&M University	Kabete, Kenya	November 1985
Small Ruminant CRSP, 5th Annual Scientific Workshop	SR-CRSP	Nairobi, Kenya	March 1986
State of the Art Workshop	SR-CRSP, Brazil	Brazil	April 1986
Texas A&M Sheep and Goat Models for Simulation	Texas A&M University	Texas	August 1986
Role of Small Ruminants in the Humid Tropics	International Development Reserach Center (Canada) & International Agric. Research Center and SR-CRSP	Indonesia	October 1986
IV International Goat Conference	SR-CRSP	Brazil	March 1987

Course	Supporting Institution	Location	Date
Small Ruminant CRSP, 6th Annual Scientific Workshop	SR-CRSP	Nairobi, Kenya	March 1987
Workshop: Sheep Production Manual	University of California , Davis	Morocco	January 1988
Use of Microcomputers in Animal Agriculture	Montana State University	Peru	April 1988
Actualization of Microcomputer Use for Applied Analysis in Animal Production	Colorado State University	Peru	April 1988
Animal Management for Sheep Grazing in Rubber Plantations	North Carolina State University	Sei Putih, Indonesia	January 1989
Small Ruminant CRSP, 7th Annual Scientific Workshop	SR-CRSP	Nairobi, Kenya	March 1989
Workshop: Range Management and Animal Nutrition	North Carolina State University	Cuzco and Lima, Peru	January 1990
Small Ruminant CRSP, 8th Annual Scientific Workshop	SR-CRSP	Nairobi, Kenya	March 1990

Course	Supporting Institution	Location	Date
Workshop: Radioisotopes use in Molecular Genetics	The National Agarian University/International Atomic Energy Commission/SR-CRSP		May 1990
Short Course: Polymerase Chain Reaction	USAID/Washington	Washington D.C.	September 1990
Workshop: Integrated Tree Cropping and Small Ruminant Production Systems (IPS)	IPS/SR-CRSP	Medan, North Sumatra	September 1990
Workshop: Integrated Tree Cropping & Small Ruminant Production Systems	SR-CRSP	Medan, Indonesia	September 1990
Workshop: Research results of the SR-CRSP in Peru	SR-CRSP	Cuzco, Peru	September 1990
Workshop: Grantsmanship and Development of Competitive International Projects	RERUMEN/Winrock International	Lima, Peru	December 1990
Small Ruminant CRSP, 9th Annual Scientific Workshop	SR-CRSP	Nairobi, Kenya	March 1991
Embryo Transfer Research Program	Texas A&M University	Kenya	May 1991

Course	Supporting Institution	Location	Date
Workshop: Technical Assistance to the Small Producers: The Chilean Experience	RERUMEN/INIA-Chile	Santiago, Chile	November 1991
Workshop: Research on Andean Agropastoralism	Texas Tech UMC/Winrock International	Coroico, Bolivia	January 1992
Training: Virology, Immunology, and Molecular Biology	SR-CRSP	Kenya	January 1992
Short Course: Sheep Husbandry and Management	SR-CRSP/ North Carolina State University	Malaysia	January 1992
Tour: Sheep Production and Integration into Tree Crop Plantations	SR-CRSP	Malaysia	January 1992
Short Course: Developing, Marketing, and Writing Research Project Grant Proposals	SR-CRSP	Winrock, Petit Jean Mountain	January 1992
Symposium: Sustaining Agropastoral Systems in the Bolivian Altiplano	Texas Tech University	Texas Tech	January 1992
Small Ruminant CRSP, 10th Annual Scientific Workshop	SR-CRSP	Nairobi, Kenya	March 1992

Course	Supporting Institution	Location	Date
Training: Program in Embryo Transfer	Texas A&M University	Texas A&M /Prairie View A&M	October 1992
Small Ruminant CRSP, 11th Annual Scientific Workshop	SR-CRSP	Nairobi, Kenya	March 1993
Advances in Small Ruminant Research in Indonesia	SR-CRSP	Bogor, Indonesia	August 1993
Small Ruminant Workshop	SR-CRSP	San Juan, Puerto Rico	September 1993
Small Ruminant CRSP, 12th Annual Scientific Workshop	SR-CRSP	Nairobi, Kenya	March 1994
Strategic Development for Small Ruminant Production in Asia and Pacific	SR-CRSP	Bali, Indonesia	July 1994

