

Educational Activities



Year 25 Educational Activities

INTSORMIL gives high priority to training host country scientists who will have major responsibilities for sorghum and millet research in their home countries. Training is also provided for young U.S. scientists who plan for careers in international development work.

The most frequently used mode of training is graduate study for advanced degrees, with the students' research forming an integral part of an INTSORMIL project. During the year covered by this report, 49 students from 19 different countries were enrolled in an INTSORMIL advanced degree program. Approximately 71% of these students come from countries other than the U.S. which shows the emphasis placed on host country institutional development (Figure 1).

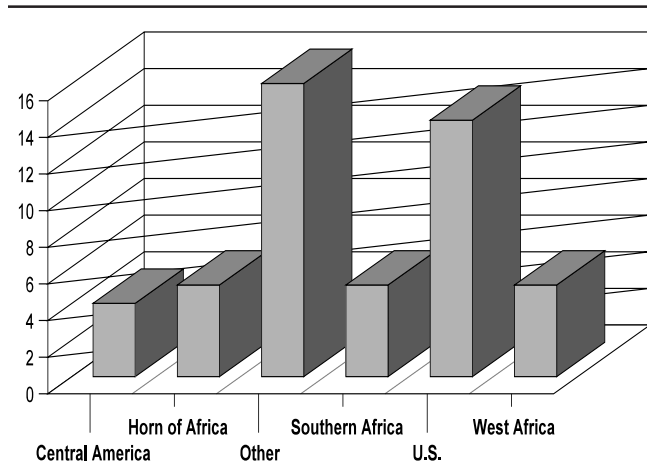


Figure 1. Degree Participants by Region

INTSORMIL also places a high priority on training women which is reflected in Figure 2. In 2003-2004, 18% of all INTSORMIL graduate participants were female. Ten of the total 49 students received full INTSORMIL scholarships. An additional 35 students received partial INTSORMIL funding and the remaining four students were funded from other sources as shown in Figure 3.

All 49 students worked directly with INTSORMIL principal investigators on INTSORMIL projects. These students are enrolled in graduate programs in eight disciplinary areas, agronomy, animal nutrition, breeding, pathology, entomology, food quality, economics, and molecular biology.

The number of INTSORMIL funded students has decreased gradually over the years. This is related to decreases in program budget and lower numbers of U.S. principal investigators. In 1993-94 there were 25 U.S. PIs with the program and in 2003-2004 there were 18.

Graduate degree programs and short-term training programs have been designed and implemented on a case by case

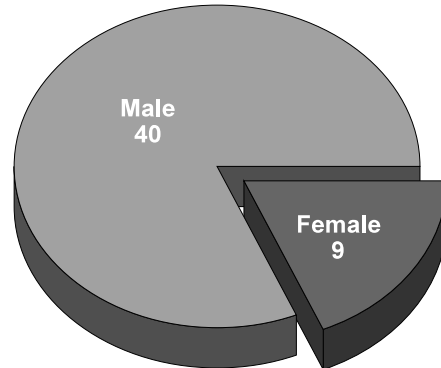


Figure 2. Degree Participants by Gender

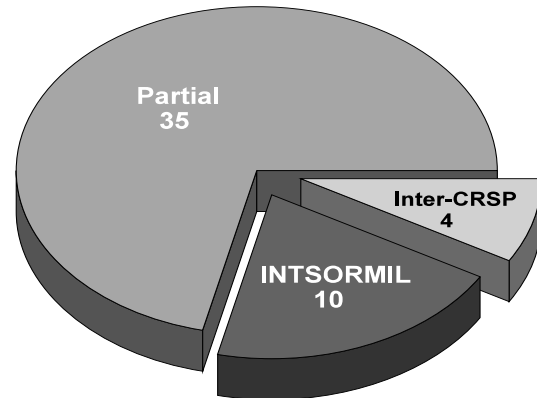


Figure 3. Degree Participants Funding

basis to suit the needs of host country scientists. Six post doctoral scientists and 14 visiting host country scientists were provided the opportunity to upgrade their skills in this fashion during 2003-2004.

Figure 4 is a compilation of all INTSORMIL training activities by discipline for the period July 1, 2003 through June 30, 2004.

