

# UDALL CENTER *UPDATE*

Notices from the Udall Center for Studies in Public Policy at The University of Arizona • Number 19 • September 2002



## PROJECT ASSESSES VULNERABILITY IN TRANSBORDER WATERSHEDS

What are the impacts of climate and drought on land-use decisions, local livelihoods, and land-cover change in the U.S.-Mexico borderlands? The SOMBRHERO project (Southwest and Mexico Border Region Human Environment Research Observatory), for which the Udall Center's Robert Varady and Robert Merideth are co-investigators (along with Andrew Comrie and Diana Liverman from the Department of Geography and Regional Development), is attempting to answer this and related questions. SOMBRHERO is now completing the first phase of a climate-change vulnerability assessment in two transborder watersheds: the Santa Cruz and the San Pedro. Three UA undergraduate students--Brenda Bonanno, Lucas Murray, and Greg Reiter--worked on the assessment this past summer with funding from the National Science Foundation's Research Experience for Undergraduates (REU) Program. Their efforts are part of SOMBRHERO's larger goal.

Additional initiatives of the project have included a Spring 2002 border field trip for UA undergraduate students who met with a Mexican high-school ecology club to learn about conservation projects in Nogales, Sonora, and conducted a pilot survey on water access in a local *colonia*. With the information acquired from this trip, the SOMBRHERO project will expand the survey to understand water-access issues in the Nogales area.



Differences in land management along the border of the United States (left) and Mexico (right) near Ambos Nogales Arizona/Sonora

CYNTHIA SORRENSEN

SOMBRHERO, part of the larger, nationwide HERO network based at Penn State University, is coordinated by Cynthia Sorrensen, Assistant Research Scientist at both the UA's Department of Geography and Regional Development and its Center for Latin American Studies. For more information, see the Web site <[www.u.arizona.edu/~csorren/sombrero](http://www.u.arizona.edu/~csorren/sombrero)> or contact Cynthia at <[csorren@email.arizona.edu](mailto:csorren@email.arizona.edu)> or (520) 621-1842.

## CENTER FACILITATES YAVAPAI COUNTY WATERSHED MANAGEMENT

The Udall Center held a strategic planning retreat in July 2002 to address the efforts in north central Arizona's Yavapai County to create a watershed-management program. The one-day gathering attended by representatives of the Yavapai County Water Advisory Committee (WAC), the Yavapai County Board of Supervisors, and Arizona State Representative Tom O'Halleran (R-Sedona) reviewed past solutions to water issues, clarified current and future issues, created a cooperative approach to addressing water concerns, and developed an understanding of the interrelatedness of local matters. The Center's Mette Brogden facilitated the event, while Anne Browning-Aiken coordinated research that identified interests represented. Colleen Loomis and Jennifer Shepherd also assisted with the effort.

Funding for the event came from the UA's Sustainability of semi-Arid Hydrology and Riparian Areas (SAHRA) Center, Water Resources Research Center, and Cooperative Extension Program. Following the success of this retreat, the Udall Center has been invited to continue work with the Yavapai County WAC in creating a watershed-management plan.

# native nations

## native american students develop business skills



ROSE CHSCHILLE

Entrepreneur camp students assist patrons with purchases.

High-school students representing the Pascua Yaqui, Navajo, Tohono O'odham, Gila River Pima, Choctaw, Salt River Pima-Maricopa, and Ak Chin Maricopa nations participated in this year's Native American Youth Entrepreneur Camp (NAYEC), held by the Udall Center's Native Nations Institute on The University of Arizona's campus in June and July. Camp participants explored product conception, creation, and marketability as well as business management skills. Activities fostered innovation, communication, and success-oriented thinking, skills that NNI's assistant director Joan Timeche hopes will encourage private-sector development on reservations. Its innovative curriculum, developed and taught by Timeche, offers the basics of economics, computer skills, strategies for success, and business plan preparation. NAYEC's 2002 sponsors included the Bank of America, Pascua Yaqui Tribe and Education Department, Tohono O'odham Economic Development Department, Gila River Indian Community, and Phoenix Cement Company (Salt River Pima Maricopa Indian Community), among others.

