

### Fulbright Scholar Program New Initiatives

**New Century Scholars** — Thirty outstanding research scholars and professionals from the United States and 18 other countries have been designated New Century Scholars in a program designed to provide a forum for international, interdisciplinary collaboration. Those selected this year will be focusing their research on "Challenges of Health in a Borderless World." Their work will promote a deeper understanding of the social context within which societies and the global community shape their response to disease in a period of increased global interdependence and rapid socio-economic change.

**Fulbright Senior Specialists Program** — Created to complement the traditional Fulbright Program, the new Specialists Program offers short-term grants of two to six weeks for U.S. faculty and professionals. Senior Specialists collaborate with their overseas counterparts on curriculum, faculty development and institutional planning.

### Fulbright Student Enrichment Seminars

During the year, more than 900 Fulbright graduate students from 120 countries and recently returned Fulbright Fellows participated in a series of enrichment seminars designed to provide breadth and context to their Fulbright educational experience here in the United States. This year, the seven, three-day seminars arranged and conducted by IIE offices around the country, were designed to explain the 2000 U.S. Census, the immigration experience and related economic, political and demographic developments. IIE engaged urban mayors, members of Congress, state and federal government officials, business and professional leaders, public policy speakers from think tanks and interest groups representing a broad range of views, and citizens in all parts of the country to discuss the census process and findings with the Fulbright students.

### Global Energy Sector Reform

Through a new USAID supported project, IIE is now assisting the Government of Indonesia in implementing a broad regulatory reform of the electricity sector. IIE is working in the "nuts and bolts" of restructuring, supporting Indonesia's regulatory agencies in their efforts to develop new regulations, institute rational pricing policies, improve the efficiency of energy markets, and improve the planning and management of electricity generation, transmission and distribution. Other countries where IIE is assisting energy sector reform include India, Bangladesh, Ukraine, Brazil, and Zambia.

### EcoLinks in Eastern Europe and Eurasia

In a cooperative activity with USAID, IIE provides Partnership Grants to organizations in Central and Eastern Europe and the former Soviet Union. These grants enable businesses and local governments to develop market-based solutions to high priority environmental problems. During 2001, over 170 grants, totaling \$3.4 million, were awarded to link these organizations with partners in the United States or in other countries in the region to tackle problems related to air pollution, water and wastewater management, solid waste management and energy efficiency.

### Volunteers at IIE

Thousands of Houston-area school children learn about the wider world through IIE/Southern's Educational Outreach Programs. These include an International Speakers Bureau, which sends volunteer speakers to a classroom to discuss various regions of the world. Some delegates in the International Visitor Program and local international graduate students also participate in this program. IIE also provides teacher development opportunities, such as a teaching workshop on Islam and the Arab world. It has also developed a "cultural navigators" program on the Middle East, working with a consortium of world-culture teachers and creating educational materials focusing on Israel, Egypt, Jordan, Syria, and Lebanon. While students learn about the geography, culture, and religions of the Middle East, they also learn tolerance and intercultural understanding.

### Environmental Exchange Program

In September of 2001, IIE was selected to manage USAID's US-Asia Environmental Partnership (US-AEP) exchange program. Under this five-year contract, IIE will implement 3,500 technical exchanges for environmental professionals in 11 Asian countries and the United States. This allows IIE to continue its six-year history of implementing business and technically-focused exchanges which have engaged more than 4,800 professionals in addressing critical environmental issues, including the availability of potable water, global warming, the need for clean industrial manufacturing technologies, and reducing air emissions from automobiles.



Volunteers are an essential part of IIE's success. Here, two volunteers from Brazil participate in the Southern Regional Center's Educational Outreach Program which brings them into Houston classrooms to discuss different geographic regions as well as the cultures found there.

### IIE and Congress

The IIE Board of Trustees held its April meeting in Washington, DC, and conferred the Stephen P. Duggan Award for International Understanding on Senator Ted Stevens, then Chairman of the Senate Appropriations Committee, and Senator John F. Kerry, a member of the Senate Foreign Relations Committee. Senator Stevens was recognized for his lifetime of public service and for his commitment to assuring that the next generation of leaders around the world will have an opportunity to experience the world in a way that only educational exchange makes possible.

Senator Kerry was recognized for his vision in assuring that educational contacts, most notably, the Fulbright Program, would be extended to the people of Vietnam. He, having served there and been decorated for his action in combat, better than most, has a sense of how that country has been cut off from so much of the world as a result of the outcome of the Vietnam War and of the hardship that has caused.

In addition, at its annual dinner in November, IIE presented the Duggan Award to Senator Charles Schumer.