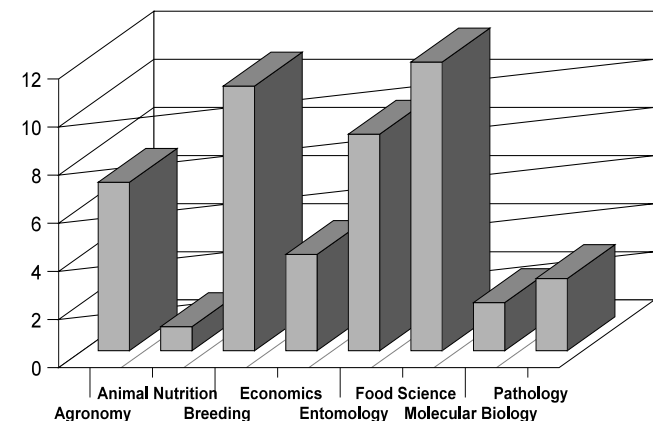


Figure 4. Degree Participants by Discipline

**Year 25 INTSORMIL Degree
Training Participants
July 1, 2003 - June 30, 2004**

Name	Country	Univ.	Discipline	Advisor	Degree	Gender	Funding
Garcia, Juan Pablo	Colombia	UNL	Agronomy	Wortmann/Mamo	MSC	M	P
Kathol, Delon	U.S.	UNL	Agronomy	Mason	MSC	M	P
Kaye Mady, Nanga	Chad	UNL	Agronomy	Mason	MSC	M	P
Miller, Greg	U.S.	UNL	Agronomy	Wortmann/Mamo	MSC	M	P
Tesfahunen, G.B.	Ethiopia	UNL	Agronomy	Wortmann/Mamo	MSC	M	P
Xerinda, Soares	Mozambique	UNL	Agronomy	Wortmann/Mamo	MSC	M	IC
Quincke, Andreas	Uruguay	UNL	Agronomy	Wortmann/Mamo	PHD	M	P
Baudon, Edouard	France	KSU	Animal Nutrition	Hancock	MSC	M	P
Kaufman, Rhett	U.S.	KSU	Breeding	Tuinstra	MSC	M	P
McCartor, Kayla	U.S.	TTU	Breeding	Rosenow	MSC	F	P
Mutaliano, Joaquim	Mozambique	TAM	Breeding	W. Rooney	MSC	M	IC
Pandravada, S.	U.S.	KSU	Breeding	Tuinstra	MSC	M	P
Stamm, Michael	U.S.	KSU	Breeding	Tuinstra	MSC	M	P
Teme, Niaba	Mali	TTU	Breeding	Peterson/Rosenow	MSC	M	P
Franks, Cleve	U.S.	TAM	Breeding	W. Rooney/Rosenow	PHD	M	P
Knoll, Joseph	U.S.	PRF	Breeding	Ejeta	PHD	M	I
Krishnamorthy, G.	India	TAM	Breeding	W. Rooney/Rosenow	PHD	M	P
Teme, Niaba	Mali	TTU	Breeding	Rosenow	PHD	M	I
Wordoffa, Zenbaba	Ethiopia	PRF	Breeding	Ejeta	PHD	M	P
Baquedano, Felix	Nicaragua	PRF	Economics	Sanders	MSC	M	P
Uaiene, Rafael	Mozambique	PRF	Economics	Sanders	PHD	M	IC
Wubeneh, Nega	Ethiopia	PRF	Economics	Sanders	PHD	M	I
Yigezu, Yigezu	Ethiopia	PRF	Economics	Sanders	PHD	M	I
Ayyanath, M.	India	WTU	Entomology	Pendleton	MSC	M	P
Chitio, Fernando	Mozambique	WTU	Entomology	Pendleton	MSC	M	IC
Sambaraju, Kishan	India	WTU	Entomology	Pendleton	MSC	M	P
Traore, Tiecoura	Mali	WTU	Entomology	Pendleton	MSC	M	I
Veerabomma, Suresh	India	WTU	Entomology	Pendleton	MSC	M	P
Gorena, Roberto	U.S.	TAM	Entomology	Peterson	PHD	M	P
Johnson, Zeledon	Nicaragua	MSU	Entomology	Pitre	PHD	M	I
Parado Jaco, Mario	El Salvador	MSU	Entomology	Pitre	PHD	M	I
Pichard, Sergio	Nicaragua	MSU	Entomology	Pitre/Clafin	PHD	M	P
Acosta, David	Mexico	TAM	Food Science	L. Rooney	MSC	M	P
Barron, Marc	U.S.	TAM	Food Science	L. Rooney/M. Riaz	MSC	M	P
Barth, Alison	U.S.	PRF	Food Science	Hamaker	MSC	F	P
Cedillo, Guisselle	Mexico	TAM	Food Science	L. Rooney	MSC	F	P
de Castro, Angelina	Mexico	TAM	Food Science	L. Rooney	MSC	F	P
Gutierrez, Arturo	Mexico	TAM	Food Science	L. Rooney	MSC	M	P
Perez, Alejandro	Mexico	TAM	Food Science	L. Rooney	MSC	M	P
Turner, Duane	U.S.	TAM	Food Science	L. Rooney	MSC	M	P
Wortham, Lindsay	U.S.	TAM	Food Science	L. Rooney	MSC	F	P
Xu, Lisha	China	TAM	Food Science	L. Rooney	MSC	F	P
Bugusu, Betty	Kenya	PRF	Food Science	Hamaker	PHD	F	I
Dykes, Linda	U.S.	TAM	Food Science	L. Rooney/R. Waniska	PHD	F	P
Cho, Jae-Min	Korea	TAM	Molecular Biology	Magill	PHD	M	P
Katile, Seibe	Mali	TAM	Molecular Biology	Magill	PHD	M	I
Ditshipi, Phoebe	Botswana	UFS	Pathology	McLaren/Swart	PHD	F	I
Lee, Jin-Kwan	S. Korea	KSU	Pathology	Leslie	PHD	M	P
Salah, Amgad	Egypt	KSU	Pathology	Leslie	PHD	M	P

I = Completely funded by INTSORMIL P = Partially funded by INTSORMIL IC = InterCRSP funding

KSU = Kansas State Univ.

