

2005 Supplement

New Partnerships, 2004 - 2005

Higher Education Partnerships for Global Development

Knowledge, Cooperation, Results



THE ASSOCIATION LIAISON OFFICE
FOR UNIVERSITY COOPERATION IN DEVELOPMENT

Higher Education Partnerships for Global Development: Knowledge, Cooperation, Results

The Association Liaison Office for University Cooperation in Development (ALO) administers a Cooperative Agreement (HNE-A-00-97-00059-00) between the United States Agency for International Development (USAID) and the American Council on Education (ACE) with five other U.S. higher education associations. ALO's Institutional Partnerships Program supports competitive awards for partnerships among U.S. colleges, community colleges, and universities and higher education institutions in developing countries. These partnerships address host country development needs and support USAID's goals and the strategic objectives of its country missions. Together with their overseas partners, U.S. faculty are designing and implementing projects and programs that will leave a lasting legacy of real change in developing countries.

On the cutting edge of research in their chosen field, faculty with an international focus are the natural choice for conducting innovative pilot projects in response to global development needs. ALO partnerships illustrate how the partnership approach to addressing development challenges around the world succeeds in different countries and in varying contexts.

The partnerships listed below received awards from ALO between 2004 and 2005. Awards were made under the following initiatives:

Higher Education Partnerships for African Development (HEPAD)
The Middle East Partnership Initiative (MEPI)
The U.S. – Mexico Training, Internships, Exchanges, and Scholarships (TIES) Initiative
USAID/Afghanistan
USAID/Office of Democracy and Governance (D&G)
USAID/Regional Center for Southern Africa (RCSA)

Afghanistan

Southern Illinois University at Carbondale/Balkh University

Titled "Higher Education Assistance for Afghanistan: Balkh University Agriculture Faculty Development," this collaboration brings together the resources and expertise of the Southern Illinois University Carbondale (SIUC) and Balkh University Faculty of Agriculture (BUFA), in Mazar-e-Sharif, Afghanistan, with additional support from the University of Illinois at Urbana-Champaign (UIUC) and the Northwest Frontier Agricultural University (NWFAU) in Pakistan. The higher education assistance project between SIUC and BUFA provides for the development of technical knowledge and expertise in the Departments of Plant Science, Animal Science, and Forestry/Horticulture, modernization of curriculum, and for enhanced teaching techniques and technologies for application within the classroom and in the field.

Other Partners: University of Illinois at Urbana-Champaign; Northwest Frontier Agricultural University (Pakistan)

Award Date: 2005 USAID/Afghanistan

Award Amount: \$119,933

Cost Share Amount: \$68,059

Egypt

Colorado State University/Helwan University

Colorado State University (CSU) and Helwan University (HU) are collaborating to contribute to the development of more affordable homes in Egypt and to stimulate Egypt's economic development. Using a multi-disciplinary approach, the partnership is developing a project management capstone course based on a

successful model that: (1) applies business administration principles to construction project management using international standards; (2) attracts women to project-management-related careers; and (3) integrates classroom activity with hands-on learning experiences at actual projects in Egypt and the United States. CSU and HU will develop a plan to extend the teaching model to other disciplines at HU and other Egyptian universities. The long-term vision is to empower Egyptian faculty to work with public and private sector partners to develop a self-sustained residential community, which will be designed to use available, renewable resources and to create an environment and culture conducive to cooperation and self-sustainability.

Other Partners: RK Mechanical; Citadon

Award Date: 2004 MEPI

Award Amount: \$99,986

Cost Share Amount: \$107,685

Virginia Polytechnic Institute and State University/Arab Academy for Science and Technology

Virginia Polytechnic Institute and State University (VT), in collaboration with the Arab Academy for Science and Technology (AAST), is establishing a resident graduate degree program in Information and Communications Technology (ICT) that will help Egypt and other Middle East and North African countries meet the demand for qualified ICT faculty. In support of the resident degree program, the partnership is developing a faculty sabbatical program that will send six Egyptian ICT faculty to a faculty development program at VT, with a focus on instruction, research and advising.

