

2003
Annual Report

**Office of International Programs
in Agriculture**

College of Food, Agricultural, and Environmental Sciences



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2003 Annual Report

Office of International Programs in Agriculture

Introduction

Over the past year, the Office of International Programs in Agriculture (IPA) has actively provided support services to faculty and staff in the College of Food, Agricultural, and Environmental Sciences (CFAES). These have been related to all three major operational dimensions of the College, namely, student learning, discovery, and engagement. We have continued to give emphasis to internationalization of programs in the College, with renewed emphasis on the generation of extramural funding, consistent with the recently implemented university wide responsibility based budgeting system. The Office has received core support from OSU Extension, the Ohio Agricultural Research and Development Center, and the Office of Academic Affairs. It has also benefited from input from other offices and programs on the OSU campus, in particular, the Office of International Education and Department of International Studies, the Office of International Affairs and its affiliated Areas Studies Centers, and the Fisher College of Business Center for International Business Education and Research.

The Office mission is to prepare OSU students and stakeholders to participate in the global agricultural economy. The Office seeks to maximize the ability of stakeholders to respond to rapidly changing global economic, social, and political environments while becoming more effective and responsible world citizens. Global innovations based in scientific research continue to directly impact rural Ohio and its economy.

As we look to the future, we expect to build on activities of this past year. We invite you to participate and we welcome ideas about how to expedite our Office mission.



David O Hansen
Associate Dean & Director



Student Learning

Study Abroad

The level of participation in study abroad programs sponsored by the IPA Office has continued to remain high. During 2003, 96 students traveled abroad through ag-related programs offered overseas.

Mandy Pillivant joined the Office in January as the coordinator for these programs. She brings a wealth of experience to the job, including previous participation in the programs as an undergraduate student and staff experience at the Agricultural Technical Institute in Wooster, Ohio. In all, 70 CFAES students and 26 students from other OSU colleges participated in the 5-6 week programs. Students earn 15 graded OSU credits for each program.



Soil testing in Poland, SU '03

Resident directors for the 2003 study abroad program programs were:

- Brazil - **Garee Earnest**, Director, OSUE Leadership Center
- Russia - **Margaret McMahon**, Professor, Horticulture & Crop Sciences
- Czech Republic - **David Hansen**, Director, IPA Office
- Dominican Republic - **Grady Chism**, Professor, Food Science & Technology
- England - **Pablo Jourdan**, Professor, Horticulture & Crop Sciences
- Australia - **Joy Pate**, Professor, Animal Sciences
- Mexico - **Valente Alvarez**, Professor, Food Science & Technology
- Poland – **John Heywood**, Professor, School of Natural Resources



Hanging out in Mexico, SU '03



Game reserve in Australia, WI '03



Czech Republic meets OSU, SU '03

Partial scholarships were provided to seventy CFAES students from various sources, including endowments established by former faculty members and staff of the college.

The IPA works closely with the OSU Office of International Education in the management of these study abroad programs. We are grateful to its Director, **John Greisberger**, and to several staff of his Office, in particular, **Grace Johnson**, **Jeannie Bonner**, and **Jenny Kraft** for their excellent collaboration.



Internship Program

This program, managed by **Michael Chrisman**, hosted 304 international student trainees from twenty-six countries during 2003. They were placed with agribusinesses in Ohio and 31 other states. The program also placed 16 U.S. students on internships abroad, 12 of whom were from The Ohio State University. OSU students were placed on golf courses in Australia, the United Kingdom, and Ireland.



Interns from Pallaskenry College, Ireland, visiting JD Equipment, London, OH



WI '03 OSU Interns with Michael Chrisman, Gabriella Pearse-Danker, Michael O'Keeffe, Fabrice Ligny, and John Beardmore, OSU Internship Program staff.



Richard Wilson, United Kingdom, interning with Lance Frederick farms, KS



Stephen Heyns, South Africa, interning with Jefferson Vineyards, VA



Krisztina Artim, Hungary, interning at Old Westbury Gardens, NY, with Peter Grant, Head of Horticulture

- **Fund Raising** – The program celebrated its 25th anniversary of operation. It continues to generate revenue to pay for all operational costs.
 - The internship program completed a fund drive for the **Daniel Renn Fund** (\$25,000) to support the placement of German interns in the U.S. In addition, a new scholarship fund has been established to seek support from hosts for training. Last year this program raised \$5,900.
 - **Dr. Bobby Moser, Dr. Karl Danneberger, and Michael O'Keeffe** met with **Steve Mona**, CEO of the Golf Course Superintendents Association of America, to discuss opportunities for Australian student internships in the USA with funding from the Institute. Negotiations continue.
 - Through his work with **Dr. Joseph DiPaola** on the Global Turf Grass Conference sponsored by Scotts, Bayer International, Syngenta, Griffin.LLC and the Golf Course Superintendent Association of America, **Michael O'Keeffe** has recently secured a commitment from Syngenta to provide



\$8,000 in scholarship funding for the global internship program. Scholarships were awarded this year to interns from Ireland, the United Kingdom, and Italy.

