



CRSP
COLLABORATIVE RESEARCH
SUPPORT PROGRAMS

Putting the “Collaborative” in CRSP

Cultivating diverse international partnerships to improve livelihoods

The Collaborative Research Support Programs represent a network of over **500** collaborating institutions ranging from small and local to large and international. Through these networks,

the CRSPs can bring their scientific solutions to overcoming hunger and poverty to people around the world.

CRSP projects are implemented in over 55 host countries, collaborating with institutions located in over seventy countries around the globe. CRSPs actively partner with organizations and institutions in all of the Feed the Future priority countries.

U.S. and host-country universities and research institutes are at the heart of CRSP projects. They both make cash and in-kind contributions to the

Often more than one CRSP partners with an entity, thus the total number of partnerships is over 700.

programs. The active involvement of host country partners guarantees that all CRSP research is well designed, ethically implemented, peer-reviewed, and available to the public.

CRSP collaborations build scientific research capacity. Students from host-country universities are trained as part of CRSP partnerships and apply their skills to solve host-country problems.

CRSP researchers engage the communities where they work by partnering with local NGOs and government offices. These groups help make local connections and provide valuable perspectives that inform the projects and lay the groundwork for trust and sustainability.



AQUAFISH CRSP

Educating students in university and college programs helps to create both entrepreneurs and advance scientific innovation that contributes to advancing the work of the private sector in both developing countries and in the U.S. The CRSPs have trained thousands of students in its degree programs since 1978. In 2010, they partnered with over 69 private sector firms.





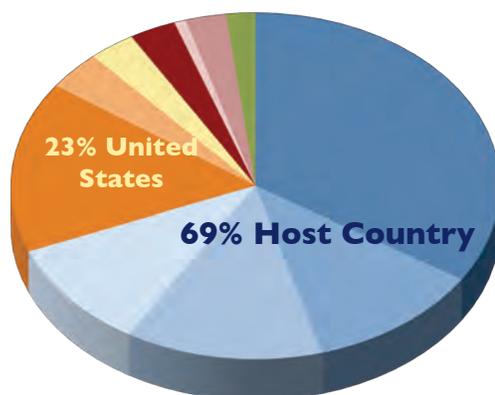
Partnering for improved institutional capacity and economic development...

The AquaFish CRSP is working in Kenya to improve aquaculture production technology and watershed management so that the aquaculture system better serves the country's rural poor. To accomplish such a broad goal, AquaFish has formed collaborations with host-country research institutes such as Moi University and the Kenyan Marine and Fisheries Research Institute, government offices including the Ministry of Fisheries Development and the National Investment Center, as well as NGOs such as Fish Africa and the Women in Fishing Industry Project Trust.

The benefits of these collaborations are realized in improved institutional capacity as well as economic development. The Sagana Aquaculture Center, for example, has become one of Kenya's top aquacultural research and training centers thanks to AquaFish's united efforts with Moi University, the Kenyan Department of Fisheries, Auburn University and Oregon State University to improve the facility's capability as a research center.

To promote economic development, the Women in Fishing Industry Project (WIFIP) is utilizing the AquaFish CRSP model to train local women in fish pond construction and catfish breeding in order to provide a means of additional income for Kenyan women fish traders. At the industry level, the number of Kenyan fish farmers has doubled to over 4500. Farmed fish production increased from less than one ton in 1996 to four tons by 2006, representing the strength of the CRSP collaborative approach.

The majority of CRSP collaborations are with host-country institutions. Host country collaborators play a critical and significant role in CRSP projects as equal partners in research, knowledge transfer and capacity building.



- Host Country Research Institutes
- Host Country Government
- Host Country NGOs
- Host Country Private Sector
- US Universities
- US Government
- US Private
- International NGOs
- UN/Multilateral Organizations
- CGIARs/IARCs
- Other

U.S. Collaborating Universities

The collaborative character of the research offered through the CRSPs is defining of its approach. They continue to be an innovative mechanism for strengthening collaboration among U.S. universities. The lead U.S. university is responsible for coordinating links to other U.S. universities, through sub-grants and Memoranda of Understanding; those universities, in turn, have their own subawards with an ever wider circle of organizations. The research activities are consequently institution to institution as well as researcher to researcher. In 2010, **eighty-three** U.S. universities in **41 states** collaborated on CRSP projects. Of these, 11 are Minority Serving Institutions (MSIs).

