



Fall 2005 Issue

**UCDAVIS**

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## Internationalizing the Campus: Enhancing Learning, Discovery and Engagement at UC Davis

By William B. Lacy, Vice Provost, and Dennis J. Dutschke, Associate Vice Provost

Each fall the Chancellor convenes a two-day conference for faculty, staff, students and administrators. Each conference focuses on a core function for the university, examining the current status and considering ways to strengthen the university efforts in that area. This year the Chancellor's Fall Conference addressed the theme of "Internationalizing the Campus."

Martha Piper, President, University of British Columbia, and JoAnn McCarthy, Assistant Provost for International Affairs, University of Pennsylvania, provided the broader context. They noted that as the world becomes more complex and interconnected, it is critical that our colleges and universities: 1) effectively engage in international research, outreach and engagement, and 2) prepare their graduates to be proficient in languages, knowledgeable of different cultures, globally competent professionals and informed and effective global citizens.

UC Davis has a solid foundation of international learning, discovery and engagement. Conference panels involving faculty, students and staff highlighted several successful examples, including: the International Relations major (among the 10 largest majors at UC Davis); the growing language education capacity at UC Davis and in partnership with Sacramento City College and the UC Language Consortium; the USAID-funded Global Livestock Collaborative Research Support Project in Asia and Africa (\$87 million); and the joint UC Davis Extension and School of Law International Commercial Law Program. The importance of internationalizing the campus was further illustrated through a panel of students, faculty and a former Peace Corps volunteer that captured the life-changing consequences of their personal international experiences. Group discussions addressed key dimensions for internationalizing the campus: the undergraduate curriculum and experiences abroad; new models for international graduate education and research collaboration; creating an international community on campus; and expanding the campus, engagement and presence abroad. Many creative ideas surfaced, including three particularly ambitious suggestions:

1. provide an international experience for every UC Davis undergraduate student and create a general education requirement in global education competency;
2. establish provisions for domestic graduate students to do a portion of their research overseas and a funding structure to encourage more international graduate students to study here; and
3. build a multipurpose International Center, including residence facilities for domestic and international students, an international café and dining hall and a wide array of programs and services.

In addition to addressing specific discussion questions, each group identified their three or four highest priorities. These recommendations will provide the framework for strengthening our capacity and guiding future actions in this critical area of scholarship. For more information, go to <http://chancellor.ucdavis.edu/events/fallconf/>

The future of international higher education, research and engagement is uncertain despite the ever-expanding needs in all fields. However, given the enthusiasm and creative ideas generated at the Chancellor's conference, we believe we are at a critical crossroads at UC Davis with major transformation likely. As Chancellor Vanderhoef noted: "We need to explore ways we can infuse an international dimension into all that we do – to move internationalism from the periphery to the center of our institution."

## Announcements

### New International Faculty Database Launched

New to the UC Davis International Programs Web page is a database that provides easy access to information on the international expertise of UC Davis faculty. It is free of charge and available to faculty, students and the general public. To access the new database, go to the International Programs Web page at <http://www.ucdavis.edu/international>, then go to "Quick Links" and select "International Faculty Database."

### First Annual International Education Week Student Fair

**Tuesday, November 15, 11 a.m. - 2 p.m. in Freeborn Hall.** The fair will showcase the wide array of international opportunities, majors and career paths available to UC Davis students. Students will also have the chance to win a free trip to Europe! Enjoy baklava and learn about the many international activities at UC Davis at this free event open to the entire campus.

### International Education Week Highlights

**November 14-18:** This annual event explores a week of programs that will prepare our students and community for a global environment. Event highlights are listed below — visit <http://uoip.ucdavis.edu/iew/> for a complete calendar of events.

- **First Annual International Education Week Student Fair**  
Tuesday, November 15, 11 a.m. – 2 p.m.  
in Freeborn Hall
- **A Conversation with the Author of *The Kite Runner***  
Monday, Nov. 14, 4-5:15 p.m., Jackson Hall,  
Mondavi Center
- **Humphrey Global Forum**  
Wednesday, Nov. 16, 5-7 p.m., Colleges at La Rue

### UC Davis Faculty Wins Prestigious Award

Professor Robert Feenstra of the UC Davis Department of Economics was recently awarded the Bernhard-Harms-Prize of the Kiel Institute for World Economics for 2006. The prize is awarded for outstanding contributions to research in world economic affairs. As part of the award, Feenstra will have the opportunity to teach a short course on international investments at the University of Kiel next summer.