- **Myerscough: Horticulture and Turf Study** – At a meeting with the Ohio Turfgrass Foundation Board, **Michael O’Keeffe** obtained support for a study abroad program to be led by **David Willoughby** and **Gary Anderson** of the Agricultural Technical Institute. They have received a verbal commitment from the Turfgrass Foundation to support 10-15 students on this tour in 2004. **Michael O’Keeffe** has also completed negotiations with Myerscough College to send 10-14 Meyerscough students on an equine study tour to the Agricultural Technical Institute in 2004.

- **Agreement with Hungarian Ministry of Agriculture** – An Agreement was signed between the Hungarian Ministry of Agriculture and The Ohio State University to support the placement of 20-40 Hungarian interns annually through the program. Hungarian representatives visited the OSU campus in November at which time the agreement was signed. **Michael Chrisman** and **Gabriella Pearse-Danker** hosted this visit.



- **Projecting the OSU Internship Program around the World and on Campus**
Staff members have given presentations about the program on several campuses. In the process they recruited students for placement in the U.S. and educated the European university and college administrators, faculty and students about programs at The Ohio State University.

- **John Beardmore** - Harper Adams University and the following colleges: Rease Heath, Cannington, Moreton Morrel, Merrist Wood, Moulton, Lackham and Brooksby, all in the United Kingdom.
- **Michael O’Keeffe** - Pallaskenry, Tralee, Warrenstow, Kildalton, and Clonakilty Colleges in Ireland.
- **Michael Chrisman** - St. Istvan University, Hungary; Czech University of Agriculture; Osnabreuk University, Germany. Contacts within the industry and with potential recruits are maintained through a trade show booth at the IPM Horticulture Show in Germany and the OFA Short Course associated with the largest floriculture and greenhouse production trade show in the U.S.
- **Gabriella Pearse-Danker** -- Her contact with the Agricultural Trade Office/USDA in Osaka, Japan, laid the foundation for three horticultural students from Tokyo University to attend classes at OSU, followed by internships. **Gabriella** has served as office representative on the Campus Campaign 2003, the Staff Advisory Council (SAC), and VPAC. As part of her involvement with SAC she chaired the task force on careers, promotion and salary issues.





- **Hosting of International Visitors** – The Internship staff hosted several visitors from other countries who came to The Ohio State University to learn more about the internship program and related OSU academic programs. These visitations were funded by the internship program. Visitors included:
 - **Wayne Roberts**, Head of Turf; **Gary Wilkinson**, Business Manager; and **David Grecic**, Head of PGM, from Myerscough College, U.K.
 - **Harold Lawlor**, Head of Horticulture and Turf, Warrenstown College, Ireland.
 - **Dr. Donnachadh MacCarthaigh**, Head of the Research Center, and **Dr. Rolf Roeber**, Head of Horticulture, Weißenstephan, Munich, Germany.
 - **David Cousins**, *Farmer's Weekly*, (the top selling agricultural magazine in the United Kingdom), featured the Intern Program in a two-part article following his visit to OSU.

Peace Corps

The Ohio State University Peace Corps Recruiting Office has been located in the International Programs in Agriculture Office since 1974. The mission of the Peace Corps is to promote world peace and friendship by promoting a better understanding of other people.

Volunteers commit to 27 months of training and service overseas, during which time they learn to speak another language and to adapt to the culture and values of the people with whom they work and serve.



According to a report by the Peace Corps called, "Top Producing Colleges and Universities 2004," Ohio State ranked fourteenth in the number of alumni serving in the Peace Corps. The OSU Peace Corps Office recruits and selects applicants from OSU and the outlying Columbus area. Currently, 63 Ohio State alumni are serving around the world as Peace Corps volunteers.

Kristina Monroe, the current Peace Corps representative at OSU, holds information meetings each month across the OSU campus or on other Ohio college campuses. She participates in all major OSU career fairs. She is available for presentations to classes or organizations, holds office hours to visit with interested students, speaks to a variety of groups on campus about service in the Peace Corps, and assists in interviewing applicants. Each year hundreds of students call, visit, or write for information on Peace Corps opportunities.

Discovery

During 2003, the IPA Office continued to support several programs which facilitate active participation by OSU/CFAES research scientists in the global agricultural research network. These programs contribute to the overall research output of the faculty. They provide financial support for research and access to global networks in which to carry it out. Most of these programs are funded by U.S. government agencies.