### Humphrey Alumni Conference

IIE and the State Department continued their partnership in supporting Humphrey Fellowship Program alumni to gather together regionally, discuss issues and network. The Fourth East Asia/Pacific Regional Conference of Humphrey alumni, took place in Seoul, South Korea in September. The conference was jointly funded by the Ministry of Government Administration and Home Affairs of the Republic of Korea and the U.S. Department of State. Forty-two alumni from 12 countries in East/Southeast and South Asia participated.

### IIE's South Africa Education Program Concludes

September 30, 2001 marked the end of IIE's highly successful South Africa Education Program. IIE began this program in 1979 entirely with privately raised funds, and it later became a cooperative effort with U.S. universities, corporations, foundations and the U.S. Government. The total private-public investment amounted to \$58 million. Over 1,600 black South Africans studied in American colleges and universities, most of them at the Masters and Ph.D. level. The Program created the cadre of black South Africans in leadership today.

### Creating an Alumni Database

Through its new alumni research project, IIE has compiled a database of 120,000 past IIE related grantees and participants. The alumni records, which IIE has been keeping for more than 80 years, are, for the first time in the Institute's history, computer searchable by decade, field of study, country, and institution attended. The database advances the main purpose of the alumni research project, which is to get a better idea of the impact of IIE's work over the years and its role in promoting mutual understanding among the peoples of the world.

### Beijing Office

After several years of managing scholarship programs in China through our office in Hong Kong and a part-time representative in Beijing, IIE formally opened an office in Beijing in September with The Chinese Academy of Sciences serving as our formal institutional host. Programs currently managed by IIE/Beijing for Ford Foundation include an Individual Grants Program that assists Chinese scholars and professionals participating in conferences and study tours abroad, and the China component of the Asian Fellows Program, which provides opportunities for Asian scholars to pursue research in another country in the region. IIE/Beijing also provides in-country support for the American research Fulbrighters in China, working closely with the U.S. Embassy and with funding from the U.S. Department of State.

### IIE's Center for Global Development

The Institute's Center for Global Development houses IIE's training, development and technical assistance staff, most of whom carry out projects on behalf of the U.S. Agency for International Development and other international development donors.

**TOP** W. Stacy Rhodes, Vice President and Director of the IIE Center for Global Development; William Nance, Director, Global Training for Development Information Technology; Marjan Zanganeh, Training Director, Development Training II; and, Ahmad Ghamarian, Director, The Energy Group.

**SECOND** EcoLinks staff, Pavel Tojsl, Andrew Kohlhepp, and Gregory Zerka

**THIRD** Global Development Training staff, Lara Ponomareff, Connie Lina-Carr and William Nance, Director

**FOURTH** The Energy Group, to include Masood Malik, Francine Steinger, Ahmad Ghamarian, Director, Patricia Klein, and Peter Resetar

**FIFTH** Environmental Exchange Program staff, to include Bayanjargal Byambasaikhan, Cheryl Chang, John Speicher, Mary Wong, Viswanatha Srinivasan



Richard Lord (All)

# global education and training

**IIE's mission in the developing world is to expand the capacity of individuals and institutions to address the development challenges of the new millennium.**

IIE's **Center for Global Development**, through its staff of educators, advisors and development experts located in 19 offices throughout the world, provides professional development, training and strategic advisory services to U.S. government agencies, foreign ministries, corporations, international development banks, NGOs and private foundations.

Through the **Development Training II (DT2)** program, IIE provides training support for all USAID activities in Egypt. Over the past four years, more than 34,000 Egyptians have gained new skills under DT2 through innovative, results-oriented training courses in Egypt, as well as graduate study, internships and targeted study tours in the United States.

The largest single training program in the DT2 portfolio is the Master Teacher Exchange Program, which will train over 1,000 Egyptian teachers. The program combines in-country and U.S. training to raise the level of teaching proficiency throughout the Egyptian educational system.

As a result of DT2, Egyptian officials are now addressing the modern management needs of the country, such as increasing

information sharing, generating initiative in public employees and executing greater delegations of authority in decision-making. One upshot of this broad and deep program has been a greatly increased interest among Egyptian officials who want to participate. As the link between DT2 training and the country's prospects for development are becoming apparent, DT2 programs are being expanded whenever possible.

For example, the special **Leadership Development Program** created by IIE for the Ministry of Energy and Electricity has just been extended for an additional year, at the request of the Ministry and USAID.

With generous support from the David and Lucile Packard Foundation, the Institute's West Coast Regional Center is implementing a new "**Leadership Development Mechanism**" for reproductive health and population issues. This leadership program is in the growing health/education portfolio of IIE's Center for Global Development, and is carried out with support from IIE's offices in Mexico, Philippines and Thailand, along with partners in the program's focus countries. The Packard/IIE initiative is identifying, training and strengthening leaders who are working to improve and expand reproductive health services and opportunities for women in developing countries.

