

Educational Activities



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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 years covered by this report, 41 students were enrolled in an INTSORMIL advanced degree program. Approximately 80% of these students come from countries other than the U.S. which shows the emphasis placed on host country institutional development (Figure 1).

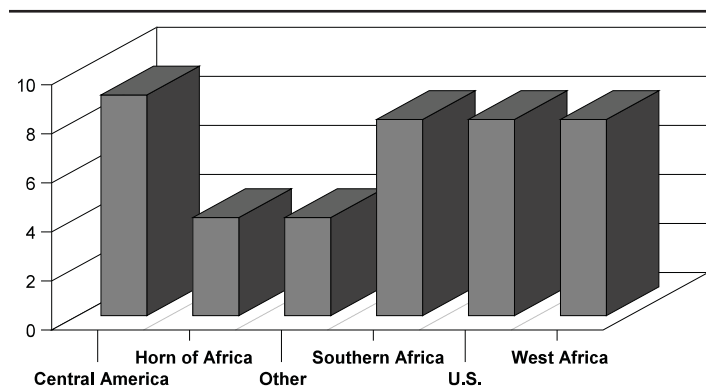


Figure 1. Degree Participants by Region

INTSORMIL also places a high priority on training women which is reflected in Figure 2. From 2007-2008, 44% of all INTSORMIL graduate participants were female. Thirty-seven of the 41 students received partial INTSORMIL funding and 4 received full INTSORMIL scholarships.

All 41 students worked directly with INTSORMIL principal investigators on INTSORMIL projects. These students are enrolled in graduate programs in seven disciplinary areas, agronomy, animal nutrition, breeding, economics, entomology, food science, and pathology.

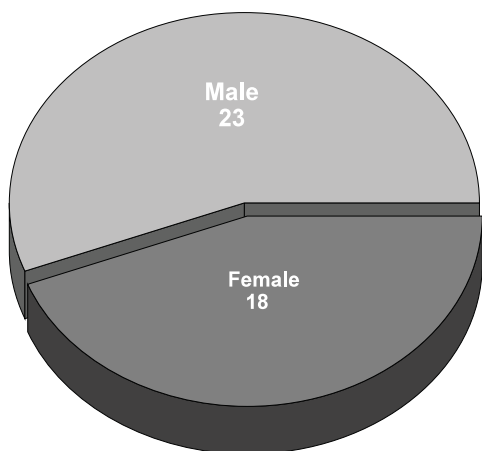


Figure 2. Degree Participants by Gender

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 2007-2008 there were 16.

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. Three postdoctoral scientists and ten visiting host country scientists were provided the opportunity to upgrade their skills in this fashion from 2007-2008.