### Chicana/o Studies Professor Secures Major Grant

Professor Adela de la Torre, professor and director of the Chicana/o Studies Program, was awarded a substantial grant from the Department of Health and Human Services (Public Health Services) for a five-year project to study the dramatic increase in reported cases of AIDS and other sexually-transmitted diseases (STDs) among female sex workers in Mexico. Funding for this study totals more than \$3 million, with approximately \$600,000 designated for the UC Davis-based team.

### Revised UC Davis Fulbright Web Site

UOIP invites interested persons to visit the newly revised Fulbright Web site at <http://fulbright.ucdavis.edu>. The site features expanded listings of grant opportunities for domestic UC Davis faculty, students and staff as well as visiting international students and scholars who wish to come to our campus.

## Chancellor's Summer Travels to Far East, India Pave Way for New International Opportunities

By Maril Revette Stratton

Led by Chancellor Larry Vanderhoef, a UC Davis delegation traveled to India, Singapore and Malaysia last summer to explore further opportunities for student and scholar exchange and research collaboration, and to reconnect with alumni and friends of UC Davis.

"I'd hoped in setting out on this trip that we'd discover new opportunities for interaction and learn new things about these countries that could make a difference in how we approach exchanges," said Vanderhoef. "That was certainly the case, from seeing the rich opportunities for our students to immerse themselves in three distinct cultures in Malaysia to identifying opportunities to partner more fully with an international crops research institute dedicated to improving the lot of poor farmers in Africa and India, to seeing possibilities for collaboration with some of India's most distinguished biological sciences institutes."

Joining Vanderhoef on the trip were Bill Lacy, vice provost for University Outreach and International Programs; Robert Kerr, director of the international alumni and visitors program; and, for the India leg of the trip, Gurdev Khush, plant sciences adjunct professor who is well known in his native country for his contributions in science. The group met with educational leaders, alumni and Fulbright officers in the three countries and with Intel in India.

As this was the Chancellor's first trip to India, the delegation wanted "to get acquainted and open the channels of communication with institutes and universities in Bangalore and Hyderabad, the preeminent centers of learning in India," said Khush.

UC Davis researchers were well known to faculty at such institutions as the National Center for Biological Science, the Indian Institute of Science, the University of Hyderabad, the Center for Cellular and Molecular Biology, Osmania University, and the International Crops Research Institute for the Semi-Arid Tropics (ICRISAT).

"India is one of our key partners," said Lacy. "And now, as a result of this trip, we have identified additional opportunities for research collaboration and funding support."

To communicate these opportunities, Chancellor Vanderhoef and the delegation will host an open forum for the UC Davis faculty.



# UC Davis Welcomes New Humphrey Fellows

By Paul Marcotte, UC Davis Humphrey Program

In the late 1990s UC Davis renewed its long-standing commitment to international programs. One of the results of the efforts of this commitment was the renewal of the Hubert H. Humphrey Fellowship Program. This fall, the Humphrey program brings nine accomplished professionals from developing countries and selected countries of Eastern and Central Europe to UC Davis at a mid-point in their careers for a year of study and related practical experiences. By

providing these future leaders with a shared experience of U.S. society and culture and current American approaches to the fields in which they work, the program provides a basis for lasting ties between citizens of the U.S. and their professional counterparts in other countries.

