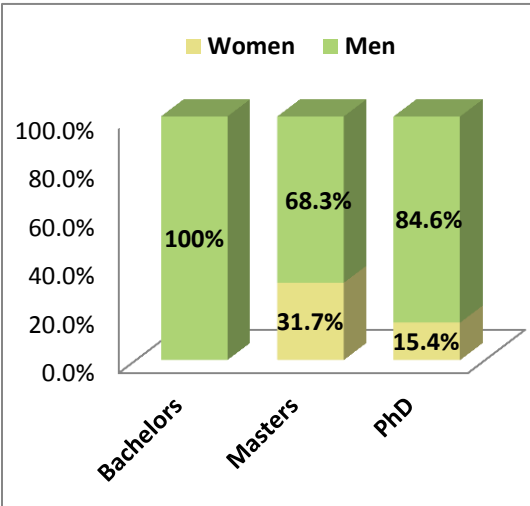




Feed the Future Innovation Labs for Collaborative Research Country Profile

Tanzania



Long-term Degree Training

The Feed the Future Innovation Labs for Collaborative Research and the former Collaborative Research Support Programs (CRSPs) since 1978 have trained a total of **71 long-term degree students** from Tanzania earning **71 degrees** in disciplines including Agricultural Economics, Agronomy, Breeding, Crop and Soil Science, Entomology, Food Science, Horticulture, Nutrition, Pathology, Plant Protection, and Veterinary Medicine. Bachelors (5.6%), Masters (57.7%) and Ph.D. (36.6%) degrees were granted. Women received nearly **24%** of those degrees. **Sokoine University of Agriculture** granted the highest number of degrees at 26 degrees. Students studied at U.S. Universities including Cal Poly, Kansas State U, Michigan State U, Ohio State U, Purdue U, Texas A&M U, U Florida, U Illinois, U Nebraska, Lincoln, U Wisconsin, and Washington State U and trained under AquaFish, Bean/Cowpea, Pulse, Global Livestock, Horticulture, IPM, INTSORMIL, and Small Ruminant.

U.S. University Partners, Tanzania (2007 - 2013)

AquaFish

Oregon State U*
Purdue U
U Arkansas, Pine Bluff
Virginia Tech

BASIS AMA

UC Davis*

Livestock-Climate Change

Colorado State U*
U Arizona
UC Davis
U Florida
U Vermont

Horticulture

UC Davis*
Michigan State U
Purdue U
Rutgers U
Tennessee State U
U Georgia

IPM

Virginia Tech*
Ohio State U
Virginia State U

Partners in Tanzania

(2007 - 2013)

	AquaFish	BASIS AMA	Horticulture	IPM	Livestock-Climate Change	SMOG/INTSORMIL
Sokoine University of Agriculture	●		●	●	●	●
AVRDC-The World Vegetable Centre			●			
Coffee Research Institute				●		
Dept. of Crop Research						●
Glorious (Women's group from Kinondoni District)						●
Hombola Research Station						●
Ilonga Agricultural Research Center						●
IITA				●		
Kitangari Tulinge Women Development Association (KITUWODEA)						●
Kitangari Tulinge Women Development Association (KITUWODEA)						●
KPL		●				
Ministry of Agriculture Food Security and Cooperatives, United Republic of Tanzania			●			
Ministry of Natural Resources and Tourism	●					
NZASA women's group						●

Pulse

Michigan State U*
Iowa State U
Penn State U

SMOG/INTSORMIL

U Nebraska, Lincoln*
Kansas State U
Ohio State U
Purdue U
Texas A&M U
West Texas A&M

*Management Entity

Partners in Tanzania

(2007 - 2013)

	AquaFish	BASIS AMA	Horticulture	IPM	Livestock-Climate Change	SMOG/INTSORMIL
PAMS Foundation				●		
Rufiji Water Basin Board					●	
Ruhaha District Veterinary Officer					●	
Sapporo Mobi-Vet			●			
Southern Highlands Region Veterinary Investigation Center					●	
St. John's University			●			
Tanzania Food and Nutrition Centre						●
The Glorious group						●
USAID/TZ		●				
World Vision		●				

Innovation Labs for Collaborative Research and CRSP Activities in Tanzania (2007 - 2013)*

Adapting Livestock Systems to Climate Change

- Risk, Perception, Resilience, And Adaptation to Climate Change in Niger and Tanzania
- Strengthening Tanzanian Livestock Health and Pastoral Livelihoods in a Changing Climate

Aquaculture & Fisheries (AquaFish)

- Develop Feeding Strategies for Moringa Oleifera and Leucaena Leucocephala as Protein Sources in Tilapia Diets
- Development of Locally Available Feed Resource Base in Tanzania
- Enhancing the Profitability of Small Aquaculture Operations in Ghana, Kenya and Tanzania Through Improved Resource Management and Environmental Best Management Practices Virginia Polytechnic Institute & State University
- Enhancing The Profitability Of Small Aquaculture Operations In Ghana, Kenya, and Tanzania
- Enhancing the Profitability of Small Aquaculture Operations in Kenya and Tanzania Purdue University
- Improving Competitiveness of African Aquaculture through Capacity Building, Improved Technology, and Management of Supply Chain and Natural Resources
- On Farm Verification of Tilapia-catfish Predation Culture
- Performance Evaluation of Different Tilapia Strains and Species in Tanzania

BASIS Assets and Market Access (AMA)

- Developing a Satellite based Index to Predict Crop Yields in Smallholder Agriculture

Dry Grain Pulses (Pulse) (Legume as of 2013)

- Enhancing biological nitrogen fixation (BNF) of leguminous crops grown on degraded soils in Uganda, Rwanda, and Tanzania
- Improving Nutritional Status and CD4 Counts in HIV-Infected Children Through Nutritional Support
- Improving Bean Production in Drought-Prone, Low Fertility Soils of Africa and Latin America – An Integrated Approach

Horticulture

- Concentrated Solar Drying of Mango and Tomato
- Extension of Appropriate Postharvest Technology in Sub-Saharan Africa: A Postharvest Training and Services Center

- Indigenous African Leafy Vegetables (ALV) for Enhancing Livelihood Security of Smallholder Farmers in Kenya
- Seed Systems: Improving seed quality for smallholders
- Sustainable African indigenous vegetable production and market-chain development
- Trellis II: Engaging U.S. Students in International Development
- Abating Parthenium (*Parthenium hysterophorus* L.) Damage in Eastern Africa Using Integrated Cultural and Biological Control Measures
- Regional IPM Program in East Africa: Kenya, Tanzania and Uganda
- Trellis III: Engaging US Students in International Development

Sorghum, Millet and Other Grains (INTSORMIL)

- Breeding Sorghum for Improved Resistance to Biotic and Abiotic Stresses and Enhanced End – Use Characteristics for Southern Africa
- Breeding Sorghum for Improved Resistance to Striga and Drought in Africa
- Building a Sustainable Infrastructure for the Product Development and Food Entrepreneur/ Industry Technical Support: A Strategy to promote Increased Use of Sorghum and Millet in East Africa
- Crop, Soil and Water management to optimize Grain Yield and Quality for Value- Added Markets in Eastern and Southern Africa
- Grain Molds, Mycotoxins and Stalk Rots of Soghum and Millet
- Market Development in Support of Sorghum and Millet Farmers in Tanzania and Zambia

*Activities occurred at varying points from 2007-2013.



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