SR-CRSP Support for Training and Attendance at Professional Meetings

Name	Training/Conference	US Supporting Institution	Date
Alarcon , V.	V International Convention : South American Camelids, Cusco, Peru	Utah State University	January 1985
Alarcon , V.	VIII Annual Meeting: Peruvian Association of Animal Production, Huancayo, Peru	Utah State University	January 1985
Aleina , Ricardo	Workshop: Research Methodologies for Small Ruminant Research in the Interandean Valleys of South America	University of Wisconsin-Madison	August 1993
Ameghino , E.	Ford Animal Veterinary Medicine Meetings and new methodology at UCD, WSU, and CSU	Colorado State University	March 1983
Astorga , J.	ALPA Meetings	Winrock International	April 1986
Berkat , Omar	International Society for Range Management	Texas Tech University	February 1986
Boujenane , Ismail	Third World Congress: Sheep and Beef Cattle Breeding, Paris	University of California, Davis	June 1988
Boujenane , Ismail	NC 111 Regional Research Meeting, Corvallis, Oregon	University of California, Davis	June 1989

Name	Training/Conference	US Supporting Institution	Date
Boujenane , Ismail	Sheep and goat management at UC Davis and UC Hopland Field Station	University of California, Davis	June 1989
Bourfia , Mohamed	Second World Merion Conference, Madrid, Spain	University of California, Davis	April 1986
Bravo , Walter	ASAS Annual meeting, University of Georgia, Athens, Georgia	Utah State University	January 1985
Caletti , E.	New research planning at CSU and Nat'l Disease Center, Ames, Iowa, in field of cell-associated virus isolation and cell culture	Colorado State University	January 1980
Callacna , M.	Goat Production in the Tropics	Peru Goat Project/Kellogg Foundation/AID	February 1983
Camacho , J.	VIII Annual Meeting: Peruvian Association of Animal Production, Huancayo, Peru	Utah State University	January 1985
Camacho , J.	II International short course: Sheep Production, APPA, Huancayo, Peru	Utah State University	November 1985
Cardenas , Horatio	V International Convention: South American Camelids, Cusco, Peru	Utah State University	January 1985
Cardenas , Horatio	VIII Annual Meeting: Peruvian Association of Animal Production, Huancayo, Peru	Utah State University	January 1985

Name	Training/Conference	US Supporting Institution	Date
Carpio , M.	Third International Congress: Geneiics Applied to Livestock, Lincoln, Nebraska	Montana State University	July 1986
Cordero , T.	Methodology of Livestock Systems Research, Pucallpa, Peru	Peru Goat Project/IDRC	January 1982
Cordero , T.	Methodology of Livestock Systems Research, CATIE, Costa Rica	Peru Goat Project/IDRC	February 1983
Danilon , J.	Trainee at CNPC	North Carolina State University	January 1984
Djajanegara , A.	Nutrition Laboratory Procedures	North Carolina State University	
El Aich , Ahmed	American Society of Animal Science, Manhattan, Kansas	Texas Tech University	July 1986
El Aich , Ahmed	Preparation of Scientific Materials	Utah State University	August 1988
Farfan , Ramiro	IVth International Meeting: South American Camelids, Punta Arenas, Chile	Texas Tech University	November 1981
Farfan , Ramiro	ALPA Meetings	Winrock International	April 1986

Name	Training/Conference	US Supporting Institution	Date
Figueirido , E.	Third International Conference: Goat Production and Disease, Tucson, Arizona	Texas A&M University	January 1982
Florez , Arturo	International Society for Range Management , Calgary, Canada and Albuquerque, NM	Texas Tech University	January 1982
Florez , Arturo	International Society for Range Management	Texas Tech University	February 1986
Gamarra , M.	Third International Congress: Genetics Applied to Livestock, Lincoln, Nebraska	Montana State University	July 1986
Gatenby , Ruth	Conference: Livestock Production and Diseases in the Tropics	University of California, Davis	August 1986
Ginting , Simon	International Conference: Advances in Animal Feeds and Feeding	North Carolina State University	April 1987
Guessous , Fouad	American Society of Animal Science, Manhattan, Kansas	University of California, Davis	July 1986
Guimaraes , W.	Research Techniques, Nutrition at CNPC, Sobral	North Carolina State University	February 1986
Gutierrez , Nestor	ALPA Meetings	Winrock International	April 1986