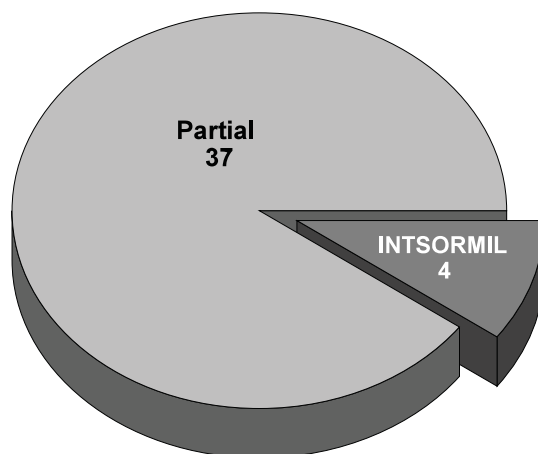


Figure 3. Degree Participants Funding

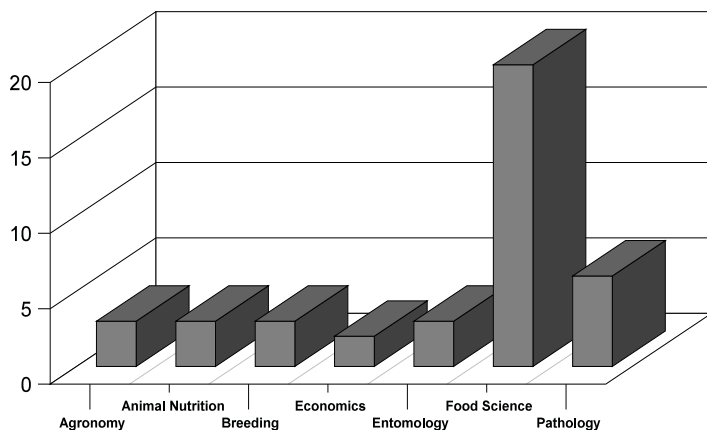


Figure 4. Degree Participants by Discipline

**Year 2 INTSORMIL Degree
Training Participants
September 30, 2007 – September 29, 2008**

Name	Country	Univ.	Discipline	Advisor	Degree	Gender	Funding
Abunyewa, Akwasi	Ghana	UNL	Agronomy	Charles Wortmann	Ph.D.	M	P
Maiga, Alassane	Mali	KSU	Agronomy	Vara Prasad	Ph.D.	M	I
Opole, Rachel	Kenya	KSU	Agronomy	Vara Prasad	Ph.D.	F	P
Sawadogo, Boukare	Burkina Faso	KSU	Agronomy	Vara Prasad	M.S.	M	P
Feoli, Carolina	Costa Rica	KSU	Animal Nutrition	Joe Hancock	Ph.D.	F	P
Issa, Salissou	Niger	KSU	Animal Nutrition	Joe Hancock	Ph.D.	M	I
Monge, Cynthia	Costa Rica	KSU	Animal Nutrition	Joe Hancock	M.S.	F	P
Corn, Rebecca	USA	TAM	Breeding	William Rooney	Ph.D.	F	P
Hayes, Chad	USA	TAM	Breeding	William Rooney	M.S.	M	P
Packer, Dan	USA	TAM	Breeding	William Rooney	Ph.D.	M	P
Baquedano, Felix	Nicaragua	PRF	Economics	John Sanders	Ph.D.	M	P
Mgaya, Joseph	Tanzania	OSU	Economics	J. Mark Erbaugh/ Donald Larson	M.S.	M	P
Garzon, Camillo	Colombia	WTAM	Entomology	Bonnie Pendleton	M.S.	M	P
Telly, Madani	Mali	WTAM	Entomology	Bonnie Pendleton	M.S.	M	P
Belete, Tebkew Damte	Ethiopia	WTAM	Entomology	Bonnie Pendleton	Ph.D.	M	P
Barrion, Stephen	Namibia	U of Pretoria	Food Science	John Taylor	M.S.	M	P
Boswell, Sara	USA	TAM	Food Science	Lloyd Rooney	M.S.	F	P
Calderon, Vilma Ruth	El Salvador	TAM	Food Science	Lloyd Rooney	M.S.	F	I
Cardenas, Ana	Mexico	TAM	Food Science	Lloyd Rooney	M.S.	F	P
Chiremba, Constance	Zimbabwe	U of Pretoria	Food Science	John Taylor	M.S.	F	P
Gritsenko, Maria	Russia	TAM	Food Science	Lloyd Rooney	M.S.	F	P
Guajardo, David	Mexico	TAM	Food Science	Lloyd Rooney	M.S.	M	P
Mella, Onesmo	Tanzania	UNL	Food Science	David Jackson	M.S.	F	P
Mugode, Luke	Zambia	U of Pretoria	Food Science	John Taylor	M.S.	M	P
Poland, Nathan	USA	TAM	Food Science	Lloyd Rooney	M.S.	M	P
Taleon, Victor	Guatemala	TAM	Food Science	Lloyd Rooney	M.S.	M	P
Asif, Muhammad	Pakistan	TAM	Food Science	Lloyd Rooney	Ph.D.	M	P
Diarra, Mohamed	Mali	U of Maiduguri	Food Science	Iro Nkama	Ph.D.	M	P
Dilek Austin	USA/Turkey	TAM	Food Science	Lloyd Rooney	Ph.D.	F	P
Dykes, Linda	USA/Canada	TAM	Food Science	Lloyd Rooney	Ph.D.	F	P
Guajardo, Sara	Mexico	TAM	Food Science	Lloyd Rooney	Ph.D.	F	P
Hikeezi, Doreen	Zambia	U of Pretoria	Food Science	John Taylor	Ph.D.	F	P
Kebakile, Martin	Botswana	U of Pretoria	Food Science	John Taylor	Ph.D.	M	P
Mkandawire, Nyambe L.	Zambia	UNL	Food Science	David Jackson	Ph.D.	F	I
Njongmeta, Nenge L.A.	Cameroon	TAM	Food Science	Lloyd Rooney	Ph.D.	F	P
Fuentes, Irazeuma	USA	KSU	Pathology	John Leslie	M.S.	F	P
Lee, Jungkwan	Korea	KSU	Pathology	John Leslie	Ph.D.	M	P
Mpofu, Leo	Zimbabwe	U of Free State	Pathology	Neil McLaren	Ph.D.	M	P
Nor, Nik	Malaysia	KSU	Pathology	John Leslie	Ph.D.	M	P
Parau, Jose	South Africa	U of Free State	Pathology	Neil McLaren	M.S.	F	P
van Rooyen, Danielle	South Africa	U of Free State	Pathology	Neil McLaren	M.S.	M	P

I = Completely funded by INTSORMIL

KSU = Kansas State Univ.

OSU = Ohio State Univ.

PRF = Purdue Univ.

P = Partially funded by INTSORMIL

TAM = Texas A&M Univ.

TTU = Texas Tech Univ.