Other Partners: UNESCO

Award Date: 2004 MEPI

Award Amount: \$99,986

Cost Share Amount: \$46,175

Other Funds Leveraged: \$35,100

Lebanon

Madonna University/Notre Dame University

Madonna University and Notre Dame University (NDU) are developing curriculum and enhancing the teaching of American Studies at NDU. The partners are focusing on democratic values and underlying philosophies, political institutions, issues of diversity and women's rights, free and independent media, U.S. history, and themes and values represented in American literature and folklore. The goal is to enhance the American Studies Program at NDU through extensive consultation from and collaboration with an interdisciplinary team of faculty members from Madonna University, drawing on the extensive resources of the Arab American community in the Detroit metropolitan area. Partnership activities include: (1) development of project action teams at each institution; (2) faculty exchange visits and interactive video connections to establish strong channels of communication; (3) workshops on diversity issues; (4) curriculum development; (5) enhancement of library resources at NDU; and (6) development of a community advisory board at both institutions.

Award Date: 2004 MEPI

Award Amount: \$100,000

Cost Share Amount: \$67,534

Other Funds Leveraged: \$55,680

Mexico

Florida International University/Universidad Autónoma de México

This partnership will incorporate master's research as an important component of an ongoing large-scale community forestry project, including the first-ever national study of Mexican community forestry. It will also expand faculty exchanges and research in this crucial field for Mexican rural development. The partnership will support seven one-year graduate fellowships for Mexican participants, three in the United States and four in Mexico with U.S. faculty participation. In addition, two Mexican faculty members will visit the United States for one-year sabbaticals and for appropriate specialty training.

Award Date: 2005 TIES Cycle III

Award Amount: \$295,350

Cost Share Amount: \$356,089

New Mexico State University/Universidad Autónoma de Chihuahua

This partnership will address issues relating to food production and small farm development, natural resources management, and income production/marketing for emerging enterprises in the Sierra Tarahumara. The partnership will support seven scholars who will complete master's degrees at NMSU in areas such as agriculture and organic food production, natural resource management, and developing and marketing micro-enterprises. Each scholar will complete a thesis on a development area of importance to the Sierra and continue to work for the benefit of the Sierra for at least two years. The partners will deliver at least seven training events using best practices in adult education and the "train the trainer" model and will execute recommended marketing strategies for Sierra products in Mexico and the United States.

Award Date: 2005 TIES Cycle III

Award Amount: \$297,344

Cost Share Amount: \$302,764

Pennsylvania State University/Universidad de Guanajuato

This partnership will train Mexican graduate students and faculty to be extension educators and to conduct applied research, both at university facilities and on growers' farms. The partnership also supports short-term exchanges between faculties to improve delivery of the latest use of plasticulture technology to small farmers through extension activities. This low-cost technology can help small farmers transition from maize production to higher value small fruit and vegetable crops.

Award Date: 2005 TIES Cycle III

Award Amount: \$248,738

Cost Share Amount: \$285,450

University of California, San Diego/Centro de Investigación y Docencia Económicas-Científica y de Educación Superior de Ensenada

This partnership will offer nine three-quarter (two-semester equivalent) scholarships for graduate-level training in international affairs or international relations at University of California, San Diego (UCSD). These scholarships, along with two other principal components of the project—summer fieldwork in rural Mexico and telecommunications research fellowships at UCSD—will significantly build capability and expand Mexican expertise in microfinance and telecommunications. The partnership will integrate technical and policy expertise from the United States and Mexico, and increase the number of highly skilled Mexican telecommunications/ development policy professionals.

Award Date: 2005 TIES Cycle III

Award Amount: \$299,916

Cost Share Amount: \$425,705

University of Texas at El Paso/Universidad Autónoma de Ciudad Juárez/Instituto Nacional de Enfermedades Respiratorias

This partnership will build sustainable inter-institutional ties through collaborative graduate level training, research, and community outreach. The focus of these activities will be to: (1) enhance the institutional capacity of the Mexican partners; (2) develop an expert core of Mexican faculty in the area of tuberculosis and related infectious disease prevention, diagnosis, and control; (3) reduce the morbidity and mortality associated with these conditions; and (4) improve the health of Mexican communities. The subsequent training of Mexican faculty and continued collaborative research and outreach will enhance institutional sustainability and professional relationships. These integrated activities also are directed toward increasing the competitiveness of the Mexican workforce by stimulating the development of higher-level jobs in the health and health technology sectors and improving productivity.

