

Educational Activities



Year 26 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, 62 students from 23 different countries were enrolled in an INTSORMIL advanced degree program. Approximately 69% of these students come from countries other than the U.S. which shows the emphasis placed on host country institutional development (Figure 1).

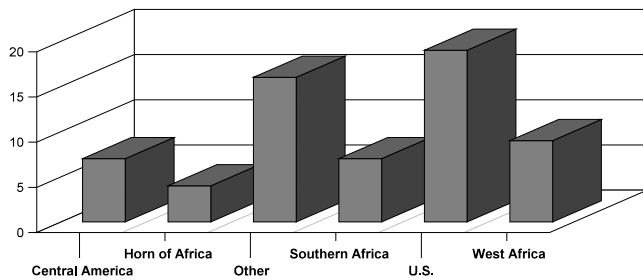


Figure 1. Degree Participants by Region.

INTSORMIL also places a high priority on training women which is reflected in Figure 2. In 2004-2005, 29% of all INTSORMIL graduate participants were female. Thirteen of the total 62 students received full INTSORMIL scholarships. An additional 45 students received partial INTSORMIL funding and the remaining four students were funded from other sources as shown in Figure 3.

All 62 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 the loss of U.S. principal investigators. In 1993-94 there were 25 U.S. PIs with the program and in 2004-2005 there were 19.

Graduate degree programs and short-term training programs have been designed and implemented on a case by case basis to suit the needs of host country scientists. One post doctoral scientist and 10 visiting host country scientists were provided

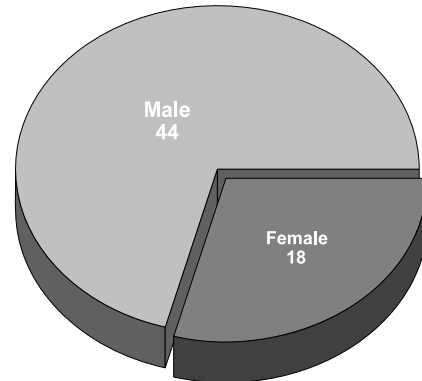


Figure 2. Degree Participants by Gender.

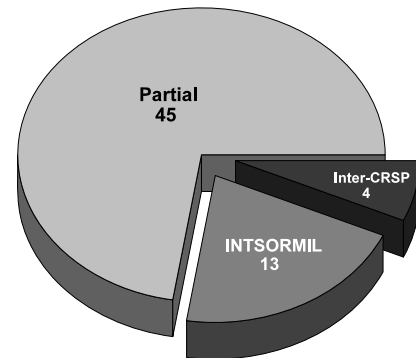


Figure 3. Degree Participants Funding.

the opportunity to upgrade their skills in this fashion during 2004-2005.

Figure 4 is a compilation of all INTSORMIL training activities by discipline for the period July 1, 2004 through June 30, 2005.

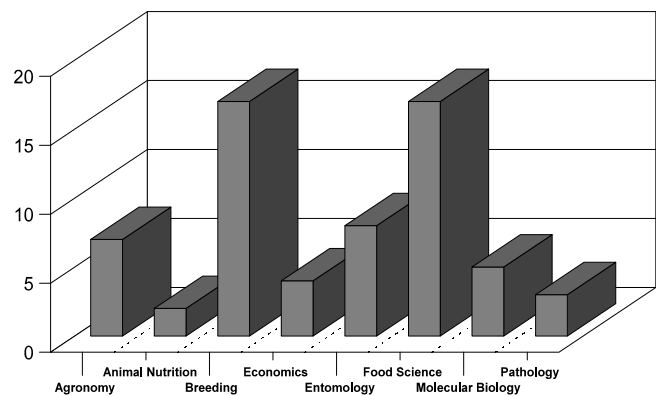


Figure 4. Degree Participants by Discipline.

