

# Educational Activities





## Year 27 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, 38 students from 16 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).

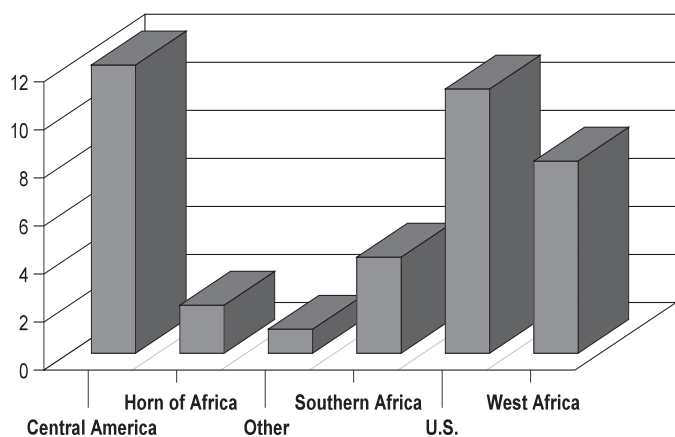


Figure 1. Degree Participants by Region

INTSORMIL also places a high priority on training women which is reflected in Figure 2. In 2005-2006, 32% of all INTSORMIL graduate participants were female. Nine of the total 38 students received full INTSORMIL scholarships. An additional 28 students received partial INTSORMIL funding and the remaining student was funded from other sources as shown in Figure 3.

All 38 students worked directly with INTSORMIL principal investigators on INTSORMIL projects. These students are enrolled in graduate programs in seven disciplinary areas, agronomy, 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 2005-2006 there were 20.

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. Two postdoctoral scientists and 11 visiting host country scientists were provided the opportunity to upgrade their skills in this fashion during 2005-2006.

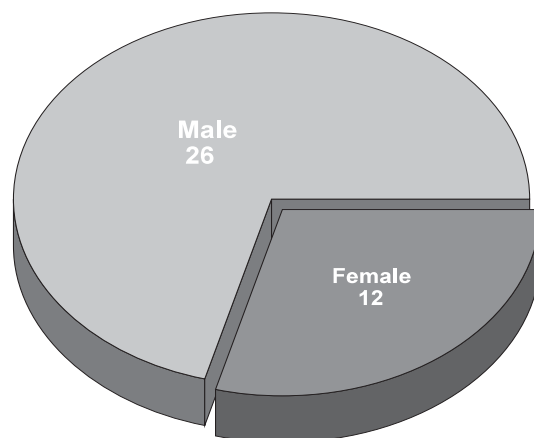


Figure 2. Degree Participants by Gender

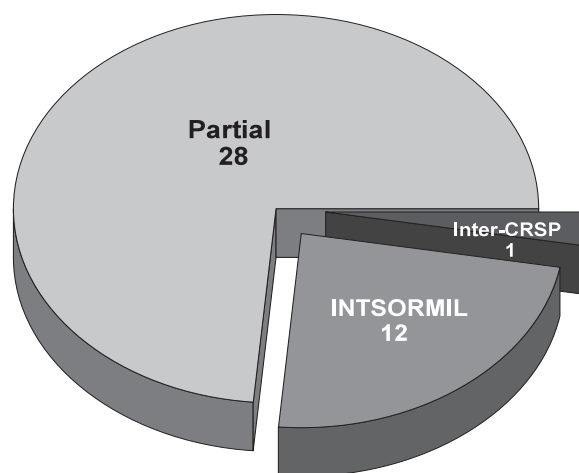


Figure 3. Degree Participants Funding

Figure 4 is a compilation of all INTSORMIL training activities by discipline for the period July 1, 2005 through June 30, 2006.