Award Date: 2005 TIES Cycle III

Award Amount: \$300,000

Cost Share Amount: \$134,570

University of Texas Health Science Center at San Antonio/Universidad Autónoma de Tamaulipas

This partnership will establish a Master of Infectious Disease degree at the Universidad de Tamaulipas. This graduate program will employ a comprehensive approach to prevention, diagnosis, and control of tuberculosis (TB) and strengthen Mexico's public health infrastructure. The program will provide focused community-based resources to the fight against infectious diseases, with TB as the priority target. A binational curriculum team will partner with key TB experts within the state and nation and will develop a seamless, common methodology of research and evidence-based clinical practice across all professions currently working with TB at-risk populations. The partners will coordinate closely with the Instituto Nacional de Enfermedades Respiratorias to ensure that a common research agenda is applied that will strengthen Mexico's capacity to prevent, diagnose and control TB.

Award Date: 2005 TIES Cycle III

Award Amount: \$295,974

Cost Share Amount: \$499,662

University of Wisconsin–River Falls/Instituto Tecnológico Agropecuario

This partnership will increase Mexican institutional capacity in agribusiness development and management, market coordination/development, and collective action. The partnership will provide two semesters of training for seven Mexican faculty members at University of Wisconsin–River Falls in agribusiness/management and agricultural education. The partners will upgrade and enhance the agribusiness curriculum at Instituto Tecnológico Agropecuario, and trained Mexican faculty will start a producer education program in the region.

Award Date: 2005 TIES Cycle III

Award Amount: \$237,245

Cost Share Amount: \$149,210

Morocco

Montana State University/Al Akhawayn University, Ifrane

Through the development of a PhD program in computer science at Al Akhawayn University, Ifrane (AUI), Montana State University (MSU) and AUI are collaborating to create a reliable stream of Information and Communications Technology (ICT) graduates to supply Morocco with needed academic and industry professionals. The partnership will offer MSU's PhD degree program in computer science to scholars at AUI, where MSU faculty will deliver graduate courses in Morocco in a compressed format and work with and

advise the PhD students. The PhD students will be guided by AUI faculty members who will remain in close contact with MSU faculty. The PhD candidates will spend at least four weeks a year at MSU-Bozeman to work with their advisors on coursework and theses. MSU faculty will plan and deliver professional development courses to ICT professionals in key cities in Morocco.

Award Date: 2004 MEPI
Award Amount: \$99,936
Cost Share Amount: \$41,739
Other Funds Leveraged: \$ 32,690

Saudi Arabia

Duke University/Effat College

Duke University's Pratt School of Engineering and Effat College are partnered to establish a new and innovative curriculum in computer engineering at the Bachelor of Science level at Effat College. The new curriculum will include instruction in information processing, information technology and networks. Partners are developing a curriculum through the: (1) identification of an appropriate curricular theme; (2) development of a theme-based introductory course and major curriculum that includes fundamental concepts of electrical and computer engineering (ECE); (3) development of theme-based design courses that integrate core technical competencies; and (4) use of MATLAB (a scientific and engineering software tool for numerical computations with matrices and vectors) throughout the curriculum. Design concepts and hands-on learning are integrated within the entire curriculum from the earliest stages of a student's education through senior design projects, and team-based learning will be an important method of education delivery. The program will include curricula development, student internship/practicum experience, faculty training, and evaluation and accreditation assessment.