Name	Training/Conference	US Supporting Institution	Date
Handayani , Sri Wening	Conference: Livestock Production and Diseases in the Tropics	University of California, Davis	August 1986
Handayani , Sri Wening	Conferences: Advances in Animal Feeds and Feeding in the Tropics	University of California, Davis	August 1986
Haryanto , Budi	World Animal Production Congress, Finland	North Carolina State University	June 1988
Higaona , R.	Tropical Forages Course at CATI, Costa Rica	Peru Goat Project/Kellogg Foundation	February 1983
Huaman , D.	New Approaches to Isolation and Characterization of Bacterial Toxins at CSU	Colorado State University	July 1980
Kabbali , Ahmed	American Society of Animal Science, Athens, Georgia	North Carolina State University	August 1985
Kabbali , Ahmed	Morocco Techpack, Univ. of Calif., Davis	University of California, Davis	December 1987
Ketaren , P.	Conference: Grazing Small Ruminants under Rubber Trees, Kuala Lumpur, Malaysia	University of California, Davis	November 1985
Kusnadi , U.	English Training Course	Winrock International	

Name	Training/Conference	US Supporting Institution	Date
Lahlou-Kassi , Abdellatif	Planning Workshop: Agricultural Networks, ICARDA & AID, Jordan	University of California, Davis	March 1985
Lahlou-Kassi , Abdellatif	Symposium: Sheep Production, European Association on Animal Production	University of California, Davis	September 1985
Lahlou-Kassi , Abdellatif	Third International Congress: Genetics Applied to Livestock, Lincoln, NE	University of California, Davis	July 1986
Lahlou-Kassi , Abdellatif	World Animal Production Congress, Finland	University of California, Davis	June 1988
Lemli , B.	Annual Meeting: European Association of Animal Production, Lisbon	University of California, Davis	September 1987
Lloassa , V.	V International Convention: South American Camelids, Cusco, Peru	Utah State University	January 1985
Lloassa , V.	VIII Annual Meeting: Peruvian Association of Animal Production, Huancayo, Peru	Utah State University	January 1985
Loyaza , Oscar	Workshop: Methodologies for Small Ruminant Research in the Interandean Valleys of So. America	University of Wisconsin-Madison	August 1993
Mahdi , M.	Training: Social Science Research Methods and Theory	Missouri	June 1986

Name	Training/Conference	US Supporting Institution	Date
Mathuva , Moses	Course: Forage Analysis and Animal Nutrition, Addis Ababa	Winrock International	
Mesquita , R.	Society for Range Management, Orlando, Florida	Utah State University	February 1986
Mukhebi , A.	ILCA Workshop: Livestock Farming Systems, Addis Ababa, Ethiopia	Winrock International	June 1985
Mukhebi , A.	FSSP Workshop AHEA Meeting	Winrock International	July 1985
Muljadi , Agus	Third International Conference: Goat Production and Disease, Tucson, Arizona	Winrock International	January 1982
Narjisse , Hamid	Planning Workshop: Agricultural Networks, ICARDA & AID, Jordan	University of California, Davis	March 1985
Narjisse , Hamid	International Society for Range Management	Texas Tech University	February 1986
Novoa , Cesar	V International Convention: South American Camelids, Cusco, Peru	Utah State University	January 1985
Novoa , Cesar	VIII Annual Meeting: Peruvian Association of Animal Production, Huancayo, Peru	Utah State University	January 1985

Name	Training/Conference	US Supporting Institution	Date
Novoa , Cesar	VIII National Congress: Veterinary Sciences, Lima, Peru	Utah State University	January 1985
Otieno , Kenneth	Regional Training Workshop: Farming Systems Research CIMMYT in Zimbabwe	Winrock International	February 1984
Oyugi , L.	Farming Systems Research Workshop, University of Zimbabwe	Winrock International	September 1986
Pinares , Cesar	V International Convention: South American Camelids, Cusco, Peru	Utah State University	January 1985
Pinares , Cesar	VIII Annual Meeting: Peruvian Association of Animal Production, Huancayo, Peru	Utah State University	January 1985
Pitono , Djoko	Conference: Livestock Production and Diseases in the Tropics	University of California, Davis	August 1986
Quijandria , B.	Methodology: Livestock Systems Research , Pucallpa, Peru	Peru Goat Project/IDRC	January 1982
Quijandria , B.	Methodology of Livestock Systems Research , CATIE, Costa Rica	Peru Goat Project/IDRC	February 1983
Rihani , N.	Seminar: "Mediterranean Forages and By-Products" (Montpellier, France)	University of California, Davis	July 1990