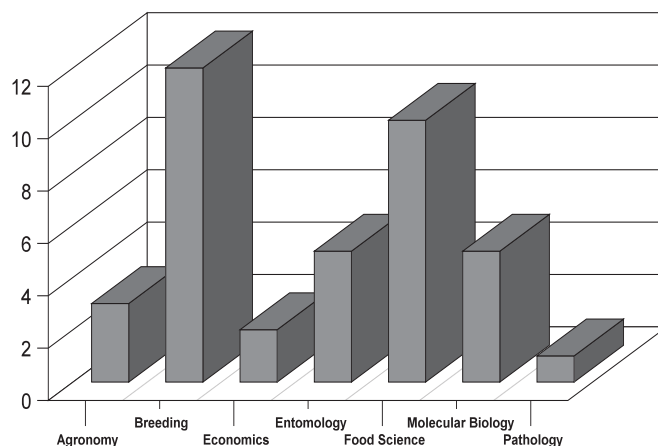


Figure 4. Degree Participants by Discipline

**Year 27 INTSORMIL Degree  
Training Participants  
July 1, 2005 - June 30, 2006**

<b>Name</b>	<b>Country</b>	<b>Univ.</b>	<b>Discipline</b>	<b>Advisor</b>	<b>Degree</b>	<b>Gender</b>	<b>Funding</b>
Griess, Joni	U.S.	UNL	Agronomy	Mason	MSC	F	P
Kaye Mady, Nanga	Chad	UNL	Agronomy	Mason	MSC	M	P
Abunyewa, Akwasi	Ghana	UNL	Agronomy	Wortmann/Mamo	PHD	M	P
Amusan, Idris	Nigeria	PRF	Breeding	Ejeta	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
Soumana, Souley	Niger	KSU	Breeding	Tuinstra	MSC	M	I
Bading, Ryan	U.S.	TAM	Breeding	W. Rooney	PHD	M	P
Kershner, Kellen	U.S.	TAM	Breeding	Tuinstra	PHD	M	P
Knoll, Joseph	U.S.	PRF	Breeding	Ejeta	PHD	M	I
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
Wubeneh, Nega	Ethiopia	PRF	Economics	Sanders	PHD	M	I
Bhemappa, S.	India	WTU	Entomology	Pendleton	MSC	M	P
Telly, Madani	Mali	WTU	Entomology	Pendleton	MSC	M	P
Belete, Tebkew D.	Ethiopia	WTU	Entomology	Pendleton	PHD	M	P
Parada Jaco, Mario	El Salvador	MSU	Entomology	Pitre	PHD	M	I
Pichardo, Sergio	Nicaragua	MSU	Entomology	Pitre	PHD	M	P
Barron, Marc	U.S.	TAM	Food Science	L. Rooney/M. Riaz	MSC	M	P
Calderon, Vilma	El Salvador	TAM	Food Science	L. Rooney	MSC	F	I
Cardenas, Ana	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
Poland, Nathan	U.S.	TAM	Food Science	L. Rooney	MSC	M	P
Austin, Dilek	U.S.	TAM	Food Science	L. Rooney	PHD	F	P
Guajardo, Sara	Mexico	TAM	Food Science	L. Rooney	PHD	F	P
Nenge, Lynda	Cameroon	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
Katile, Seriba	Mali	TAM	Molecular Biology	Magill	PHD	M	I
Portillo, Ostilio	Honduras	TAM	Molecular Biology	Hays	MS	M	P
Winn, Jennifer	U.S.	TAM	Molecular Biology	Hays	MS	F	P
Robbins, Adriana	Mexico	TAM	Molecular Biology	Hays	PHD	F	P
Ditshipi, Phoebe	Botswana	UFS	Pathology	McLaren/Swart	PHD	F	I

**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**

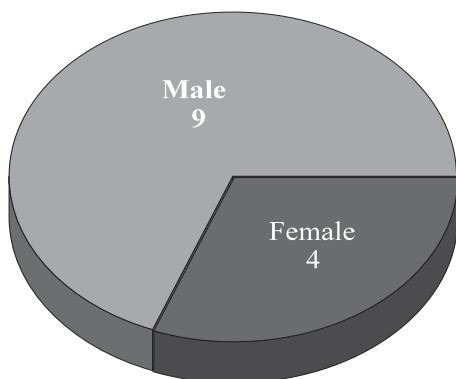
**Year 27 INTSORMIL Non-Degree  
Training Participants  
July 1, 2005 - June 30, 2006**