We are pleased to welcome the Humphrey Fellows for 2005-2006:

Fellow	Country	Occupation	Specialty
Moez Ben Dhiaf	Tunisia	Head of Plant Pathology Department, Ministry of Agriculture	Plant Protection/ Pathology
Aung Myo Chit	Myanmar	Manager of Wildlife Department, Eco Tour	Wildlife Conservation/ Ecotourism
Faiza Labidi Soltani	Tunisia	Chief of Technical Department, Environmental Protection Agency	Chemical Engineering/ Environmental Protection
David Kapindula	Zambia	State Inspector, Pesticides and Toxic Substances	Pesticides
Guozhi Liu	China	Program Officer, State Environmental Protection Administration	International Law
Magdolna Rózs	Hungary	Head of Department for Environmental Policy, Political and International Relations	Environmental Protection/ Policy
Farhana Shaon	Bangladesh	Deputy Manager, Exploration and Development Division, Bangladesh Oil, Gas and Mineral Corporation (PETROBANGLA)	Geology/Natural Resource Management
Remigius Rushomesa	Tanzania	Senior Agricultural Field Officer, Environmental Management Unit, Division of Irrigation and Technical Services	Environmental Planning and Management/GIS
Thu Anh Nguyen	Vietnam	Journalist	Journalism

For more information about the Humphrey Fellowship Program, contact Paul Marcotte at [plmarcotte@ucdavis.edu](mailto:plmarcotte@ucdavis.edu) or visit the Web site at <http://humphrey.ucdavis.edu>.

## Hill Named Associate Dean for CAES International Programs

By Kristin Mick

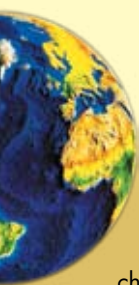
UC Davis recently appointed James Hill the associate dean for international programs, College of Agricultural and Environmental Sciences (CAES). Hill assumed the new post with 30 years of experience working at UC Davis in such positions as a UC Cooperative Extension agronomist, chair of the Department of Agronomy and Range Science and associate director of international programs for CAES. Hill first came to this campus as a graduate student in plant pathology where he earned his Ph.D. in 1973. His international professional experience includes working in China, Egypt and most recently in the Philippines as program leader for the Integrated Rice Research Institute.

As associate dean for international programs, Hill represents the College of Agriculture and Environmental Sciences on all

international activities. He has responsibility for developing strategic plans for international programs that advance the goals and missions of the college. Hill also serves as a UC Davis liaison, developing and strengthening relations with appropriate state, federal and international agencies and representatives of foreign countries.

"It is my vision to have a broadly engaged faculty in CAES international programs as well as drawing on the expertise of our UC Cooperative Extension county-based advisors and the other campus colleges," says Hill.

Hill and his colleagues are currently working to develop a strategic plan to guide CAES' international research, teaching and outreach.



## UC Davis-Chinese Universities Partner on Transportation and Energy Systems

By Dan Sperling and Kristin Mick

Over the past several years, the rapid growth of China's automobile industry has left many researchers questioning the impact of this ever-expanding market on transportation systems, environmental resources, fuel consumption and economic systems in China and around the world.

To address these concerns, UC Davis' Institute of Transportation Studies (ITS) is partnering with Tsinghua University in Beijing and Tongji University in Shanghai to create the China Center for Energy and Transportation (C-CET). This new multinational center will serve as a nexus of research on energy and environmental aspects of transportation in China. Over time it will also serve as a clearinghouse for studies and data for companies, governments and non-governmental organizations in China, the U.S. and other countries which are interested in research on transportation and energy issues.

"This partnership program will also have a strong educational component," says Dan Sperling, director of the ITS-Davis and acting director of C-CET. "On the U.S. side, it will build upon the foundation of the interdisciplinary Transportation Technology and Policy (TTP) graduate program at UC Davis. TTP will create distance-learning courses for our partners in China. U.S. graduate students and faculty will teach in China, Chinese researchers will visit UC Davis, and joint workshops will be held in the U.S. and China."

Research has already begun with the placement of three UC Davis Ph.D. students at Tongji University. "Working with the graduate students and professors at Tongji University's College of Automotive Studies has opened my eyes to the importance of cross-cultural research exchange," explains Jonathan Weinert, one of the three UC Davis graduate students conducting research at Tongji. "Like ITS-Davis, they're doing some really important work here on sustainable transportation technology, yet this work is not well known in the US. My goal this year is to bridge our two institutions in order to help knowledge and research flow in both directions."

