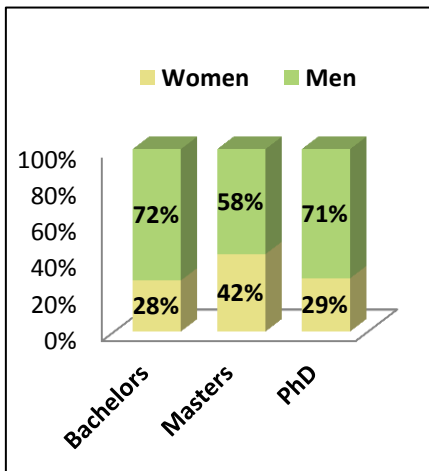




Feed the Future Innovation Labs for Collaborative Research Country Profile

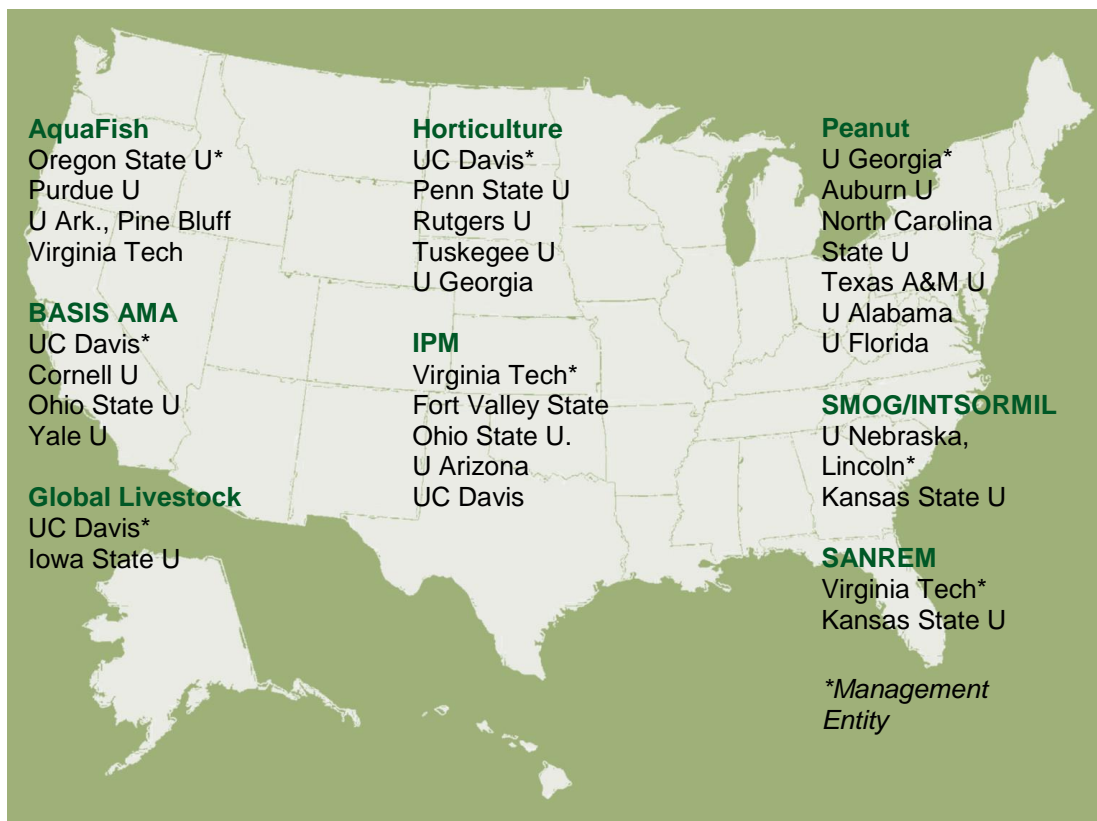
Ghana



Long-term Degree Training

The Feed the Future Innovation Labs for Collaborative Research and the former Collaborative Research Support Programs (CRSPs) have trained a total of **81 long-term degree students** from Ghana earning **82 degrees** in disciplines including Agronomy, Anthropology, Economics, Entomology, Pathology, Policy Analysis, and Soil Science. Bachelors (30.5%), Masters (40.2%), and Ph.D. (29.3%) degrees were granted. Women received over **34%** of those degrees. **University of Ghana** and **Kwame Nkrumah University** granted the highest number of degrees with 41 and 10 respectively. Students studied at U.S. Universities including Cornell U, Iowa State U, Kansas State U, Purdue U, Texas A&M U, Texas Tech U, U Arizona, U Florida, U Georgia, U Hawaii, U Nebraska, Lincoln, and Virginia Tech under AquaFish, BASIS AMA, Bean/Cowpea, Global Livestock, Peanut, Soil Management, SMOG/INTSORMIL, and SANREM.