Name	Country	Univ.	Discipline	Advisor	Activity	Gender	Fundin
Gebreyesus, Brhane	Ethiopia	UNL	Agronomy	Wortmann/Mamo	VS	M	I
Kaizzi, Kayuki	Uganda	UNL	Agronomy	Wortmann/Mamo	VS	M	I
Diarisso, Niamoye	Mali	WTAMU	Entomology	Pendleton	VS	F	I
Alvarado de Torres, M.	El Salvador	TAMU	Food Sciences	L. Rooney	VS	F	I
Koreissi, Yara	Mali	TAMU	Food Sciences	L. Rooney	VS	M	P
Melendez, Herbert	Guatemala	TAMU	Food Sciences	L. Rooney	VS	M	P
Palacios, Eliette	Nicaragua	TAMU	Food Sciences	L. Rooney	VS	F	I
Diourté, Mamourou	Mali	TAMU	Molecular Biology	Magill	VS	M	I
Nutsugah, Steven	Ghana	TAMU	Molecular Biology	Magill	VS	M	P
Anderson, Laurel	U.S.	KSU	Pathology	Leslie	PD	F	P
Jurgenson, Jim	U.S.	KSU	Pathology	Leslie	VS	M	P
Lima, Cristiano	Brazil	KSU	Pathology	Leslie	VS	M	P
Saleh, Amgad	Egypt	KSU	Pathology	Leslie	PD	M	P

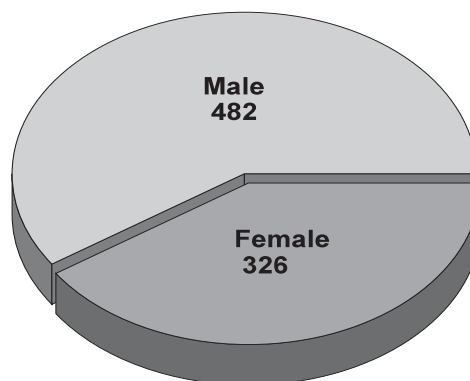
VS = Visiting Scientist PD = Post Doctoral

**Year 27 INTSORMIL  
Conference/Workshop Activities  
July 1, 2005 - June 30, 2006**

Name	Location	Date	Participants		
			Male	Female	Total
IFDC Soil Fertility Workshop	Accra, Ghana	Apr 11-15, 2005	7	0	7
Scientific Writing Workshop	Penang, Malaysia	Aug 24, 2005	95	137	232
Scientific Writing Workshop	Padang, Indonesia	Aug 29, 2005	37	30	67
Scientific Writing Workshop	Daejeon, Korea	Aug 31, 2005	43	52	95
IITA Mycotoxin Conference	Accra, Ghana	Sept 13-16, 2005	3	1	4
Scientific Writing Workshop	Ibadan, Nigeria	Sept 28, 2005	70	27	97
Forage Sorghum Workshop	San Miguel, El Salvador	Nov 15-17, 2005	189	38	227
Ag Program Conference	College Station, Texas	Jan 9-11, 2006	1	0	1
Annual Meeting of the Southwestern Branch of the Entomological Society of America	Austin, Texas	Feb 27-Mar 2, 2006	2	0	2
Scientific Writing Workshop	Cuarto, Argentina	Mar 18, 2006	14	23	37
PCCMCA Meeting	Montelimar, Nicaragua	Mar 23-28, 2006	2	0	2
International Pearl Millet Improvement and Seed Production Training Course	Hyderabad, India	May 2-15, 2006	3	0	3
Fusarium Laboratory Workshop	Bari, Italy	June 4-9, 2006	22	18	40
2006 Great Plains Sorghum Conference	Manhattan, KS	Sept 6-7, 2006	1	0	1
<b>TOTAL</b>			<b>482</b>	<b>326</b>	<b>808</b>



**Figure 5. Total Non-Degree Participants by Gender**



**Figure 6. Total Conference/Workshop Participants by Gender**