According to Sperling: "We will pioneer systems engineering testing protocols and systems designs for advanced technologies not now available commercially in the U.S. or elsewhere. These new tools and methods will be valuable for China, the U.S. and beyond."

C-CET plans to officially launch in the coming months as funding sources are secured. For more information, call (530) 752-7434 or email dsperling@ucdavis.edu.

## UC Davis Leads Global Horticultural Research Collaboration

By Todd Rosenstock and Erin Hardie

In September 2004, UC Davis, AVRDC-The World Vegetable Center, Michigan State University, Purdue University and University of Hawaii, Manoa, initiated an in-depth, highly collaborative analysis of the opportunities and challenges for global horticultural development. The production of horticultural commodities, including fruits, vegetables, nuts and ornamentals offers potential to alleviate poverty, meet domestic human nutritional needs and stimulate growth in emerging economies of the world. The purpose of this assessment was to create a horticultural research and capacity building agenda that can provide the basis for USAID's portfolio in global horticultural development.

The assessment began with a workshop held at UC Davis in October, 2004 and was followed by three regional workshops which provided local stakeholders with the opportunity to discuss and analyze the priorities for horticultural development and research in sub-Saharan Africa, Latin America and the Caribbean, as well as the Asia/Near East region.

More than 750 participants from 60 countries provided direct input to the assessment, either through participation in one of the four workshops or through completion of a comprehensive survey. Stakeholders identified eight significant issues that either constrain the growth of horticultural development or represent core social considerations across all regions, including: market systems; postharvest systems and food safety; genetic resources conservation and development; sustainable production systems and natural resources management; capacity building; enabling environment; gender equity; and nutrition and human health. The final assessment document outlines recommended research and development activities and regional priorities for each issue.

In order to coordinate future research and development initiatives in the field of horticulture and to ensure that efforts are integrated across the production chain, the assessment team recommends the establishment of a Horticultural Collaborative Research and Support Program (CRSP). A horticulture CRSP could be a great opportunity to expand UC Davis' international programs, particularly in the area of foods for health. The final document, along with proceedings from the workshops, can be downloaded from the College of Agriculture and Environmental Sciences International Programs Web site at <http://caes.ucdavis.edu/IntProg/Global.htm>.

## About UOIP

University Outreach & International Programs' (UOIP) goal is to provide campus leadership and coordination for UC Davis faculty, students and staff in two major academic program areas:

- continuing, distance and lifelong learning
- international research and educational activities and programs

Campus programs that are part of this office include the UC Education Abroad Program, Hubert H. Humphrey Program, Services for International Students and Scholars, UC Davis Quarter and Summer Abroad Programs and UC Davis Extension.

For more information about UOIP's activities, visit <http://uoip.ucdavis.edu>.



# UC Davis a Leading Destination for International Scholars, 2004-2005

By Wesley Young, Services for International Students and Scholars

Our campus hosted a significantly higher number of international scholars last year, according to the Open Door report to the Institute of International Education. During the 2004-2005 academic year, there was a 10 percent increase over the past year in the number of international scholars at UC Davis (a total of 1,516 international scholars). This is especially significant given the declining number of international scholars coming to the United States since 2001. International scholars are non-immigrant, non-student academics conducting teaching or research on a temporary visa.

Two years ago UC Davis ranked 16<sup>th</sup> in the list of U.S. universities hosting the most international scholars. In fact, the top 20 schools are dominated by the UC campuses, including Berkeley, Davis, Irvine, Los Angeles, San Diego, and San Francisco.

Notable changes from the previous year were a 50 percent increase in Indian scholars, a 25 percent increase in Italian scholars, and a 14 percent increase in Chinese scholars. Collectively, the top 10 countries (out of a total of 97 countries) accounted for 63 percent of the international scholar population at UC Davis in both 2003-2004 and 2004-2005.