The program is currently being implemented in eight countries with some of the highest population growth rates in the world, as well as growing HIV/AIDS prevalence. These include Ethiopia, India,



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Mexico, Myanmar, Nigeria, Pakistan, the Philippines and the Sudan. Over the next two years, the program will train 300 established and emerging leaders from these countries, through a combination of in-country, regional and U.S.-based training. Special emphasis is being placed on identifying and training future leaders from organizations serving women and youth, as well as media professionals.

In a cooperative activity with USAID, IIE administers the **EcoLinks Partnership Grants Program** in Central and Eastern Europe and the Newly Independent States of the former Soviet Union. EcoLinks enables businesses and municipalities to develop market-based solutions to

environmental problems through partnerships with other like organizations that have faced similar problems before. Since 1999, more than 350 grants, totaling over \$9 million, have been awarded to link organizations with partners in the United States or in other countries in the region to improve their environmental performance and operating efficiency.

In one example of the EcoLinks formula, a food processor in Almaty, Kazakhstan, was awarded a grant. Its plant discharged over two metric tons per year of untreated wastewater into a nearby stream, and its energy and water usage was 30% higher than comparable facilities in the United States. Inefficiency caused production

costs to be high. With EcoLinks assistance, the company teamed up with two U.S. partners, a potato chip producer in Wisconsin and an environmental consulting firm in Virginia. Together they developed an environmental management system, which included the installation of wastewater filtration and recycling devices and the replacement of coal-fired boilers with a liquid-propane gas turbine. These nearly eliminated wastewater and reduced energy consumption by 30%. Unit production costs dropped from \$3.60 to \$1.70. More importantly, staff at the company was trained to make continuous environmental improvements and

**UNDER THE DEVELOPMENT TRAINING II PROJECT**, Egyptian officials participate in training programs linked to specific development objectives selected by their ministries. Here, Yasmine Roushdy of the DT2 office in Cairo, speaks with agricultural field workers at a project designed to improve harvest yield.

increase production efficiencies. By facilitating the exchange of ideas and experiences, IIE is helping other organizations in the region to shorten the timeline for solving their problems related to air pollution, water and wastewater management, solid waste management and energy efficiency.

IIE has recruited and trained a new group of young American professionals with backgrounds as varied as law, hydrology and corporate finance to serve the needs of people in critically important nations. As the United States Government combines private sector talent with foreign assistance to make the world a better place, the **Investing in Women in Development (IWID)** Fellows Program plays a creative role. IWID is a cooperative activity of U.S. Agency for International Development through which IIE increases the number of U.S. professionals with hands-on experience in international and gender-related development activities. This year USAID offices in Russia, Armenia and, in Washington, at USAID's Global Bureau and Asia Near East Bureau utilized IWID Fellows to help with water management, youth, ethnic conflict and Afghan women's rights issues. Suzanne Nolte, an IIE IWID Fellow, on leave from Coca Cola in Atlanta, wanted to make a contribution to the public service sector in the international arena and chose the IWID program because it offered the best opportunity to combine her interest in development with her professional skills. IWID Fellows are currently serving in assignments focused on environment, business, governance and education issues.

Ten years ago, when IIE and USAID jointly developed the **Emerging Markets Development Advisers Program (EMDAP)**, IIE was sure of its potential,

but had only a general sense of what its impact would be. EMDAP's results have been broad reaching, providing students a chance to address challenging, real world problems. It has also provided tangible benefits to emerging market economies around the world. Last year 12 American MBA candidates temporarily broke their studies to work in countries key to regional peace and progress, making important strides towards sound economic practices and nurturing democratic values: Jordan, Kazakhstan, Kyrgyzstan, Malawi, Uganda, Ghana, Zimbabwe and Nicaragua.

These are just a few of the 132 EMDAP alumni who, after completing their degrees, serve in U.S. business, finance, NGO and government operations. They have a perspective on international business relations and operations only achieved working hand in hand with colleagues from overseas in true partnership.

With sponsorship from the **U.S.-Asia Environmental Partnership**, IIE administers the **Environmental Exchange Program** designed to address Asia's urban and industrial environmental issues by developing and implementing tailored technical tours and providing technical training to individuals whose actions will have a significant effect on the future of the environment and economic development in Asia. High rates of projected industrial and population growth make Asia especially important in terms of future greenhouse gas emissions and global warming. Because atmospheric emissions know no boundaries, the effect of such emissions has an impact throughout the region. IIE has supported USAID in this mission for more than six years and engaged more than 4,800 professionals from 11 countries across Asia and the United States.