Integrated Pest Management Collaborative Research Support Program (IPM CRSP)



This OSU program is entering its eleventh year. It is being funded by USAID through a grant to Virginia Tech University. The program involves faculty from informal consortium member universities including Penn State, Lincoln, Purdue, Montana State, the University of California/Davis, Fort Valley, Maryland/Eastern Shore, Florida A&M and North Carolina A&T. Together, the consortium is involved in collaborative research activities at eight different research sites, including the Philippines, Bangladesh, Ecuador,

Guatemala, Jamaica, Albania, Uganda and Mali. OSU participating faculty are:

- **Bangladesh – Sally Miller** – Plant Pathology.
- **Ecuador – Roger Williams**, Entomology and **Mike Ellis**, Plant Pathology.
- **Jamaica – Clive Edwards**, Entomology.
- **Philippines** – Site Chair, **Sally Miller**, Plant Pathology.
- **Uganda** – Site Chair, **Mark Erbaugh**, IPA and Rural Sociology; **Richard Pratt**, Horticulture and Crop Science; **Ronald Hammond**, Entomology.

Vice President and **Dean Bobby Moser** serves as Chairman of the Board of Directors for the IPM CRSP. Over the past year, this program resulted in numerous scientific publications, many of which have been coauthored by OSU research scientists.

Uganda Coffee Wilt Project

The IPM CRSP received special funding from the USAID Mission in Kampala, Uganda to study the problem of coffee wilt in that country. **Mark Erbaugh** was responsible for negotiating this funding and is responsible for oversight of the research. **Sally Miller** and **Melanie Ivey** provided the technical backstopping for this effort.



Aquaculture CRSP

Konrad Dabrowski, Natural Resources/Fisheries, has been an active participant in the Aquaculture CRSP. Over the past year, he has collaborated with counterparts in Peru and Mexico on projects involving fish genetics. He has also hosted several visitors from these sites in his laboratories on the OSU campus.

Sustainable Agriculture/Natural Resources Management (SANREM) CRSP

Douglas Southgate, Agricultural, Environmental, and Development Economics, is participating in the SANREM CRSP. He has initiated a study of the economics of water resource development in Ecuador. This study is being carried out in collaboration with an NGO in Ecuador. It is focused on the value which consumers place on watershed conservation as well as the costs of water.

Middle East Regional Cooperation Project (MERC)

Mo Saif, Director of the Food Animal Health Program, and **Mark Erbaugh**, IPA Assistant Director, continued to provide leadership to a U.S. Agency for International Development (USAID) project focusing on poultry production in the West Bank region. This project engages scientists from Palestine, Jordan and Israel, and benefits from administrative inputs by CARE International. This project is currently slotted for second phase funding to begin in October 2004.

Competitive International Grants Program

Three new competitive grants were awarded under the OARDC International Competitive Grants Program. OARDC provides funding for this program which is designed to promote research collaboration between OSU/CFAES and international scientists from around the world. Grant awards were made to the following scientists:

- **Mark Sulc** – Horticulture and Crop Science – *Integration of Livestock Grazing and Row Crop Systems in Ohio and Southern Brazil* – Cooperating Country, Brazil.
- **David Ferree, Doug Doohan, and John Cardina** – Horticulture and Crop Science – *Comparative Biology, Management, and Herbicide Resistance in Weeds Invading Vineyards in Ohio and Chile* – Cooperating Country, Chile.
- **Parwinder Grewal** – Entomology – *Determining the Mechanism of Symbiosis between the Slug-parasitic Nematode Phasmarhabditis Hermaphrodita and Associated Bacteria* – Cooperating Country, Scotland.

India Soil and Water Quality Project

CFAES continued to pursue an active research program, building on fifty years of involvement with institutions in northwest India. **Rattan Lal**, School of Natural Resources, has taken the leadership for this program. Collaboration continued on the research project, *Food Security and Soil and Water Quality*, managed by the M.S. Swaminathan Research Foundation in Chennai, India, with funding from the Sir Dorabji Tata Trust. This funding was provided to involve OSU research scientists in field research at three sites in India, namely, Punjab, Jabalpur and Tamil Nadu. **Rattan Lal** and **Cathy Rakowski**, Rural Sociology,



visited the sites in India and gave recommendations for continued research. OSU also received a visit from research scientists from the three sites. The delegation was headed by **P.C. Kesavan**, Project Manager at the M.S. Swaminathan Research Foundation. Discussions regarding the continuation of the project into phase II are ongoing.

American University of Beirut

Funded by a special project through USDA and the University of Toledo, OSU scientists are collaborating with counterparts at the American University of Beirut (AUB) on a project designed to identify potential medicinal properties of flora indigenous to Lebanon. Under this project, OSU has two Ph.D. graduate students from AUB currently undertaking their programs. One is hosted on the OARDC campus by **Floyd Schanbacher**, Biochemist/Animal Sciences; the other is hosted on the OSU campus by **Martin Quigley** and **Daniel Struve**, Horticulture and Crop Sciences. This project has involved reciprocal visits by scientist from both universities. **Norman Rask**, Agricultural Economics, and **Daniel Struve**, Horticulture and Crop Sciences visited Lebanon. The project has recently received additional funding from USDA.