## UC Davis Partners with Globe Theatre

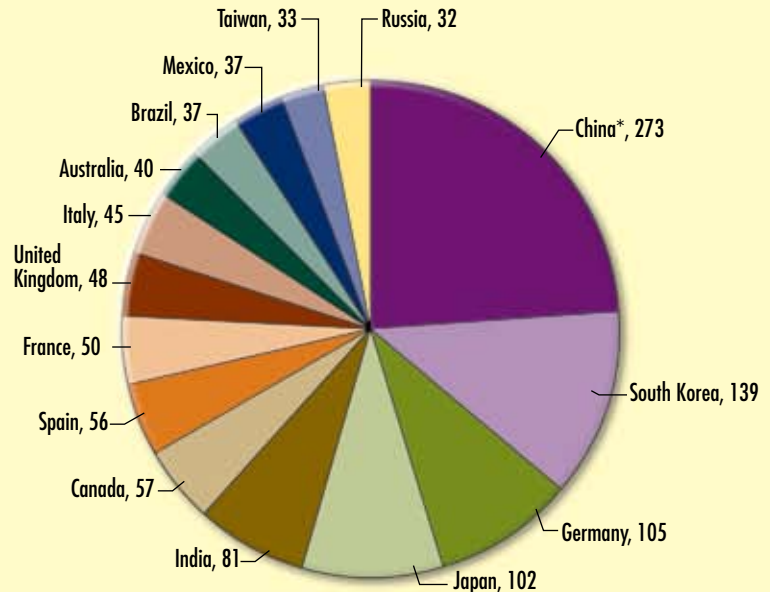
By Maddy Rehrman, College of Letters and Science Deans' Office

Led by the College of Letters and Science Deans' Office and the Departments of English and Theatre and Dance, an exciting partnership has formed between UC Davis and Globe Education at Shakespeare's Globe Theatre in London. The two institutions will embark on a two-year pilot program to determine the feasibility of developing a research institute to study playhouses and the playing conditions of theatres in early modern England. This research will draw on original practices at Shakespeare's Globe Theatre to help understand Renaissance drama today through the study of acting, stagecraft and language, and it will draw upon several areas including music, history, literature and design. The Office of Graduate Studies, the English department and the College of Letters and Science Deans' Office are providing funding for the two-year endeavor.

The program will allow two graduate students to spend one academic quarter each at the Globe and for Globe professionals to interact with students and faculty at UC Davis. Further, faculty members from the English department will be funded to engage in research and teaching at the Globe as visiting professors, with the potential to expand to allow for visiting professors from other academic areas.

The campus's steering committee, led by Interim Dean Patricia Turner, includes Peter Lichtenfels, Lynette Hunter and Barbara Sellers-Young (Theatre and Dance); Frances Dolan (English); and Georges Van Den Abbeele (Humanities Institute). In a ceremony in London in late July, Chancellor Larry Vanderhoef and his counterpart at the Globe, Patrick Spottiswood, signed the formal Agreement of Cooperation. The pilot program will be initiated over the period 2005-2008. This initiative has its roots in the summer abroad class in Shakespearean acting taught in London by Professors Lichtenfels and Hunter.

## UC Davis Non-Immigrant International Scholars Academic Year 2004-2005



\*Includes Hong Kong

This chart represents only the top 15 countries represented by the 1,516 total international scholars who came to UC Davis last year from 97 countries

## Russian Doctor Awarded Fellowship at UC Davis

By Kristin Mick and James Coffmann

UC Davis has the honor of hosting a noted Russian public health expert for the 2005-2006 academic year. Alexey Kalinin, M.D., Ph.D., has been awarded an Edmund S. Muskie Graduate Fellowship to support his stay at UC Davis. Kalinin has worked for 20 years as a psychiatrist, specializing primarily in mental health and alcohol addiction, as well as working as an instructor at the Northern (Arkhangelsk) State Medical University. In Russia, he also serves as coordinator of several joint international projects in the field of public health, particularly the creation of the Institute and School of Public Health in Arkhangelsk.

"As project manager of the institute, I'm interested in introducing the American experience to the Russian public health system," Kalinin says. "The Institute of Public Health that we're creating in Arkhangelsk will provide education for new physicians from throughout northwest Russia, culminating in a master's degree in public health."

The fact that UC Davis has recently created a Department of Public Health makes it a particularly appealing place for Kalinin to advance his project.