UNL = Univ. of Nebraska - Lincoln

IC = InterCRSP funding

USDA = Tifton, Georgia

WTU = W. Texas A&M Univ.

**Year 2 INTSORMIL Non-Degree
Training Participants
September 30, 2007 – September 29, 2008**

Name	Country	Univ.	Discipline	Advisor	Activity	Gender	Funding
Letayo, Elias	Tanzania	UNL	Agronomy	Wortmann	VS	M	P
Mesfin, Tewodros	Ethiopia	UNL	Agronomy	Wortmann	VS	M	P
Dighe, Nilesh	India	TAM	Breeding	W. Rooney	PD	M	P
Li, Guiying	China	TAM	Breeding	W. Rooney	VS	M	P
Diatia, Aminata	Tanzania	PRF	Food Science	Hamaker	VS	F	P
Galindo-Perez, Cesar	Guatemala	TAM	Food Science	L. Rooney	VS	M	P
Ndoye, Ababacar	Senegal	PRF	Food Science	Hamaker	VS	M	P
Lee, Jungkwan	Korea	KSU	Pathology	Leslie	PD	M	P
Saleh, Amgad	Egypt	KSU	Pathology	Leslie	PD	M	P
Chulze, Sofia	Argentina	KSU	Pathology	Leslie	VS	F	P
Fogle, Paul	USA	KSU	Pathology	Leslie	VS	M	P
Hachibamba, Twambo	Zambia	KSU	Pathology	Leslie	VS	F	P
Manani, Tinna	Malawi	KSU	Pathology	Leslie	VS	F	P

VS = Visiting Scientist PD = Post Doctoral

**Year 2 INTSORMIL
Conference/Workshop Activities
September 30, 2007– September 29, 2008**

Name	Location	Date	Participants		
			Male	Female	Total
Scientific Research Ethics	Korea	May 21, 2008	40	44	84
Scientific Writing Workshop	Malaysia	June 18, 2008	58	68	126
Fusarium Laboratory Workshop	Malaysia	June 22-27, 2008	14	20	34
Scientific Writing Workshop	Malaysia	June 30, 2008	51	42	93
ISPA/ISM Mycotoxin Training Workshop	Bari, Italy	Sept. 28-Oct. 3, 2008	11	13	24
Tewdros Mesfin	Houston, TX	Aug. 18-21, 2008	1	0	1
Elias Letayo	Houston, TX	Aug. 18-21, 2008	1	0	1
Tebkew Damte Belete	Fort Worth, TX	Feb. 23-26, 2008	1	0	1
TOTAL			177	187	364

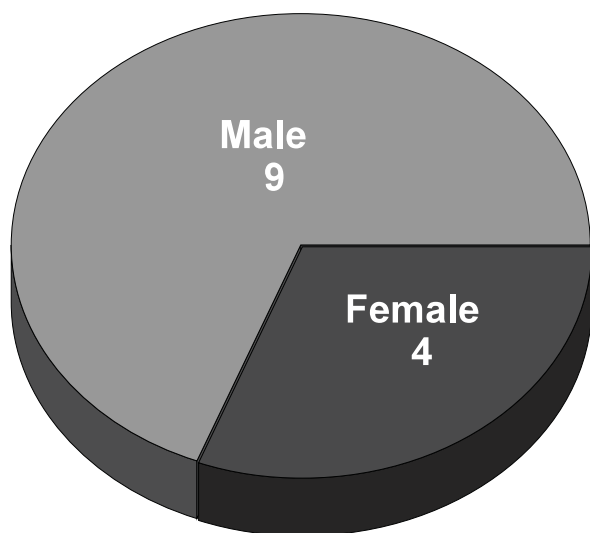


Figure 5. Total Non-Degree Participants by Gender

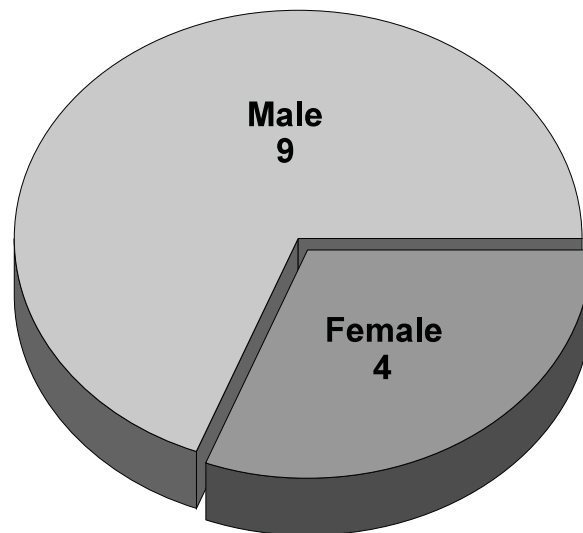


Figure 6. Total Conference/Workshop Participants by Gender