International Visitors

Hosting short-term visitors and administering collaborative research and training programs are additional services rendered to the College by the International Programs in Agriculture staff. Over the past year IPA hosted 108 visitors from twenty-two different countries.

India

Punjab Agricultural University sent three young faculty members to spend three-month mini sabbaticals with OSU counterparts. They and their counterparts are:

- **Rabinder Singh Aulakh**, Meat Science / **Herbert Ockerman**, Animal Sciences.
- **Balwinder Singh Gill**, Crop Breeding / **Steve St. Martin**, Horticulture & Crop Sciences.
- **Prit Pal Lubana**, Soil & Water Quality / **Larry Brown**, Agricultural Engineering.

CFAES also hosted several visiting scholars from India under the World Bank-funded National Agricultural Technology Project, administered by the Indian Council of Agricultural Research. They were hosted by **Rattan Lal**, School of Natural Resources. Among visiting scholars were:

- **N.G. Barua**, Assam Agricultural University.
- **T. D. Pandey**, College of Agriculture, Jagdelpur.
- **S. Sarkar**, Water Management Project, West Bengal.
- **Gudapati Jayasree**, Rajendranagar, Hyderabad.
- **T.K. Sen**, National Bureau of Soil Survey & Land Use Planning, Nagpur.



Indian visitors with Dr. Gary Mullins, Dr. Rattan Lal, Dr. Bobby Moser, & Dr. David Hansen

Premalata Singh, a visiting scholar from the Indian Agricultural Research Institute, followed a program focused on women in development. **Cathy Rakowski**, Rural Sociology, and **Larry Miller**, Agricultural Education, served as her counterparts.

Armenia Cochran Fellowship Program

In August of 2003 CFAES hosted a visiting delegation from Armenia that was here to learn more about youth development programs, particularly those supported through OSU Extension. Hosted by **Kathy Cox**, 4-H Extension Specialist who took major responsibility for this programming activity, and **Jeff King**, Director of the 4-H program, the delegation included **Gayane Mortechnyan**, **Silva Mamikonyan**, **Yemma Khachatryan**, **Saribek Dollahian**, **Nune Avetisyan**, **Tatevik Avetyan** and **Nara Harutyunyan**. They visited various counties in Ohio and attended 4-H program activities including county fairs and the Ohio State fair. **Kathy Cox** has been invited to further collaborate with them in Armenia.

China Seed Project

The Seed Biology Group hosted a visit by a delegation of seed technologists sponsored by the Chinese Ministry of Agriculture. The delegation, led by **Mrs. Han Qingruih**, Deputy Division Chief, National Agro-Tech Extension and Service Center, consisted of 13 technicians and administrators. **Mark Erbaugh** and **Mandy Pillivant** coordinated the visit. The program was led by **Miller McDonald**, **Mark Bennett**, and **Andy Evans**, Horticulture & Crop Sciences, **David Tay**, Director, Ornamental Plant Germ Plasm Center, and **John Armstrong**, Ohio Seed Improvement Association. The group visited scientists in Columbus and Wooster, in addition to interacting with appropriate private sector representatives of the seed industry.

China Agricultural Engineering Visit

CFAES hosted a visiting delegation from the Chinese Society of Agriculture Engineering. The delegation was invited to OSU by **K.C. Ting**, Chairman, Food, Agricultural, and Biological Engineering. **Prof. Ting** had extensive previous interaction with the delegation in China. **Mark Erbaugh**, International Programs helped to host the delegation.



Ag Engineers from China with Mark Erbaugh, Howard Zhang, and Tony Jin



Engagement

CFAES continued its tradition of quality outreach programs designed primarily to provide faculty with opportunities to gain international experience while providing useful services in other nations. Most of these activities have been funded using resources from third parties.

Egypt Project

OSU/CFAES is cooperating with several MUCIA institutions on the Cooperative Agreement for Institutional Linkages Activity as part of the Egypt Agricultural Exports and Rural Incomes (AERI) Project for which the University of Illinois serves as the lead institution. **David Hahn**, AEDE, **David Zartman**, Animal Sciences, **Kent Hoblet**,



David Zartman, Roger Natzke, & Egyptian colleagues



Egyptian goat herd.

Veterinary Preventive Medicine, and **Richard Funt**, Horticulture & Crop Sciences, traveled to Egypt to participate in the first phase of this project which focused on strengthening public-private sector linkages and capacity building of graduate teaching and research programs.