During his stay here, Kalinin will attend graduate courses and seminars, conduct research and confer with Irva Hertz-Piccio and other UC Davis faculty in public health, medicine and related fields.

The Edmund S. Muskie Graduate Fellowship is managed by the Bureau of Educational and Cultural Affairs of the U.S. Department of State and administered by IREX (International Research and Exchange Board).

## **Academic Integration Project Brings Study Abroad Courses into Campus Curriculum**

By Peter Schiffman, Education Abroad Center

The UC Davis office of University Outreach and International Programs (UOIP) and the University of California office of the Education Abroad Program (EAP) are jointly funding the new Academic Integration project. Based on a national initiative and model of best practices on other U.S. campuses, the project's goal is to encourage academic majors and colleges to integrate study abroad coursework more fully into their curricula for undergraduate students. This project will also help identify the specific study abroad programs and courses for majors that are least likely to add time to their degrees.

The Education Abroad Center's (EAC)'s Academic Integration coordinators have begun working with faculty and staff in many majors across campus to identify the best ways to present and encourage an integrated study abroad plan to students, incorporating their degree and graduation requirements. This may take the form of a Web site developed in collaboration with each department, which can include relevant policies, FAQs, suggested programs and courses abroad and key links for students in the major or college. EAP is currently developing a database of courses, which has been pre-approved to meet specific degree requirements for international study.

The EAC encourages all departments to take advantage of the expertise of its staff working on this project. Staff and faculty contacts for this project are Joel Shriver (jbshriver@ucdavis.edu or 530-297-4637) and Zachary Frieders (zjfrieders@ucdavis.edu or 530-297-4638), and Peter Schiffman, faculty director of the Education Abroad Center (pschiffman@ucdavis.edu or 530-297-4636). Examples of major-specific, study abroad advising materials can be found online at <http://eac.ucdavis.edu/students/degerequirements/yourmajor/index.html>.

## **Summer Abroad Program Enjoys Continued Expansion**

By Eric Schroeder, Education Abroad Center

In 2006 Summer Abroad plans to offer 33 programs in 25 countries, featuring eight new programs. New programs include an urban geography course in St Petersburg, Russia; a history course in Austria and the Czech Republic; an art history course in China; a medieval studies course in Sweden that focuses on crafts, arts and architecture; and a comparative literature course called "Reversing the Conquest of the Americas" in Cuernavaca and Tulum, Mexico. The Chicano Studies Program will offer a 12-unit program in Buenos Aires in July designed for their majors (they are applying for a Fulbright grant to help fund students who wish to participate). For the first time Summer Abroad will offer a course in animal science, called "Livestock, People and Culture," taught at three different study sites in Mexico. Also new this year will be an internship in which students in the undergraduate course "Latin American Culture" can elect to participate. Interns will work with indigenous children in a remote northern province of Argentina.

In addition to these new offerings, Summer Abroad plans to bring back some favorites that weren't offered last summer: winemaking in Dijon, France; Scottish literature in Edinburgh; "Community and Everyday Life" in Japan; a newly designed landscape architecture course in Scandinavia; "International Community Development" in Europe; and "Literature, Culture and Nature" in South Africa.

For more information, go to <http://summer-abroad.ucdavis.edu>.

## **Music Program Goes International**

By Maddy Rehrman, College of Letters and Science Deans' Office

Stemming from the campus initiative to internationalize our outreach efforts is a new venture that took Professor Pablo Ortiz, chair of the Department of Music, to Buenos Aires to conduct a UC Davis Summer Aboard Program on the music and culture of Latin America. This program served as a partnership with the Catholic University (Universidad Catolica Argentina), and took place last August. Ortiz also taught a seminar at the Centro Ricardo Rojas, Universidad de Buenos Aires (UBA), as a way of creating more ties with that institution.

Early in summer 2004, an Agreement of Cooperation was signed with the Catholic University, and discussions are taking place regarding a similar understanding with UBA. The Catholic University is the most established private institution in Argentina, and UBA is the most prestigious (and largest, about 300,000 students) public institution there.