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



**Partners in Ghana
(2007-2013)**

	AquaFish	BASIS AMA	Global Livestock	Horticulture	IPM	Peanut	SMOG/INTSORMIL	SANREM
Savanna Agricultural Research Institute (SARI)		●		●		●	●	●
Ghana Ministry of Food and Agriculture	●	●	●	●				
Crops Research Institute (CRI)				●	●	●		
University of Ghana		●	●	●	●	●		
Kwame Nkrumah University of Science and Technology	●			●		●		
African Center for Economic Transformation		●						
Agribusiness in Sustainable Natural Plant Products				●				
Council for Scientific and Industrial Research (CSIR), Ghana				●				
FAO Regional Office, Ghana	●							
Farmer Line	●							
Food Research Institute				●				
Freedom from Hunger, Ghana			●					
Ghana Health Services			●					
Ghana Institute of Horticulturists				●				
Hunger Alliance of Ghana				●				
Noguchi Memorial Medical Research Institute						●		
Selasie Farms and Groceries				●				
University of Cape Coast				●				
University of Development Studies		●		●				
Wa Polytechnic								●
Water and Sewerage Company	●							
Water Research Institute's Aquaculture Research Development Center	●							

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

Aquaculture & Fisheries (AquaFish)

- Assessment of Tilapia Value Chain in Ghana
- Characterization of Pond Effluents and Biological and Physiochemical Assessment of Receiving Waters in Ghana
- Development and Diversification of Species for Aquaculture in Ghana
- Developing Supply Chain and Group Marketing Systems for Fish Farmers in Ghana and Kenya
- Enhancing The Profitability of Small Aquaculture Operations In Ghana, Kenya, and Tanzania
- Experimental Pond Unit Assessment in Ghana
- Harnessing the Opportunities and Overcoming the Constraints to Widespread Adoption of Cage Aquaculture in Ghana
- Improving Competitiveness of African Aquaculture through Capacity Building, Improved Technology, and Management of Supply Chain and Natural Resources
- Training Program in Propagation and Hatchery Management of Tilapia (*Oreochromis niloticus*) and Catfish (*Clarius gariepinus*) in Ghana

BASIS Assets and Market Access (AMA)

- Disseminating Innovative Resources and Technologies to Smallholders (DIRTS) in Northern Region, Ghana
- Promoting Adoption of Improved Production Technologies among Smallholders in Ghana via Coupled Credit and Index Insurance Contracts

- Understanding and Improving Financial Access for the Poor
- Understanding the impact of idiosyncratic shocks on farm productivity and household asset building and protection

Global Livestock

- ENAM: Enhancing Child Nutrition through Animal Source Food Management

Horticulture

- Concentrated Nutritional and Economic Enhancement of Ghanaian Traditional Diets, Using Orange-Fleshed Sweet potato Products
- Extension of Appropriate Postharvest Technology in Sub-Saharan Africa: A Postharvest Training and Services Center
- Sustainable Production of Specialty Horticultural Crops in Ghana for Income Generation and Increased Export Value
- Sustainable Technology for Orange and Purple Sweet Potato (STOPS) in Ghana
- Trellis I and III: Engaging US Students in International Development

Integrated Pest Management (IPM)

- International Plant Diagnostic Network
- International Plant Virus Disease Network
- Toward the Effective Integrated Pest Management of Plant Disease Caused by Viruses in Developing Countries: Detection and Diagnosis, Capacity Building and Training, and Formulation of IPM Packages
- West African Regional Consortium for IPM Excellence

Peanut (*Peanut and Mycotoxin as of 2013*)

- Adaptation of Transgenic Peanuts with Resistance Against Aflatoxin for Production in West Africa
- Aflatoxin financial and health risks along the peanut marketing chain in Ghana
- Aflatoxin free Peanut-based Recovery and Functional Food
- Association of Aflatoxin Biomarker Levels with Health Status and HIV Disease
- Development of Methods for Establishing a Global Network for Aflatoxin Exposure
- Enhancing the Peanut Value Chain, from Processing to Marketing Peanuts and Peanut Products
- Enhancing the Peanut Value Chain, from Processing to Marketing of Peanuts and Peanut Products - Processing
- Enhancing the peanut value chain, from processing to marketing peanuts and peanut products - Product Development
- Enterosorbent Intervention Therapies for Populations at Risk for Aflatoxin Related Diseases
- Improved West African Peanut Production for Enhanced Health and Socioeconomic Status Through the Delivery of Research-based Production Systems in Ghana
- Overcoming Abiotic and Biotic Constraints to Yield, and Production of High-Quality Peanuts in West Africa and Texas
- Systems Approaches to Enhance Peanut Production under Resource Limitation

Sorghum, Millet and Other Grains (INTSORMIL)

- Integrated Soil, Water, Nutrient and Crop Management Strategies for Improving Productivity in Sorghum and Millet Based Cropping Systems

Sustainable Agriculture & Natural Resource Management (SANREM)

- LTRA-8: Improving soil quality and crop productivity through conservation agriculture production systems in West Africa

*Activities occurred at varying points from 2007-2013.



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