Award Date: 2004 MEPI
Award Amount: \$99,932
Cost Share Amount: \$143,769

Tunisia

Bowling Green State University (BGSU)/Institut de Presse et des Sciences de l'Information (IPSI)

This partnership is working to create core curriculum revisions at IPSI, including a new Bachelor of Science in Journalism focusing on international and democratic media, and to provide new learning opportunities for media and journalism students at both institutions. The partners will develop new curricula and key courses including: women and the media, new media, the role of media in building civil society, and journalism ethics. The partnership will develop innovative teaching techniques in media and journalism using online and distance education, and BGSU will work with IPSI to strengthen university and departmental administrative processes, to establish an internship program for IPSI students participating in an intensive communication workshop on women and the media, and to enhance existing computer labs and develop a plan for a new multimedia lab.

Other Partners: Etablissement Radio Télévision Tunisienne (ERTT); BBC North Africa; Tunis Afrique Press (TAP); Mosaïque; La Presse; Essahafa; Le Renouveau; El Horia; Le Temps; Essabah; Echoura; Essarih; Réalités; L'Observateur; Association Tunisienne Femmes pour le Développement Durable in Tunis; Institut Méditerranéen de l'Economie Sociale in Tunis; Association Générale des Insuffisants Moteurs de Tunisie; La Banque Tunisienne de Solidarité; Centre d'études maghrébines à Tunis (CEMAT); WBGU-FM PBS; Great Lakes Interscholastic Press Association; Warmuth Design

Award Date: 2004 MEPI
Award Amount: \$100,000
Cost Share Amount: \$217,547
Other Funds Leveraged: \$8,000

West Bank/Gaza

University of Michigan-Dearborn/Al-Quds University

This partnership is designed to strengthen American Studies programs at both institutions by developing new programs, curricula and training involving faculty, students and administrators. Partners will develop new forms of methodology, epistemology and pedagogy related to American Studies in the Arab world and new approaches to American Studies in the United States. These involve issues of gender and race/ethnicity in the contemporary United States, as well as on the history, experiences and cultural products of immigrant and minority communities. Partnership activities include: (1) a survey of American and American Arab Studies curriculum and courses at Al-Quds and the University of Michigan-Dearborn and other institutions; (2) short term faculty exchanges that will lead to an ongoing visiting scholars program; (3) collaborative curriculum development for undergraduate and graduate American Studies courses; (4) intensive two-week institutes for younger scholars focusing on innovative pedagogical methods; and (5) student exchanges between the two institutions.

Award Date: 2004 MEPI

Award Amount: \$100,000

Cost Share Amount: \$35,067

East Africa Regional (Kenya, Tanzania, Uganda)

Ohio State University/Michigan State University/Egerton University/Sokoine University of Agriculture/Makerere University

The partners, with the assistance of the Regional Universities Forum for Capacity Building in Agriculture (RUFORUM), are working to strengthen the human capacity of East African faculties of agriculture (FOAs) to improve smallholder agricultural productivity and to address food security concerns through research, training and outreach activities. A general decline in support for higher education in agriculture over the past 15 years and burgeoning undergraduate student enrollments threaten the quality of teaching and research capacity of FOAs in East Africa and their ability to contribute to the commercialization of smallholder agriculture. Through the provision of an innovative, replicable, cost-efficient long-term degree training program for future scientists and teachers, the partnership will help FOAs meet this human resource challenge. In addition to long-term degree training, the partners will provide short-term training programs for FOA faculty members to develop and update their skills in areas of critical need and to strengthen links between FOAs and agribusinesses. A research seed grants program will be established to support in-region thesis research.

Other Partners: Regional Universities Forum for Capacity Building in Agriculture

Award Date: 2004 HEPAD

Award Amount: \$799,651

Cost Share Amount: \$286,096

Other Funds Leveraged: \$21,071

Southern Africa Regional

Iowa State University/International Crops Research Institute for the Semi-Arid Tropics/Food Agricultural and Natural Resource Policy Analysis Network/Southern Africa Development Community Seed Security Network

The partners are collaborating to examine existing investments, new approaches, and current programs to increase the availability of new seed technologies, stimulating market development, enhancing seed availability and building a framework for a sustainable seed sector in Southern Africa. They will engage seed companies and the national seed trade associations of Angola, Malawi, Mozambique, South Africa, and Zambia as they focus their efforts on policies and regulations that are efficient, enforceable and compatible with market-led development.