Name	Training/Conference	US Supporting Institution	Date
Rivera , Linda	Training: Veterinary Virology Diagnostics, S. Dakota State University Lab	Colorado State University	January 1984
Sabrani , M.	First Asian-Australian Animal Production Congress, Kuala Lumpur	Winrock International	September 1980
Sabrani , M.	Third International Conference: Goat Production and Disease, Tucson, Arizona	Winrock International	January 1982
Sabrani , M.	IDRC Conference: "Livestock in Asia: Issues and Policies," Singapore	Winrock International	February 1982
Sabrani , M.	Second Asian-Australian Animal Production Congress, Manila, Philippines	Winrock International	November 1982
Sanchez , M.	Malaysian Animal Production Society Meeting	North Carolina State University	March 1989
Sitorus , P.	Asian Association of Animal Science	University of California, Davis	May 1985
Soedjana , Tjeppy	Technical Writing in English	Winrock International	January 1983
Subandriyo ,	Sheep and Goat Management and Recordkeeping at UCD and UC Hopland Field Station	University of California, Davis	January 1981

Name	Training/Conference	US Supporting Institution	Date
Subandriyo ,	Conference: Livestock Production and Diseases in the Tropics	University of California, Davis	August 1986
Subandriyo ,	International Goat Conference, Brazil	University of California, Davis	March 1987
Sumar , J.	V International Convention: South American Camelids, Cusco, Peru	Utah State University	January 1985
Sumar , J.	VIII Annual Meeting: Peruvian Association of Animal Production, Huancayo, Peru	Utah State University	January 1985
Sumar , J.	Symposium: Use of Nuclear Techniques in Studies of Animal Production and Health in Different Environments, Vienna, Austria	Management Entity	March 1986
Tejada , Einstein	2nd Central American and Caribbean Seminar on Agroforestry and Ruminants	University of Wisconsin-Madison	November 1993
Tibary , Ahmed	International Reproduction Conference, Dublin	University of California, Davis	June 1988
Tiesnamurti , Bess	Malaysian Animal Production Society Meeting	University of California, Davis	March 1989
Villalta , Pedro	ASAS Annual Meeting, University of Georgia, Athens, Georgia	Utah State University	January 1985

Name	Training/Conference	US Supporting Institution	Date
Villaroel , Juan	Workshop: Research Methodologies for Small Ruminant Research in the Interandean Valleys of South America	University of Wisconsin-Madison	August 1993
Villena , F.	Tropical Forages Course at CATI, Costa Rica	Peru Goat Project/Kellogg Foundation	
Vivanco , Henry	Radioimmunoassay Techniques, International Atomic Energy Agency supported training in Peru and Vienna	Utah State University	January 1983
Vivanco , Henry	V International Convention: South American Camelids, Cusco, Peru	Utah State University	January 1985
Vivanco , Henry	VIII Annual Meeting: Peruvian Association of Animal Production, Huancayo, Peru	Utah State University	January 1985
Yorana , Guzman	Workshop: Research Methodologies for Small Ruminant Research in the Interandean Valley of South America	University of Wisconsin-Madison	August 1993
Zometa , C.	80th Annual Meeting of the American Dairy Science Association	Texas A&M University	June 1986

Employment and Honors of SR-CRSP Trainees

Name	Employment & Honors	Highest Degree	US Supporting Institution
Aboud , Abdillahi	Faculty, Egerton University, Kenya	PhD	University of Missouri-Columbia
Ahuya , C.	Research Scientist, KARI	MS	Texas A&M University
Anderson , Val	Faculty, Brigham Young University	MS	Utah State University
Arevelo , Elisabeth	N.S.F. Post-Doctoral Fellow, Rice University	PhD	Texas A&M University
Bari , Johnson	Station Director, Ministry of Livestock & Agricultural Development, Kenya	MS	Washington State University
Berkat , Omar	Faculty, Institute Vet. Agrono. Hassan II, Morocco	PhD	Utah State University/Texas Tech
Bhebe , Evison	Professor, University of Zimbabwe	PhD	Texas A&M University

Name	Employment & Honors	Highest Degree	US Supporting Institution
Bojorquez , Custodio	Research Scientist, IVITA, Peru	MS	Texas Tech University
Bourfia , Mohamed	Scientist, IAV, Morocco	PhD	University of California, Davis
Brown , Corrie	Head of Pathology, U.S.D.A.	PhD	University of California, Davis
Buntinx , Silvia	PhD candidate. Runner up, Awards Competition paper, American Society of Animal Science, Southern Section.	MS	North Carolina State University
Burstein , Helaine	Assistant Professor, Central Carolina Community College	PhD	North Carolina State University
Cai , Li	PhD candidate. Developing world's first Bacterial Artificial Chromosome Library in Bovine (BAC)	MS	Texas A&M University
Carey , Jim	County Extension Agent, Colorado	MS	Texas Tech University