- Alabama A&M University
- Auburn University
- Clemson University
- Colorado State University (ME)**
- Columbia University
- Cornell University
- Delaware State University
- Duke University
- Emory University
- Florida A&M University
- Florida International University
- Fort Valley State University
- George Mason University
- Georgia Institute of Technology
- Georgia State University
- Harvard University
- Indiana University
- Iowa State University
- Johns Hopkins University
- Kansas State University
- Louisiana State University
- Massachusetts Institute of Technology
- Michigan State University (MO)**
- Montana State University
- New Mexico State University
- N. Carolina Ag. & Technical State University
- North Carolina State University

- Ohio State University
- Oregon State University (ME)**
- Pennsylvania State University
- Princeton University
- Purdue University
- Rutgers - State University of New Jersey
- South Dakota State University
- Syracuse University
- Tennessee State University
- Texas A&M University
- Texas Tech University
- Tufts University (ME)**
- Tuskegee University
- University of Alabama at Birmingham
- University of Alaska
- University of Arizona
- University of Arkansas at Pine Bluff
- University of California, Berkeley
- University of California, Davis (ME)**
- University of California, Riverside
- University of California, San Diego
- University of Colorado
- University of Connecticut
- University of Connecticut—Avery Point
- University of Denver
- University of Florida
- University of Georgia (ME)**

- University of Hawaii
- University of Hawaii at Hilo
- University of Hawaii at Manoa
- University of Idaho
- University of Illinois at Urbana-Champaign
- University of Iowa
- University of Michigan
- University of Minnesota
- University of Missouri
- University of Montana
- University of Nebraska (ME)**
- University of Puerto Rico
- University of Rhode Island
- University of San Francisco
- University of Tennessee
- University of Texas
- University of Vermont
- University of Virginia
- University of Washington
- University of Wisconsin, Madison (ME)**
- University of Wyoming
- Virginia State University
- Virginia Tech University (ME)**
- Washington State University
- West Texas A&M University
- Yale University

Note: Data on this page draws from FY 2010 except for the Global Nutrition CRSP which only started in 2011. Universities with a CRSP Management Entity or Management Office are denoted in red.

Partner Countries and Key Collaborations

	AquaFish	BASIS/AMA	Horticulture	IPM	INTSORMIL	Livestock-Climate Change	Global Nutrition	Peanut	Dry Grain Pulses	SANREM
Total Partnerships	153	65	55	78	63	54	16	43	97	83
Host Country Partnerships	100	33	39	46	43	34	1	22	64	48
Africa and Middle East										
	Egypt Ghana Kenya Lebanon Mali S.Africa Tanzania Uganda	Ethiopia Ghana Kenya Liberia Malawi Uganda	DRC Ghana Kenya Nigeria S.Africa Tanzania Uganda Zambia	Ethiopia Ghana Kenya Mali Niger Nigeria Senegal S.Africa Tanzania Uganda	Botswana Burkina Faso Ethiopia Ghana Kenya Mali Mozambique Niger Nigeria Senegal S.Africa Tanzania Uganda Zambia	Ethiopia Kenya Mali Niger Senegal Tanzania	Uganda	Burkina Faso Ghana Kenya Mali Senegal Uganda	Angola Benin Burkina Faso Ghana Kenya Mali Mozambique Niger Nigeria Rwanda Senegal S.Africa Tanzania Togo Uganda Zambia	Ghana Kenya Lesotho Mali Uganda
Asia										
	Bangladesh Cambodia China Indonesia Malaysia Nepal Philippines Thailand	Cambodia India Indonesia	India Nepal Sri Lanka Taiwan Thailand	Bangladesh Cambodia India Indonesia Philippines Taiwan Uzbekistan	Malaysia S. Korea	Mongolia Tajikistan	Nepal	Laos Thailand		Cambodia India Indonesia Philippines Taiwan Vietnam
Latin America and Caribbean										
	Brazil Costa Rica Ecuador Guatemala Guyana Honduras Mexico Nicaragua	Guatemala Nicaragua Peru	Costa Rica Dom. Rep. El Salvador Haiti Honduras Nicaragua	Dom. Rep. Ecuador Guatemala Honduras Mexico Peru	Argentina Costa Rica El Salvador Guatemala Honduras Nicaragua			Bolivia Brazil Costa Rica Guyana Haiti	Colombia Dom. Rep. Ecuador Haiti Honduras	Bolivia Ecuador Haiti Mexico Peru

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Initiated by Title XII legislation, **Collaborative Research Support Programs** mobilize the capacities of land-grant universities to address issues of food security, human health, agricultural growth, trade expansion and sustainable use of natural resources in the developing world. Ten CRSPs are currently active: AquaFish, BASIS/AMA, Dry Grain Pulses, Global Nutrition, Horticulture, INTSORMIL, IPM, Livestock-Climate Change, Peanut and SANREM. The CRSPs receive core funding from the United States Agency for International Development, Bureau for Food Security.

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For more information, visit the CRSP website at www.CRSPs.net.