## Zhejiang University Students Gain New Perspectives on Agriculture, Food Science and U.S. Culture

By James Coffmann, UC Davis Extension

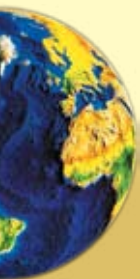
UC Davis Extension's International Programs hosted 25 students from Zhejiang University in China for a two-and-a-half-week agricultural program last summer. Zhejiang University is one of China's elite institutions of higher education and its students are among the country's brightest. The group consisted of third- and fourth-year undergraduates in agriculture and food science majors. The program focused on familiarizing the students with American agricultural techniques and systems, as well as providing lectures by UC Davis specialists on such topics as organic and sustainable agriculture, biotechnology, genetic engineering and molecular breeding, the utilization of plant secondary products, postharvest technology, and food quality assurance. The lectures and presentations were complemented by field visits to farms and orchards in the region, UC Davis-run agricultural research projects, the California State Fair and a Napa winery.

In addition to the agricultural focus, a major objective of the program was to familiarize the students with American culture and language, to give them an in-depth look at the American university system, and to provide them with a first-hand experience of how these sciences are taught in the U.S. The students sat in on lectures in various disciplines and met with students and professors in several departments. All the students were housed with local families in Davis and Woodland, which gave them a close-up experience of American culture and language. This was the first time that a group of agriculture students from Zhejiang University has come to UC Davis Extension.

Although the students were impressed and stimulated by their lectures and meetings with agriculture specialists, their most memorable moments were typical of those visiting the U.S. for the first time: the magnificent views of San Francisco, the beauty of the Stanford Memorial Church, the warmth and hospitality of their host families, and the ice cream party offered by a local farmer after a visit.

For the past three years UC Davis Extension has hosted student groups of mixed majors from Zhejiang University in a more general "American Academic and Culture" orientation program. Just prior to the arrival of this agriculture group, a group of 23 second-year students from the Zhejiang University Honors College spent three weeks in such a program at UC Davis Extension.

For more information about international programs at UC Davis Extension, call (530) 757-8777 or go to [www.extension.ucdavis.edu/international](http://www.extension.ucdavis.edu/international).



## UC Davis Engineers Expand Collaborations with Japanese Colleagues

By M. Saif Islam, Electrical and Computer Engineering

M. Saif Islam, Assistant Professor of Electrical and Computer Engineering, and Professor Tohji of Tohoku University (Japan), along with a few private companies in Japan and the U.S. are currently collaborating on "research and development activities of metal and alloyed nanoparticle-based technologies in Japan and the U.S." under an international research grant sponsored by the New Energy and Industrial Technology Development Organization (NEDO).

Islam and his counterpart from Tohji Lab in Japan exchanged visits over the summer, and plans are underway for exchanges of postdoctoral scholars and graduate students between these two institutions. The team recently invited Professor Frank Osterloh of the chemistry department and Professors Ian Kennedy and David Horsley of the mechanical engineering department to join the team surveying existing issues, possible challenges and future directions in the research of metal and alloyed nanoparticles. The Tohoku University group is well known for their work in the synthesis of metal and alloyed nanoparticles, and the UC Davis groups will explore possible biomedical, electronic and photonic device applications and surface modifications.

The team plans to hold a one-day symposium at the end of December by inviting scholars from the U.S. and Japan in the fields of nanoparticle synthesis, surface modification and applications.

For more information, contact M. Saif Islam at [saif@ece.ucdavis.edu](mailto:saif@ece.ucdavis.edu) or go to <http://www.ece.ucdavis.edu/inano>.

**We welcome your comments and suggestions.**

PLEASE SEND THEM TO

[UOIP@UCDAVIS.EDU](mailto:UOIP@UCDAVIS.EDU).

OUR THANKS TO THOSE CONTRIBUTING IDEAS AND

ARTICLES FOR THIS NEWSLETTER.