The primary objectives of the collaboration are to: (1) bolster partners' capacity to participate in seed policy and regulatory development; (2) improve national seed legislation to stimulate investment in national and regional seed industries; (3) harmonize policies and regulations in the areas of seed certification, labeling, accreditation, plant variety protection, biosafety procedures, and variety evaluation; and (4) enhance the capacity to link technical analysts and policy makers in an on-going process of regulatory reform.

Award Date: 2004 RCSA

Award Amount: \$669,965

Cost Share Amount: \$307,696

Oregon State University/University of Pretoria/Washington State University/Tennessee State University/Pennsylvania State University/Michigan State University/International Institute for Tropical Agriculture/International Development Enterprises/World Agroforestry Center

The Rural Livelihoods Consortium is creating a network of U.S. and African universities, international agriculture research centers (IARCs), NGOs, and private sector partners to improve rural livelihoods in sub-Saharan Africa through applied agricultural research and appropriate technology development and transfer. The consortium will develop a strategic framework to strengthen long-term linkages between universities and research institutions, NGOs, and the end users of applied research. The consortium will address major technical and social constraints to improving rural livelihoods in sub-Saharan Africa and will incorporate cross-cutting themes into the technical and social sciences clusters, including the impact of HIV/AIDS on farming systems and food security, gender roles as a constraint to improved rural livelihoods, environmental conservation as a key element of improved rural livelihoods, and the role of information communication technologies in improving opportunities for rural livelihoods. The consortium will be organized around two technical clusters — low cost/low labor irrigation and conservation farming, and crop diversification and intercropping. Training, demonstration and evaluation will be woven into individual clusters and provide access for the partners to address gaps in knowledge or skills, and each cluster will be tasked with developing market-led. The partners are working in Angola, Malawi, Mozambique, South Africa, and Zambia.

Award Date: 2004 RCSA

Award Amount: \$2,350,000

Cost Share Amount: \$514,227

Other Funds Leveraged: \$24,615

Rutgers University/University of Zambia

The partners, with the assistance of Stellenbosch University (SU), Agribusiness in Sustainable Natural African Plant Products (ASNAPP) – South Africa, ASNAPP – Southern Africa, government agencies, non-governmental organizations, buyers, seed companies, and trade associations, are collaborating to assess the type, range and diversity of genetic materials available to growers and researchers for specialty and non-traditional crops such as indigenous teas, herbs, medicinal plants, essential oils, vegetables, and paprika. They will survey the food/agriculture industry and users, including producers, collectors, buyers, and marketers of non-traditional crops. Key private sector collaborators include companies working with paprika, seeds, essential oils, spices, specialty vegetables, herbs, and herbal teas. The partners will develop strategies to improve farmer access to improved and appropriate germplasm by working closely with buyers and processors in Southern Africa. A secondary objective of the partnership is the establishment of a germplasm database and pilot germplasm banks at the University of Zambia and SU. The scope of this partnership project will extend beyond South Africa and Zambia into Malawi and northern Mozambique.

Other Partners: Stellenbosch University; Agribusiness in Sustainable Natural African Plant Products (ASNAPP) – South Africa; ASNAPP – Southern Africa

Award Date: 2004 RCSA

Award Amount: \$550,000

Cost Share Amount: \$277,501

Worldwide

Vanderbilt University/University of Pittsburgh/University of Virginia

Vanderbilt University, with the cooperation of the University of Pittsburgh, and the University of Virginia, will measure the impact of U.S. foreign assistance on democratic development. The partners will employ a statistical technique known as latent growth analysis to model the trajectory of democracy indices in different countries as a function of USAID activity and multiple control variables. Partners will develop a dataset covering more than 100 countries between 1980 and 2002. Partners will disseminate the results of the study through several mechanisms: an on-line database that will make the basic information available; publications in specialized journals; presentations at national and foreign universities; panels in professional conferences; and workshops for USAID and the international donor community.

Award Date: 2004 D&G

Award Amount: \$296,590

Cost Share Amount: \$149,403



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National Association of State Universities and Land-Grant Colleges

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