Educational Activities

**Year 26 INTSORMIL Degree
Training Participants
July 1, 2004 - June 30, 2005**

Name	Country	Univ.	Discipline	Advisor	Degree	Gender	Funding
Garcia, Juan Pablo	Colombia	UNL	Agronomy	Wortmann/Mamo	MSC	M	P
Griess, Joni	U.S.	UNL	Agronomy	Mason	MSC	F	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
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
Monge, Cynthia	Costa Rica	KSU	Animal Nutrition	Hancock	MSC	F	P
Amusan, Idris	Nigeria	PRF	Breeding	Ejeta	MSC	M	P
Kaufman, Rhett	U.S.	KSU	Breeding	Tuinstra	MSC	M	P
Kuhlman, Les	U.S.	TAM	Breeding	W. Rooney	MSC	M	P
Mpofu, Leo	Zimbabwe	TAM	Breeding	W. Rooney	MSC	M	P
Mutaliano, Joaquim	Mozambique	TAM	Breeding	W. Rooney	MSC	M	IC
Pandravada, S.	U.S.	KSU	Breeding	Tuinstra	MSC	M	P
Ridder, Dunstan	U.S.	KSU	Breeding	Tuinstra	MSC	M	P
Soumana, Souley	Niger	KSU	Breeding	Tuinstra	MSC	M	I
Teme, Niaba	Mali	TTU	Breeding	Peterson	MSC	M	P
Bading, Ryan	U.S.	TAM	Breeding	W. Rooney	PHD	M	P
Gonzalez-Cruz, G.	Mexico	KSU	Breeding	Tuinstra	PHD	M	P
Knoll, Joseph	U.S.	PRF	Breeding	Ejeta	PHD	M	I
Krishnamorthy, G.	India	TAM	Breeding	W. Rooney	PHD	M	P
Mateo, Rafael	Honduras	TAM	Breeding	W. Rooney	PHD	M	I
Saballos, Ana	Nicaragua	PRF	Breeding	Ejeta	PHD	F	P
Teme, Niaba	Mali	TTU	Breeding	Peterson	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
Bheemappa, S.	India	WTU	Entomology	Pendleton	MSC	M	P
Chitio, Fernando	Mozambique	WTU	Entomology	Pendleton	MSC	M	IC
Telly, Madani	Mali	WTU	Entomology	Pendleton	MSC	M	P
Traore, Tiecoura	Mali	WTU	Entomology	Pendleton	MSC	M	I
Belete, Tebkew D.	Ethiopia	WTU	Entomology	Pendleton	PHD	M	P
Parado Jaco, Mario	El Salvador	MSU	Entomology	Pitre	PHD	M	I
Pichard, Sergio	Nicaragua	MSU	Entomology	Pitre	PHD	M	P
Boldt, Clayton	U.S.	TAM	Food Science	L. Rooney	BSC	M	P
Pope, Kim	U.S.	TAM	Food Science	L. Rooney	BSC	F	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
Calderon, Vilma	El Salvador	TAM	Food Science	L. Rooney	MSC	F	I
Cedillo, Guisselle	Mexico	TAM	Food Science	L. Rooney	MSC	F	P
de Castro, Angelina	Mexico	TAM	Food Science	L. Rooney	MSC	F	P
Guajardo, David	Mexico	TAM	Food Science	L. Rooney	MSC	M	P
Hines-Wortham, L.	U.S.	TAM	Food Science	L. Rooney	MSC	F	P
Moussa, Moustapha	Niger	PRF	Food Science	Hamaker	MSC	M	I
Perez, Alejandro	Mexico	TAM	Food Science	L. Rooney	MSC	M	P
Xu, Lisha	China	TAM	Food Science	L. Rooney	MSC	F	P
Yeung, Hway Seen	U.S.	TAM	Food Science	L. Rooney/R. Waniska	MSC	F	P
Angarawai, Ignatius	Nigeria	PRF	Food Science	Hamaker	PHD	M	P
Dykes, Linda	U.S.	TAM	Food Science	L. Rooney/R. Waniska	PHD	F	P
Guajardo, Sara	Mexico	TAM	Food Science	L. Rooney	PHD	F	P
Ngwenya Dlamini, N.	Zimbabwe	TAM	Food Science	L. Rooney/J. Taylor	PHD	F	P
Burns, Frederick	U.S.	TAM	Molecular Biology	Magill	MSC	M	P
Cho, Jae-Min	S. Korea	TAM	Molecular Biology	Magill	PHD	M	P
Katile, Seriba	Mali	TAM	Molecular Biology	Magill	PHD	M	I
Mason, Esten	U.S.	TAM	Molecular Biology	Hayes	PHD	F	I
Robbins, Adriana	Mexico	TAM	Molecular Biology	Hayes	PHD	F	P
Ditshipi, Phoebe	Botswana	UFS	Pathology	McLaren/Swart	PHD	F	I
Frank, Erin	U.S.	KSU	Pathology	Leslie	PHD	F	P
Lee, Jin-Kwan	S. Korea	KSU	Pathology	Leslie	PHD	M	P

I = Completely funded by INTSORMIL P = Partially funded by INTSORMIL IC = InterCRSP funding
KSU = Kansas State Univ. TAM = Texas A&M Univ. USDA = Tifton, Georgia
MSU = Mississippi State Univ. TTU = Texas Tech Univ. WTU = W. Texas A&M Univ.
PRF = Purdue Univ. UNL = Univ. of Nebraska, Lincoln