# Selected Opportunities

By Nicole Ranganath, University Outreach & International Programs

## National Science Foundation (NSF)

In 2002, the NSF established the Office of International Science and Engineering (OISE) to advance international research collaborations. The OISE offers a range of programs for established and junior faculty, as well as undergraduate, graduate and postdoctoral students:

- **International Planning Visits and Workshops (NSF 04-035)** are designed to lead to innovative international partnerships, training activities or collaborative research funded by OISE and/or NSF research directorates. Deadline for workshop proposals: September 20, February 20 and May 20 annually. Proposals can be submitted for planning visits at any time.
- **Developing Global Scientists and Engineers (NSF 04-036)** is a new program designed to provide a variety of international research experiences for small groups of undergraduates and/or graduate students. Deadlines vary.
- **International Research Experience for Undergraduates (NSF 04-584)** is an NSF-wide activity which supports international REU sites or adds international dimensions to domestic activities. Deadlines vary.
- **Pan-American Advanced Studies Institutes (NSF 03-506)** are two- to four-week courses aimed at stimulating cooperation among researchers in the Americas in engineering and in the mathematical, physical and biological sciences. Deadline: January 15 of each year.
- **East Asia and Pacific Summer Institutes (NSF 03-608)** offer eight weeks of firsthand research experience for U.S. graduate students in science and engineering in Australia, China, Japan, Korea and Taiwan. Deadline: December 10, 2005.
- **International Research Fellowship Program (NSF 05-599)** aims to introduce young science and engineering faculty to international research in all disciplines that NSF funds. Deadline: September 12, 2006.

In addition to these specific initiatives, the Office of International Science and Engineering partners with NSF's research directorates to encourage researchers to include international dimensions to their proposals or request supplementary funds to active awards for international activities. For more information, visit <http://www.nsf.gov> or contact your program manager or Susan Parris, Program Manager, Office of International Science and Engineering, (703) 292-7225, or [sparris@nsf.gov](mailto:sparris@nsf.gov).

## Alexander von Humboldt Foundation

The Alexander von Humboldt Foundation offers a range of awards to highly-qualified scholars and scientists around the world to conduct research in Germany. More than 40 UC Davis scholars have received Humboldt awards. The principal fellowships for U.S. scholars include:

- Humboldt Research Fellowships

- German Chancellor Scholarships
- Two-Year Post-Doctoral Fellowships
- Summer Research Fellowships

For more information and applications, visit [www.humboldt-foundation.de/en](http://www.humboldt-foundation.de/en).

## International Research and Exchanges Board (IREX)

IREX is a non-profit organization specializing in education, independent media, Internet development and civil society in Central and Eastern Europe, the Near East and Asia. IREX grants offer many exchange opportunities for both U.S. citizens and nationals of other countries.

One of the primary IREX programs is the John J. and Nancy Lee Roberts Fellowship which supports cutting-edge research in the social sciences on Eastern Europe, the New Independent States, the Near East and Asia by providing one grant of up to \$30,000. Grants are made to U.S. citizens or permanent residents. Application deadline: April 1, 2006. For more information, please see: <http://www.irex.org/programs/roberts> or email: [roberts@irex.org](mailto:roberts@irex.org).

## UCMexus

UCMexus is a unique international research and educational collaboration between the ten UC campuses and Mexico. UCMexus facilitates and sustains work in Mexican studies, United States-Mexico relations, Chicano/Chicana Studies, and other critical issues related to Mexico and UC-Mexico collaboration. This program offers a variety of funding opportunities, including:

- Grants for University of California Principal Investigators (up to \$15,000 for one year)
- Dissertation Research Grants for UC Graduate Students (up to \$12,000 for two years)
- Grants for Collaborative Projects for Teams of UC and Mexican Researchers (up to \$25,000 for 1.5 years)

Deadlines for these grants typically fall in late March/early April of each year. Application materials and proposal calls will be available in December 2005 at <http://www.ucr.edu/ucmexus/index.htm>. Direct inquiries may be made to Dr. Andrea Kaus, (909) 787-3519, or [andrea.kaus@ucr.edu](mailto:andrea.kaus@ucr.edu).

**For additional opportunities, please visit the updated International Faculty Funding Opportunities web site: <http://uoip.ucdavis.edu/FundingOpps.cfm>**

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