USDA Faculty Exchange

For the second consecutive year, CFAES participated in a faculty exchange program managed by the USDA Office of International Cooperation. This program brings young agricultural economics scholars to the United States from regions that formerly were part of the Soviet Union. During their five-month period of residency in Departments of Agricultural Economics, they are exposed to liberal western agricultural economics and to the U.S. land grant university system. While on campus they attend courses being taught in agricultural economics with the purpose of modifying courses they are currently teaching at their home universities and/or introducing new courses. The program allows for CFAES faculty involved in the program to visit with former scholars in their homeland during the year as well. **Jeff Layman** traveled to Uzbekistan and **Donald Larson** traveled to the Ukraine to visit former scholars.

The following scholars participated in the OSU program this past year:



Farewell to USDA Faculty Exchange Program Scholars WI '03

- **Sanjar Adilov** – Tashkent State Agrarian University, Uzbekistan.
- **Farhod Ahrorov** – Samarkand Agricultural Institute, Uzbekistan.
- **Viktoria Zakharova**, Buryat State Agricultural Academy, Buryatia, Russia.
- **Olga Ozhogova**, Novosibirsk State Agrarian University, Russia.

This project is being managed by **Jeff Layman**, OSU Extension, who is currently placed with



the Department of Agricultural, Environmental and Development Economics. Faculty participating in the project include **Donald Larson**, Marketing; **Thomas Sporleder**, Agribusiness; **David Hahn**, Cooperatives; **Marvin Batte**, Farm Management; **Bernie Erven**, Labor and Human Resources Management; **Lynn Forster**, Farm Management; and **Stanley Thompson**, Marketing.

In October, **Jeff Layman** and **David Hansen**, International Programs, participated in a conference in Moscow which brought together former participants in the program. The conference was designed to facilitate sharing of experiences among former participants and to identify additional programs of collaboration among former participants and U.S. delegates and their home institutions.

USDA Marketing Agricultural Products Project

Several faculty members from CFAES provided technical assistance to this important project during 2003. **Allan Lines**, Agricultural Economist, served as the project director in Yerevan for the entire year. In this capacity, he supervised a large staff and about eight million dollars in programming. **Kelso Wessel**, Agricultural Economist, undertook several short-term assignments in Armenia during the year. He contributed to the development of competent record keeping by farmers and agribusiness men. **Poul Hansen**, Food Science & Technology, also undertook a short term assignment in the area of dairy product development, with an emphasis on cheese making.

Armenia Marketing Assistance Project (MAP)

Grady Chism and **Frederick Bok**, Food Science & Technology, traveled to Armenia as part of the USDA MAP project to observe and make recommendations for improving the sanitary procedures of Food Processing industries. While in Armenia they visited with numerous food processors and prepared a report for consideration by leaders of the MAP project.

USDA Georgia Agricultural Quality Improvement Project

Funded through USDA, this project was initiated in the Republic of Georgia (a former Soviet State on the Black Sea) with its headquarters located in Tbilisi, the capital. **Allan Lines** was helpful in getting it initiated and spent time in Tbilisi during the latter part of the year. **Jeanne Bartholomew** left for a long-term assignment in Georgia this year. She is working in rural areas to improve the quality of agricultural production and the quality of transformation of agricultural products.

Agribusiness Development Project in Tanzania

This project, "Building Institutional Capacity through Linkages with the Private Sector: Developing an Agribusiness Management Program at Sokoine University of Agriculture," is funded by the Association Liaison Office of the American Council of Higher Education with USAID funding. The project involves **Mark Erbaugh**, International Programs, **Don McFeeters**, **Tom Worley**, **Julie Fox** and **John Ellerman** from the OSU South Center, and **David Hahn** from the Department of Agricultural, Environmental, and Development Economics. Located in Morogoro, Tanzania, the main purpose of the project is to



Store in Tanzania

strengthen the Sokoine University of Agriculture's capacity to provide business-oriented training and outreach activities through enhanced linkages with the private sector. **Melchior Mlambiti** from the Sokoine Department of Agricultural Economics undertook a three-month sabbatical at the South Center and then joined **Mark Erbaugh** in presenting a project summary at the ALO annual meeting held in Washington, D.C. in August. **Mark Erbaugh** and **Julie Fox** then traveled to Tanzania to design and implement a survey of agribusinesses in five regions of Tanzania.

