

UDALL CENTER UPDATE

Notices from the Udall Center for Studies in Public Policy at The University of Arizona • Number 18 • May 2002

BINATIONAL ECOSTART STUDENTS STUDY THE SAN PEDRO RIVER

Under the auspices of ECOSTART, a binational environmental education program, some eighty students from the Mexican state of Sonora joined with students in Sierra Vista, Arizona, to study the ecology and hydrology of the San Pedro River. The river originates in Cananea, Sonora, and flows north into Arizona near Sierra Vista.

The visit was the year-end highlight of a series of activities for the ECOSTART program, coordinated by Anne Browning-Aiken and Denise Moreno of the Udall Center. ECOSTART received a \$12,000 Border Pact grant from the Consortium for North American Higher Education Collaboration to develop an environmental education curriculum focused on the San Pedro River (*See related articles about the San Pedro River on page 3*).



Elementary school students from Cananea, Sonora, with ECOSTART co-coordinator, Denise Moreno, of the Udall Center (above). Students taking measurements in the San Pedro River (right).
Photos by Anne Browning-Aiken.



The Sonoran students, from the General Ignacio Zaragoza Primary School in Naco and the Instituto Americano in Cananea, Sierra Vista's Sister City, visited the classrooms of Sierra Vista Middle School sixth-grade teachers Gloria Dregseth, Rene

Villalva, and Fran Lider.

The students were escorted to Arizona by Hands Across the Border director Alicia Bristow and teachers Oscar Amaya, Berenice Franco, Marcia Zatarain, Isela Samaniego, Anabel Caudillo, and Marta Martinez, and primary school director Mario Moreno.

For more information about ECOSTART, contact Anne Browning-Aiken <browning@u.arizona.edu> or Denise Moreno <dmoreno@u.arizona.edu>, or call (520)884-4393.

NATIVE AMERICAN YOUTH ENTREPRENEUR CAMP - JULY 2002 -

Native American youth aspiring to succeed in the business world can hone their skills at the 2002 Native American Youth Entrepreneur Camp (NAYEC) to be organized by Udall Center staff on June 23-28 and on July 21-26. High-school juniors and seniors participating in the camp can learn how to create business plans and expand their awareness of business and economic development on tribal lands while getting a taste of college life at The University of Arizona. Participants in NAYEC also will gain exposure to and meet youth from other Indian nations (last year's camp hosted students representing Tohono O'odham, Navajo, Hopi, and Pascua Yaqui nations).

The brainchild of Joan Timeche, assistant director of the Udall Center's Native Nations Institute, the camp will include presentations by members of the Native American business community. During each 10-hour day, students will utilize their computer skills, work on personal business plans, and sell items at the youth marketplace, among other activities. The intensive curriculum is designed to encourage private-sector development on reservations. This year's camp is co-sponsored by the American Indian Studies Program, Southwest Retail Center for Education and Research, and Students in Free Enterprise at The University of Arizona.

For more information on NAYEC contact Joan Timeche at <timechej@u.arizona.edu> or Emily Chiles at <ebchiles@u.arizona.edu>.

NATION BUILDING: LEADERSHIP, GOVERNANCE AND ECONOMIC POLICY IN INDIAN COUNTRY

EXECUTIVE EDUCATION SEMINAR FOR TRIBAL PROGRAMS AND ENTERPRISE

The Udall Center's Native Nations Institute for Leadership, Management, and Policy (NNI) presented the first of a series of executive education seminars in nation-building, designed for the leaders and decisionmakers of Indian nations. The Executive Education Seminar for Tribal Programs and Enterprises was held March 6-8 with participants representing the Gila River Indian Community, Pueblo of Zuni, White Mountain Apache Tribe, Tohono O'odham Nation, and the Canadian First Nations of Mohawk Council of Akwesasne and Southern First Nations.

The sessions were presented by Manley Begay, Jr., NNI's director, and co-director of the Harvard Project on American Indian Economic Development (HPAIED); Stephen Cornell, director of the Udall Center, and co-director of HPAIED; Miriam Jorgensen, NNI's associate director of research, and research director of HPAIED; and H. Brinton Milward, McClelland Professor of Public Management at The University of Arizona and a faculty associate at the Udall Center.

UPCOMING NATION BUILDING SEMINARS

A seminar geared for **members of tribal councils or legislatures** is slated for **May 6-7, 2002**

A seminar designed for **tribal presidents, chairs, and governors** will take place **May 20-21, 2002**

For more information, contact Joan Timeche or Emily Chiles at (520) 884-4393 or [<nni@email.arizona.edu>](mailto:nni@email.arizona.edu).

Remembering Ervin Zube 1931-2002

On February 16, 2002, Ervin Zube passed away in Tucson, Arizona. A professor emeritus of renewable natural resources at The University of Arizona, Zube was a Udall Center Fellow during the 1992-1993 academic year, working on a project that involved the changing definition of national parks in the United States. His extensive research and publications on landscape assessment theory and methods earned him international acclaim.

CENTER BUILDS LINKS WITH INDIGENOUS AUSTRALIA

In March, Native Nations Institute director Manley Begay and Udall Center director Stephen Cornell traveled to Australia as guests of Reconciliation Australia, an independent organization working to promote reconciliation between Aboriginal and Torres Strait Island peoples and the wider Australian community. Reconciliation Australia was particularly interested in research findings on indigenous governance from the United States and asked Begay and Cornell to share their work and the work of the Harvard Project on American Indian Economic Development with Aboriginal communities and government officials in Australia.