Name	Employment & Honors	Highest Degree	US Supporting Institution
Clark , Dana	Veterinarian, Private practice	MS	Utah State University
Driggins , Kelly	Soil Conservation Services, State Branch: Forage Agriculture and Soils Stability, NC	MS	North Carolina State University
Dugan , Kathy	Cooperative Extension Regional Agent. Swine Waste Management and Goat Production, NC.	MS	North Carolina State University
East , Nancy	Faculty , University of California, Davis	MS	University of California, Davis
El Aich , Ahmed	Faculty, Institute Vet. Agrono. Hassan II	PhD	Utah State University
Garmendia , Antonio	Scientist, U.S.D.A., ARS, Plum Island Disease, Greenport, N.Y.	PhD	Washington State University/Colorado
Hardesty , Linda	Faculty, Washington State University	PhD	Utah State University

Name	Employment & Honors	Highest Degree	US Supporting Institution
Haryanto , Budi	Research Scientist, BPT-Bogor, Indonesia	PhD	North Carolina State University
Haryanto , Budi	Research Scientist, BPT-Bogor, Indonesia	PhD	North Carolina State University
Haryanto , Budi	Research Scientist, BPT-Bogor, Indonesia	PhD	North Carolina State University
Inounu , Ismeth	Research Scientist, BPT-Bogor, Indonesia	PhD	World Bank Fellowship/ University of California, Davis
Jamtgaard , Keith	Faculty, Montana State University	PhD	University of Missouri-Columbia
Jones , Matt	Range Cattle Manager, Texas	MS	Texas A&M University
Kihara , Stanley	Resident Scientist, KARI	MS	Washington State University

Name	Employment & Honors	Highest Degree	US Supporting Institution
Kirmse , Robert	FAO, Rome	PhD	Utah State University
Kogi , Joseph	Resident Scientist, SR-CRSP Breeding Project, Kenya	MS	Texas A&M University
Lairmore , Michael	Faculty, Ohio State University	PhD	Colorado State University
Lentz , Ellen	Director of Statistics, Phizer Pharmaceutical Company	PhD	Texas A&M University
Lipner , Michele	Private Consultant, United Methodist Church, Republic of Georgia	PhD	University of Missouri-Columbia
Luginbuhl , Jean-Marie	Research Associate, North Carolina State University	PhD	North Carolina State University
Mbabu , Adiel Nkonge	Resident Scientist, leadership of the socio/economic group, KARI	PhD	University of Missouri-Columbia

Name	Employment & Honors	Highest Degree	US Supporting Institution
Mbwiria , Stanley	Research Scientist, Ministry of Research & Technology, Kenya	MS	Washington State University
Merkel , Roger	Resident Scientist, Nutrition, SR-CRSP, Indonesia	PhD	North Carolina State University
Mole , Jane	Scientist, U.S. Sheep Station	PhD	Utah State University
Mwamachi , Derrick	Research Scientist, Ministry of Research & Technology, Kenya	MS	Washington State University
Njanja , James	Research Scientist, UNESCO, Kenya	MS	Washington State University
Novoa , Cesar	Veterinary Faculty, Universidad Mayor, San Marcos, Peru	PhD	Utah State University
Padilha , C.	Scientist, EMBRAPA, Brazil	PhD	University of California, Davis

Name	Employment & Honors	Highest Degree	US Supporting Institution
Perevolotsky , Avi	Environmental Protection Agency, Israel	PhD	University of Missouri-Columbia
Quiroz , Roberto	Research Scientist, IDRC (Canada), in Boliva	PhD	North Carolina State University
Ramirez , Antonio	Faculty, Universidad Mayor , San Marcos, Peru	PhD	Colorado State University
Rosadio , Raul	Faculty, Universidad Mayor, San Marcos, Peru	PhD	Colorado State University
Schoenian , Susan	Extension Agent, Maryland	MS	Montana State University
Simplicio , Aurino	Scientist, National Goat Center, Brazil	PhD	Utah State University
Snowder , Gary	U.S.D.A. Sheep Research Center, Dubois, ID	PhD	Texas A&M University

Name	Employment & Honors	Highest Degree	US Supporting Institution
Suda , Collette	Faculty, University of Nairobi, Kenya	PhD	University of Missouri-Columbia
Swindale , Anne	International Potato Center (CIP), Dominican Republic	MS	Winrock International
Tallum , Steven	Faculty, Egerton University, Kenya	MS	Texas A&M University
Tiesnamurti , Bess	Scientist, BPT, Sei-Putih, Indonesia	MS	World Bank Fellowship
Villata , Pedro	Faculty, Puno, Peru	MS	Utah State University
Vivanco , Henry	Private Industry, New Zealand	PhD	Calif. Polytech. State University
Waghela , Suryakant	Research Scientist, Ministry of Research & Technology, Kenya	PhD	Washington State University