Agribusiness Development Project with Makerere University

Also funded by the Association Liaison Office of the American Council of Higher Education with USAID funding, this project, "Building University Outreach Capacity in Africa: A Pilot Agribusiness Management Program at Makerere University," was completed in September of 2003. This successful three-year project with a one-year no-cost extension was designed to improve Makerere University's (MU) capacity to provide relevant agribusiness training and outreach activities through enhanced linkages with the private sector. **David Hahn**, Department of Agricultural, Environmental, and Development Economics provided technical supervision to this project which was coordinated by **Mark**



Don Larson with his Ugandan counterpart, Swaibu Mbowa



Dave Hahn & Ugandan farmers

Erbaugh, OSU/IPA, and **Swaibu Mbowa**, MU/Department of Agricultural Economics and Agribusiness. **Donald Larson** and **David Hahn** developed Ugandan agribusiness case studies and demonstrated how they could be used in the classroom. **Mark Erbaugh** presented on the "New Pedagogy" at the final dissemination conference held at MU in July and wrote the project's final report. **Mark Erbaugh** and **Swaibu Mbowa** participated in the annual ALO Conference in Washington, D.C. in August, at which time they shared project experiences with other ALO award recipients.

Restructuring the Faculty of Agriculture at Makerere University

Three faculty from Makerere University visited CFAES April 12-15 to discuss a restructuring of five current departments into one College and to observe how OSU integrates our three missions of teaching, outreach and research. The visitors were hosted by the IPA Office, **David Hansen** and **Mark Erbaugh**. They met with **Barbara Ludwig**, **L.H. Newcomb**, **Don McFeeters**, **Gary Mullins**, **Kent Hoblet**, **K.C. Ting** and **Larry Brown**. The visiting Ugandan delegation was headed by **Joseph Kibalama**, OSU Ph.D. in Agricultural Engineering, **Agnes Akwang**, and **Panta Kasoma**.

Restructuring Ugandan Agricultural Extension System

A four person team from the Ugandan National Agricultural Advisory Services visited OSU for three days to develop a Quality Assurance Framework for Extension Delivery Systems.



Coordinated by **Mark Erbaugh**, IPA, the team met with **Bobby Moser**, **Keith Smith** and **David Hansen**, as well as other members of OSU Extension administration including **Nikki Conklin**, **Tom Archer**, and **Gary Gibbons**. Professors **Bob Furbee**, Communication and Information Technology, **Larry Miller**, Human and Community Resource Development, **Fred Bok**, Food Industries Center, and **Joanne Kick-Raack**, Extension Entomology, also met with them. The delegation consisted of **David Kazungu**, National Agricultural Advisory Service; **Okaasai Opolot**, Ministry of Agriculture; **Betty Banyoya**, Ministry of Public Services; and **Eve Kasirye-Alemu**, Quality Assurance Agribusiness Management Consultant.

Strategic Planning for the Seed Industry in East Africa

Gary Gibbons, OSU Extension, was the invited leader of two strategic planning efforts with the East African Seed Trade and the Ugandan Seed Trade Associations. **Miller McDonald**, Horticulture & Crop Sciences, was invited to address a USDA-sponsored seed technology meeting for Eastern Africa held in Kampala, Uganda in July.

FAO Ambassador Tony Hall Visit to Campus

Ambassador Tony Hall, former U.S. Congress representative from the Dayton area, spent several days on the OSU campus during Spring 2003. While on campus he presented a seminar on issues of food and underdevelopment, participated in a panel discussion of food security issues, and met with university leaders and faculty members as well as private sector stakeholders. His visit was coordinated through the International Programs Office. Ambassador Hall's nomination for the 2003 World Food Prize was actively supported by CFAES through **Dean Bobby Moser**.

East African Delegation Visits Campus

The Ohio State University was selected by the Partnership to Cut Hunger in Africa to host East African representatives. Following discussions in Washington, D.C. which focused on the African Growth Opportunities Act (AGOA), the delegation, which was led by the Ugandan Ambassador to the U.S., **Ambassador Edith Ssempala**, and which included **Dr. Romano Kiome**,



(l to r) Romano Kiome, Josephine Okot, Karen Holbrook, Edith Ssempala, Julie Howard, & Mark Erbaugh

Director of the Kenyan Agricultural Research Institute, and **Ms. Josephine Okot**, Director of the Uganda Seed Trade Association, visited the Ohio State University campus. The Executive Director of the Partnership to Cut Hunger and Poverty in Africa, **Dr. Julie Howard**, accompanied the group. **Mark Erbaugh**, Assistant Director of the International Programs Office, organized the visit. It included a luncheon which was organized by **Jerry Ladman**, Office of International Affairs, and hosted by OSU **President Karen Holbrook**, meetings on campus, an open forum



Ambassador
Edith Ssempala

with stakeholders from around Ohio, meetings with the Ohio Farm Bureau, and other opportunities for interaction.