IIE activities are based on country specific plans and an integrated approach that includes work on regulatory policy, technical assistance and technology transfer. In 2001, IIE trained Asian judges and lawyers, to improve environmental laws and their enforcement. In Thailand the judiciary had never ruled in favor of the environment. IIE supported supreme court justices and attorneys from India, Sri Lanka and the Philippines to attend the Thai Environmental Enforcement and Compliance Forum where they could share their ideas and experiences. A former Justice of the Indian Supreme Court spoke passionately of the need to grant standing to anybody who comes to court to represent the public interest in a clean environment.

**Restructuring the energy sector** has become a critical component of the effort in many countries to create the necessary economic and social infrastructure for national development. Affordable, environmentally sustainable electricity supply is a major focus. Over forty percent of the world's population currently lacks access to electricity. In many countries, electricity has traditionally been provided through inefficient, state-owned utilities at heavily subsidized prices. The combined impact of subsidies, system-wide inefficiencies, and the ever-increasing demand for new capacity has drained financial resources that could otherwise be spent on the many other competing priorities of development such as housing, health and education. As a result, regulatory reform and restructuring of the electric sector has assumed a high priority. IIE has been an active participant in this effort throughout the developing world for over ten years. The **IIE Energy Group** set up an office in Jakarta, Indonesia this year, staffed by two U.S. regulatory and training experts and five highly skilled local personnel. This team assists the Directorate General of Electricity as it undergoes the regulatory reform process. Other countries where IIE is assisting Energy Sector reform include Ukraine, Bangladesh, Brazil, India, and Zambia.

Sponsored by the USAID/Bangladesh Mission, the Energy Group will provide institutional capacity building including a training and outreach program to the power, oil and gas sectors of the Government of Bangladesh during the course of the **Bangladesh Energy Training Project**. The objective is to facilitate development and reform of the energy sector, improving and reducing greenhouse gas emissions. IIE has opened a new field office in Dhaka, Bangladesh, staffed by local personnel to administer this project.

With USAID support, the Energy Group designed and has been providing training and technical assistance to help Brazil meet the challenges of providing clean and efficient energy. The Brazil Energy Training and Outreach Program develops in-country institutional capacity, and supports Brazil's sustainable economic development. Also in Brazil, the **Tocantins Environmental Education Project** will train 200 leaders to participate in public hearings evaluating environmental studies of large enterprises, such as the construction of hydroelectric dams. These leaders, representing governmental agencies, NGOs, indigenous communities, women's groups and small rural producers will provide public education and outreach regarding these issues to their various constituents.

The Energy Group is also implementing a series of activities for the U.S. Department of Energy that promote sustainable development of energy and environmental policy throughout the developing world, with a focus on Africa and Latin America.

This year the IIE Energy Group implemented the **DOE Women in Energy Policy & Planning of Africa Workshop**, for women representing the Ministries of Energy in 11 African countries. The workshop focused on the development of women's leadership and perspective in sustainable, national energy policy in

**ECO-TOURISM IN ENVIRONMENTALLY FRAGILE ECOSYSTEMS** around the world is growing in popularity. In the Chiapas region of Mexico, eco-tourism in the Selva Lacandon Chiapas ecosystem has grown tremendously over the past few years. IIE is working with the indigenous peoples and other organizations concerned about the conservation of that environment to teach basic English to enable residents to deal with tourists and the issues that eco-tourism raises for their communities.



African nations, and provided participants with a working knowledge of the range of fundamental technical and policy options, while considering grassroots development in Africa. The workshop received wide support and interest from the energy development community because of its unique focus on women and its range in geographic representation. Participants and contributors continue to stay in contact with one another, sharing their experiences in the energy sector development of their countries.

IIE's **International Human Rights Internship Program** facilitates the exchange of experience and expertise among human rights organizations through supporting professional development projects for human rights activists. A recently published manual, *Circle of Rights — Economic, Social and Cultural Rights Activism: A Training Resource*, is

now available in French and Spanish as well as English, with the Arabic translation to be completed in 2002.

One of the areas most impacted by uncontrolled and growing tourist activity in Mexico is the critical ecosystem of the Selva Lacandon Chiapas. In 1995, approximately 700 visitors penetrated this dense jungle area. In 2000, that number had increased to nearly 40,000 as tour operators marketed the exotic location as a destination for eco-tourism.

Small indigenous communities near this critical protected area are in the position of managing the majority of this influx. Few residents have more than a primary school education, and fewer still have experience dealing with the issues eco-tourism raises, including feeding and housing visitors, basic sanitation and

clean drinking water. Few speak even rudimentary English, the language spoken by most tourists.

IIE, through its Latin American Regional Center in Mexico City, and Alliant International University, with USAID support, has begun to provide **English for Eco-Tourism**, specialized English training for nature guides and eco-tourism staff. The program also relies on the facilitation of Conservation International, which has been working to preserve the ecosystem. The courses aim to increase the participants' language ability, and also to strengthen their understanding of environmental protection and responsible tourism.