**Year 26 INTSORMIL Non-Degree
Training Participants
July 1, 2004 - June 30, 2005**

Name	Country	Univ.	Discipline	Advisor	Activity	Gender	Funding
Mesfin-Abebe, Tewodros	Ethiopia	UNL	Agronomy	Wortmann/Mamo	VS	M	I
Issa, Salissou	Niger	KSU	Animal Nutrition	Hancock	VS	M	P
Awala, Simon	Namibia	USDA	Breeding	Wilson	VS	M	I
de Jesus Morales, Manuel	Nicaragua	TAMU	Breeding	Rooney, W.	VS	M	I
Zeledon-Gonzalez, H.	El Salvador	TAMU	Breeding	Rooney, W.	VS	M	I
Abdoulaye, Tahirou	Niger	PRF	Economics	Sanders	VS	M	P
Aboubacar, Adam	Niger	PRF	Food Science	Hamaker	VS	M	I
Benmoussa, M.	Morocco	PRF	Food Science	Hamaker	PD	M	P
Gayin, Joseph	Ghana	TAMU	Food Science	Rooney, L.	VS	M	P
Koreissi, Yara	Mali	TAMU	Food Science	Rooney, L.	VS	F	P
Sandoval, Luis	El Salvador	TAMU	Food Science	Rooney, L.	VS	M	P

VS = Visiting Scientist PD = Post Doctoral

**Year 26 INTSORMIL
Conference/Workshop Activities
July 1, 2004 - June 30, 2005**

Name	Location	Date	Participants		
			Male	Female	Total
Belete, Tebkew Damte	Bushland, Texas	August 31, 2004	1		1
Bheemappa, Shivakumara	Bushland, Texas	August 31, 2004	1		1
Morales, Manual	Bushland, Texas	August 31, 2004	1		1
Traore, Tiecoura	Bushland, Texas	August 31, 2004	1		1
Zeledon, Salvador	Bushland, Texas	August 31, 2004	1		1
Diourte, Mamourou	Ethiopia	Sept. 18 - Oct. 20, 2004	1		1
Population Genetics Workshop	Univ. of Pretoria, South Africa	Sept. 22-24, 2004	27	20	47
Fusarium Laboratory Workshop	Univ. of Pretoria, South Africa	Sept. 26-Oct.1, 2004	18	22	40
South Africa White Sorghum Workshop	Univ. of Pretoria, South Africa	October 21-22, 2004	10	2	12
Marketing & Processing for Dryland Crops in West Africa	Bamako, Mali	Nov. 16 - 18, 2004	38	10	48
Perumal, Ramasamy	Reno, Nevada	Feb. 20-23, 2005	1		1
Belete, Tebkew Damte	Albuquerque, New Mexico	Feb. 28-Mar. 3, 2005	1		1
Bheemappa, Shivakumara	Albuquerque, New Mexico	Feb. 28-Mar. 3, 2005	1		1
Traore, Tiecoura	Albuquerque, New Mexico	Feb. 28-Mar. 3, 2005	1		1
Snack Food Processing Workshop	Texas A&M University	March, 2005	30	15	45
IFDC: Soil Fertility Management	Accra, Ghana	April 11-14, 2005	7		7
PCCMCA Annual Meeting	Panama	May 1-5, 2005	5		5
Sorghum Utilization Workshop	Managua, Nicaragua	May 18-19, 2005	50	10	60
Bheemappa, Shivakumara	Stratford, Texas	May 25, 2005	1		1
Traore, Tiecoura	Stratford, Texas	May 25, 2005	1		1
Neya, Adama	Michigan State University	June 18 - 30, 2005	1		1
Fusarium Laboratory Workshop	KSU	June 26 - 30, 2005	30	27	57
TOTAL			228	106	334

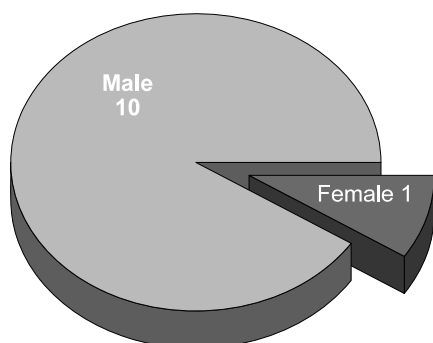


Figure 5. Total Non-Degree Participants by Gender

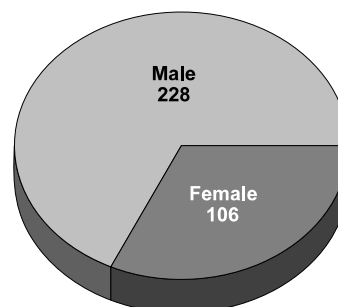


Figure 6. Total Conference/Workshop Participants by Gender