Global Climate Change Workshop

The International Programs Office co-financed a major workshop on the OSU campus in June. It was organized by **Rattan Lal**, School of Natural Resources, and **David Hansen**, International Programs Office. Other sponsors were Cornell University and Texas A&M University. Additional funding was provided by USAID and the OSU Office of International Affairs. It was a multi-institutional activity involving USDA, the Consultative Group for International Agricultural Research, the World Bank, the UN/Food and Agricultural Organization and other entities. The purposes of the seminar were:

- to assess the impact of projected changes in CO₂ and other greenhouse gases on climate change, soil resources and food security.
- to discuss the effects of CO₂ fertilization and change in soil quality on biomass and agronomic production.
- to identify management options for terrestrial carbon sequestration.
- to debate and elaborate policy issues which facilitate land use change and soil/vegetation management for terrestrial carbon sequestration.
- to prioritize research and development action plans at national and international levels.

Focusing on *Global Climate Change and its Relationship to Food Security*, the workshop



Dr. Norman Borlaug & Dr. Robert Havener with Dr. Chris Dowswell, Dr. David Hansen, Dr. Bobby Moser & Dr. Rattan Lal

attracted a number of well known development scions including **Dr. Norman Borlaug**, winner of the Nobel Peace Prize for his contributions to the Green Revolution of South Asia and Latin America, **Pedro Sanchez**, former director general of the International Center for Research on Agro-Forestry and recent recipient of the World Food Prize, and **Robert Havener**, former director general of five major international agricultural research centers and former Buckeye. The workshop benefited from the participation of over 50 well known scientists representing international agricultural research centers, U.S. universities and U.S. government agencies.

Dominican Republic / CEDAF Program

This program, designed to strengthen higher agricultural education and research in the Dominican Republic, continued through the year. Three students are currently pursuing graduate degrees at Ohio State University under this program which is financed by the Dominican government. They are:

- **Silvia de Camps**, Veterinary Preventative Medicine
- **Susana de Jesus**, Plant Biotechnology
- **Elba Yanira Disla**, Rural Sociology (Organic Farming)

Under this program, CFAES also supports three on-going M.S. degree programs in the Dominican Republic, namely, Soils at the Autonomous University of Santo Domingo, Biotechnology at the Superior Institute of Agriculture (ISA) in Santiago, and Ecology at the



Pedro Henríquez Ureña National University in Santo Domingo. CFAES is providing backstopping for these programs. During the year, **Rattan Lal** and **Brian Slater**, School of Natural Resources, and **David Hansen**, International Programs, visited these institutions to provide technical inputs.

Several Dominicans visited the OSU campus under the aegis of this program during 2003. Early in the year, we received a visit from individuals directly involved in the M.S. degree programs currently underway in the Dominican Republic. They included **Alfredo Morillo**, coordinator of the Ecology M.S. degree program at the Pedro Henríquez Ureña National University; **Domingo Carrasco**, Coordinator of the M.S. Program in Biotechnology at the Superior Institute of Agriculture; **Rafael Perez Duverge**, Center for the Development of Agriculture and Forestry (CEDAF) Research Program Coordinator; and **Rufino Perez Brennan**, Director of the Dominican Biotechnology Research Center.

In June IPA received another high level delegation that included **Altagracia Rivera de Castillo**, Executive Director of CEDAF, the institution responsible for the project in the Dominican Republic; **Angel Castillo**, Director of the Dominican National Agricultural Research System; **Benito Ferreiras**, Rector of the Superior Institute of Agriculture; **Pedro Pablo Pena**, the CEDAF program coordinator; and **Rafael Ortiz Quezada**, Director General of the Dominican National Council for Agricultural and Forestry Research. While here they held extensive discussions with OSU faculty engaged in the program, attended the workshop on *Global Climate Change and Food Security*, and visited agricultural research stations located in Ohio.

CEDAF sponsored a three-month internship at OARDC on the Wooster campus for **Ariel Ortiz** who is completing an undergraduate degree in France. Focusing on sustainable agriculture, Mr. Ortiz worked under the supervision of **Ben Stinner**, Entomology, and **Richard Moore**, Rural Sociology.

Puerto Rico: Universidad del Este Project

CFAES continued its collaborative program with the Universidad del Este (UNE) in San Juan, Puerto Rico. This effort has been supported by two USDA Hispanic Serving Institution grants. Under the first grant, which terminated during 2003, UNE established an undergraduate degree program in agribusiness. The focus of this particular initiative was development of appropriate curriculum and included intensive interaction with agribusinesses in Puerto Rico. Under this program, **David Hahn** and **Norman Rask**, Agricultural Economics, and **Polly Courtney** and **Mike Mangino**, Food Science & Technology, provided inputs.

A new program designed to establish an Executive Agribusiness M.S. degree program was initiated with UNE. During Fall Quarter 2003 **Rocio Perez** took courses in agribusiness on the OSU campus under this program. **Willie Colon**, Project Manager at UNE, visited CFAES to discuss development of this activity.