A three-week schedule of travel and meetings took Begay and Cornell to eight Aboriginal communities in New South Wales, the Northern Territory, and Western Australia. They also met with federal and state officials and made presentations to several workshops on governance and development as well as at The Australian National University. The tour culminated in a major conference on indigenous governance in Canberra in early April. Begay and Cornell were featured conference speakers and were joined, either at the conference or on portions of the tour, by several leaders of indigenous nations in North America, including Chief Sophie Pierre of the St. Mary's First Nation in British Columbia, who is co-chair of the International Advisory Council of the Native Nations Institute.

GLOBAL SPOTLIGHT ON SAN PEDRO BASIN

The San Pedro River basin in Arizona and Sonora is a binational watershed within the Colorado River Basin. But because of the river's importance as a continental bird flyway and as the last remaining perennial stream crossing the U.S.-Mexico border, this small region has drawn substantial attention over the past few years.

In 1997-98 the San Pedro was the subject of the first environmental inquiry conducted by the then-new NAFTA-created Commission for Environmental Cooperation (CEC). Since that time, numerous efforts have



sought to involve stakeholders in discussions aimed at bridging disagreements between advocates of riparian protection and economic development.

With support from the CEC, the Ford Foundation, the Morris K. Udall Foundation, and the NSF-funded Sustainability of semi-Arid Hydrology and Riparian Areas (SAHRA) program at The University of Arizona, the Udall Center, as past issues of the *Udall Center Update* have reported, has played a central role in facilitating this process and in promoting better use of scientific information.

Dialogue on Water and Climate

The San Pedro River basin has been approved as the only North American participant (among some 20 regions from the world's seven continents) in the Dialogue on Water and Climate (DWC). The Udall Center, The University of Arizona's Institute for the Study of Planet Earth, and Mexican scientists from the National Autonomous University of Mexico (UNAM) and the Center for Scientific Investigations and Higher Education of Ensenada (CICESE) will work to integrate climate variability and change into water-management decisions through dialogues with stakeholders. The results of the basin dialogues will be presented at the March 2003 Third World Water Forum in Kyoto, Japan. The DWC is headquartered in Delft and Wageningen, The Netherlands, and supported by the Dutch government and a number of international donor agencies.

HELP:

Hydrology for Environment, Life, and Policy

Last year the San Pedro River was designated a demonstration basin by the international HELP (Hydrology for the Environment, Life, and Policy) initiative—an effort to encourage innovative, stakeholder-driven water-resources management. At conferences around the world, water managers, decisionmakers, hydrologists, other scientists, and policy scholars have learned about some of the pioneering efforts underway in the San Pedro basin. In August 2002 the San Pedro will be featured at a special HELP Symposium in Kalmar, Sweden ("Towards Integrated Catchment Management: Increasing the Dialogue Between Scientists, Policy Makers and Stakeholders"). An entire session will be allocated to presentations by the president of the newly-established watershed association in Sonora, ARASA (Regional Environmental Association of Sonora and Arizona); a representative of the Upper San Pedro Partnership, its Arizona counterpart; and a social scientist, Robert Varady of the Udall Center.



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NEW PUBLICATIONS

Binational Watershed Councils as Instruments for Conflict Resolution in the Upper Santa Cruz Watershed

By Christopher Brown (April 2002, 23 p., ISBN 1-931143-18-8, \$5.00). Explores opportunities for watershed approaches to water-resource problems in the Upper Santa Cruz River Basin along the U.S.-Mexico border and the utility such approaches may offer in resolving cross-border water conflicts.

Current Issues in Indian Health Policy

By Yvette Roubideaux (May 2002, 17 p., ISBN 1-931143-16-1, \$2.00). Explores the impact of recent changes in the Indian health care system on issues in Indian health policy such as key Indian health legislation and American Indian/Alaska Native population demographics and health status.

OTHER UDALL CENTER PUBLICATIONS

- **"Public-Private Partnerships as Catalysts for Community-based Water Infrastructure Development: The Border WaterWorks Program in Texas and New Mexico Colonias"** (reprint). M. C. Lemos, D. Austin, R. Merideth, and R. G. Varady (April 2002, *Environment and Planning C: Government and Policy* 20/2:281-95, \$2.00).
- **San Pedro River Basin Directory: A Guide to Agencies and Organizations.** D. Moreno (February 2002, 30 p., ISBN 1-931143-17-X, \$5.00).
- **Welfare, Work, and American Indians: The Impact of Welfare Reform. A Report to the National Congress of American Indians.** E. F. Brown, S. Cornell, et al. (November 2001, 66 p., \$2.00).
- **Feasibility of Purchase and Transfer of Water for Instream Flow in the Colorado River Delta, Mexico.** P.W. Culp. (September 2001, 45 p., ISBN 1-931143-14-5, \$6.00).
- **A Primer on Climatic Variability and Change in the Southwest.** R. Merideth (March 2001, 28 p., ISBN 1-931143-12-9, \$2.00).
- **Collaborative Conservation in Theory and Practice: A Literature Review.** A. Conley and A. Moote (February 2001, 33 p., ISBN 1-931143-13-7, \$10.00).

Prices include mailing and handling costs. Downloadable pdf versions of most of these publications are available free from the Udall Center's Web site udallcenter.arizona.edu. To order a printed copy of these publications, or for more information, please contact Kylie Dickman at kdickman@u.arizona.edu or at (520) 884-4393.