MSU = Mississippi State Univ.

PRF = Purdue Univ.

TAM = Texas A&M Univ.

TTU = Texas Tech Univ.

UNL = Univ. of Nebraska, Lincoln

USDA = Tifton, Georgia

WTU = W. Texas A&M Univ.

**Year 25 INTSORMIL Non-Degree
Training Participants
July 1, 2003 - June 30, 2004**

Name	Country	Univ.	Discipline	Advisor	Activity	Gender	Funding
Hess, Dale	U.S.	PRF	Breeding	Ejeta	PD	M	I
Tesso, Tesfaye	Ethiopia	PRF	Breeding	Ejeta	PD	M	P
Botorou, Ouendeba	Niger	USDA	Breeding	Wilson	VS	M	P
Kapran, Issoufou	Niger	PRF	Breeding	Ejeta	VS	M	I
Soumana, Souley	Niger	KSU	Breeding	Tuinstra	VS	M	I
Botorou, Ouendeba	Niger	PRF	Economics	Sanders	VS	M	I
Badiane, Djibril	Senegal	WTAMU	Entomology	Pendleton	VS	M	I
Baldé, Mamadou	Senegal	WTAMU	Entomology	Pendleton	VS	M	I
Diarisso, Niamoye	Mali	WTAMU	Entomology	Pendleton	VS	F	I
du Plessis, Hannalene	South Africa	WTAMU	Entomology	Pendleton	VS	F	I
Kadi Kadi, Hamé	Niger	WTAMU	Entomology	Pendleton	VS	M	I
Munthali, D.C.	Malawi	WTAMU	Entomology	Pendleton	VS	M	I
van den Berg, Johnnie	South Africa	WTAMU	Entomology	Pendleton	VS	M	I
Aboubacar, Adam	Niger	PRF	Food Science	Hamaker	PD	M	P
Benmoussa, Mustapha	Indonesia	PRF	Food Science	Hamaker	PD	M	P
Chandrashekar, A.	India	PRF	Food Science	Hamaker	VS	M	P
Taylor, John	South Africa	PRF	Food Science	Hamaker	VS	M	P
Saleh, Amgad	Egypt	KSU	Pathology	Leslie	PD	M	P
Zeller, Kurt	U.S.	KSU	Pathology	Leslie	PD	M	P
Jurgenson, Jim	U.S.	KSU	Pathology	Leslie	VS	M	P

VS = Visiting Scientist PD = Post Doctoral

**Year 25 INTSORMIL
Conference/Workshop Activities
July 1, 2003 - June 30, 2004**

Name	Location	Date	Participants		
			Male	Female	Total
PCCMCA Annual Meeting	San Salvador, El Salvador	April 16-20, 2004	13	1	14
West Africa Regional Meeting	Ougagdougou, Burkina Faso	April 18 - 21, 2004	55	5	60
African Sorghum & Millet Entomology	Ougagdougou, Burkina Faso	April, 2004	5	3	8
Scientific Workshop	Pretoria, South Africa	Nov. 5, 2003	25	20	45
Scientific Workshop	Stellenbosch, South Africa	Nov. 17, 2003	50	45	95
Scientific Workshop	Kota Baru, Malaysia	April 26, 2004	60	100	160
Scientific Workshop	Penang, Malaysia	April 28, 2004	130	160	290
Scientific Workshop	Butterworth, Malaysia	April 29, 2004	105	95	200
Scientific Workshop	Seoul, Korea	May 4, 2004	32	48	80
Scientific Workshop	Beijing, China	May 12, 2004	51	71	122
Scientific Workshop	Cotonou, Benin	May 31, 2004	40	4	44
TOTAL			553	551	1104

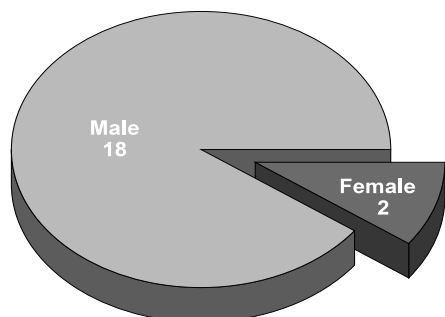


Figure 5. Total Non-Degree Participants by Gender

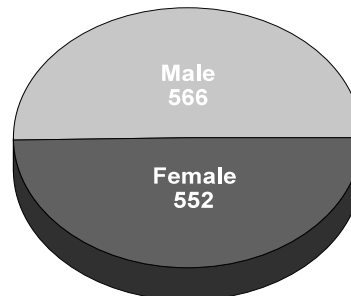


Figure 6. Total Conference/Workshop Participants by Gender