CFAES Delegation Visit to Chile

Stephen Myers, Chair of Horticulture & Crop Sciences, led an OSU delegation to Santiago, Chile to participate in a seed production seminar at the Catholic University of Chile. Other faculty members forming a part of this delegation included **Miller McDonald**, Seed Technology; **Peter Thomison**, Agronomy; **Claudio Pasian**, Horticulture; **Mark Bennett**, Horticulture; **John Cardina**, Weed Science; **James Beuerlein**, Agronomy; and **Clay Sneller**, Crop Breeding. This visitation identified another PhD student from the Catholic University who began his studies in seed technology in the Department of Horticulture & Crop Science in 2003. Other plans for continued collaboration also resulted from the workshop.

CFAES Delegation Visit to Turkey

A CFAES delegation led by **David Hansen**, International Programs, visited Harran University in Southeast Turkey. The delegation consisted of **Erdal Ozkan**, Agricultural Engineer; **Brian Slater**, Soil Scientist; **Valente Alvarez**, Food Scientist; and **Peter Ling**, Agricultural Engineer. The delegation was hosted by **Mehmet Aktas**, Dean of Agriculture. **Murat Kacira**, Agricultural Engineer at Harran University and PhD graduate of OSU, was instrumental in preparing the program for the visiting delegation. Delegation members met with various potential counterparts to discuss collaborative research opportunities and presented a seminar for the faculty of the University. Travel was supported in part by the Middle East Studies Center, the Office of International Affairs, and the CFAES International Programs Office.

Globalizing Agricultural Science and Education Programs for America

Ohio State University continued to give leadership to an important national initiative entitled "Globalizing Agricultural Science and Education Programs for America" (GASEPA). **Bobby Moser**, Vice President for Agricultural Administration, who chaired the GASEPA Standing Committee of the National Association of State Universities and Land Grant Colleges (NASULGC) Board on Agriculture for five years, was recognized for his contributions. He received an outstanding service award from the Association for International Agriculture and Rural Development at its annual meeting in June. The initiative has resulted in Congressional authorization for an International Science and Education Program and funding of almost \$1.5 million for the first year of operation. This activity received limited financial support from the Office of International Programs of USDA/CSREES, the entity that will administer the competitive grants program.



World Food Day Celebration

This year's 20th World Food Day Teleconference was titled *Collaboration or Calamity: Africa in Peril*. **Mandy Pillivant**, IPA, hosted this event on October 16th. Fifty-three faculty, staff and students attended the teleconference.

EARTH University Collaboration

CFAES has signed a general Memorandum of Understanding with EARTH University to collaborate in various areas of research, student exchanges and public outreach. **Bobby Moser**, Vice President for Agricultural Administration and Dean, visited EARTH to discuss the direction of this collaboration. During the year, contacts were made with Ohio congressional delegation members and USDA to discuss potential support for this cooperation. **Harold Bauman** also visited EARTH University to provide advisory inputs regarding its finances.



Dave Hansen, Carlos Hernandez, EARTH University, & Harold Bauman

Lithuania Cooperative Development

CFAES continued to work with counterparts at the Agricultural University of Lithuania and the Lithuanian Ministry of Agriculture on development of cooperatives in that nation. During the year, **John Ellerman**, Piketon Center, visited Lithuania where he met with representatives of these institutions as well as representatives of private sector entities interested in cooperative development in Lithuania. Prof. Ellerman also participated in a cooperative development workshop organized by **Prof. Julius Ramanauskas** of the Agricultural University of Lithuania and worked on preliminary plans to bring **Prof. Ramanauskas** and **Mr. Remigijus Urbonas**, of the Chamber of Commerce, from Lithuania to the campus in 2004. **Ingrida Bublys**, Honorary Consul of Lithuania in Cleveland, was very helpful in promoting and facilitating this activity.

Catholic University of Argentina

CFAES initiated a collaborative program with the Catholic University (CU) of Argentina located in Buenos Aires. A delegation from CU visited our campus to discuss the direction of collaborative efforts. The delegation consisted of **Alessandro Piovesana**, Director of the M.S. Program in Agribusiness Management, and **Ricardo Vanella**, Professor in this program. While on campus they visited with various members of the Department of Agricultural, Environmental and Development Economics, the Fisher College of Business, and the Latin American Studies Center. They gave seminars in which they described their programs and collaborative interests.



New Agreements Signed During 2003

Various new agreements were signed between CFAES and counterpart institutions throughout the world during 2003. Each is designed to facilitate additional program development. Among them are:

- Argentina** - Catholic University of Argentina (Buenos Aires)
- China** - Nanjing Agricultural University
Southern Yangtze University
- Costa Rica** - EARTH University
- Germany** - The Fachhochschule Wiesbaden
- Hungary** - Hungarian Ministry of Agriculture
- Tanzania** - Sokoine University of Agriculture
- Turkey** - Harran University
Mustafa Kemal University
- Uzbekistan** - Tashkent State Agrarian University