For more information on the camps, contact Joan Timeche at [timechej@u.arizona.edu](mailto:timechej@u.arizona.edu) or call (520) 884-4393.

## FIRST NATIONS GOVERNANCE ACT ANALYZED BY NNI

In the spring of 2002, the Office of the British Columbia Regional Vice-Chief of the Assembly of First Nations (AFN) asked the Udall Center's Native Nations Institute (NNI) to provide an analysis of the First Nations Governance Act currently under consideration by the Canadian Parliament. In particular, AFN asked NNI to evaluate the apparent strengths and weaknesses of the proposed legislation based on research findings of the Harvard Project on American Indian Economic Development, which, along with NNI, has done extensive work on Native governance and development in the United States and, increasingly, in Canada. NNI submitted its analysis in late July. For more information contact Stephen Cornell at [<scornell@u.arizona.edu>](mailto:scornell@u.arizona.edu) or (520) 884-4393

## CAMPAIGN FOR NATIVE NATIONS ENDOWMENT UNDERWAY

The Center's Native Nations Institute (NNI) has launched a program-fundraising campaign, hosting two key events in Spring 2002 to benefit its Native Nations Endowment Fund. On May 23rd, with the generous assistance of Roger Willie, co-star of the recent film *Windtalkers*, some 400 filmgoers attended a free viewing of the movie, held at El Con Century Theatre. Nearly 150 of those in attendance stayed for a fundraising reception held after the screening. Sponsors of the event included The University of Arizona Foundation, Campaign Arizona, and the Pascua Yaqui Tribe, among many others. On May 24th, the Pascua Yaqui Tribe and Roger Willie hosted the 1st Annual NNI Golf Tournament at Starr Pass Golf Resort. Sixty golfers participated.

For information about the NNI Endowment Fund, please contact Manley Begay at [mbegay@u.arizona.edu](mailto:mbegay@u.arizona.edu) or at (520) 884-4393.

## new reports available

*Native American Health and Welfare Policy in an Age of New Federalism* offers an update of presentations from a conference held in Tucson in November 1998. Included are summaries on topics such as the economics of Indian health care, competing in the changing health care marketplace, and advancing Native American health and welfare, among others. (ISBN 1-931143-19-6, 99 p., \$12.00)

*Building Native Nations: Environment, Natural Resources, and Governance* summarizes presentations from a December 2001 event held in Tucson. Attended by more than 200 people, the conference explored the governance and policy challenges faced by American Indian and other indigenous nations in dealing with natural resources and environmental management issues. Pre-orders are currently being accepted for this Fall 2002 publication.

**"What is Institutional Capacity and How Can It Help American Indian Nations Meet the Welfare Challenge?"** is a paper presented by Udall Center director Stephen Cornell at a symposium on "Capacity Building and Sustainability of Tribal Governments: The Development of Social Welfare Systems" held at Washington University in St. Louis on May 21-23, 2002. The paper argues that the capacity of governing institutions is an essential element in American Indian efforts to address welfare dependency and recent changes in welfare administration, and that institutional capacity-building is a necessary and urgent task. The paper is available on the Center's Web site at <[udallcenter.arizona.edu](http://udallcenter.arizona.edu)>.

To order or inquire about these publications, please contact Kathleen Veslany at (520) 884-4393 or at <[veslany@u.arizona.edu](mailto:veslany@u.arizona.edu)>.

### CENTER SELECTS FELLOWS FOR 2002-2003

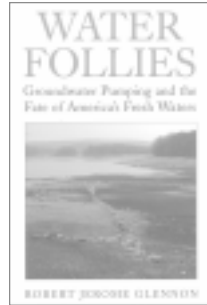
The Udall Center, with support from the UA's Institute for the Study of Planet Earth (ISPE) and the College of Social and Behavioral Sciences (SBS), is pleased to welcome four UA faculty members to participate in its Fellows Program in the upcoming academic year. Initiated in 1990, this scholars-in-residence program allows each Fellow to spend a semester at the Center engaging in public-policy research. Including the 2002-2003 class, nearly 100 faculty members and researchers have come to the Center as Fellows. A report documenting the program, *Udall Center Fellows: A Decade of Policy Scholarship*, is available at no cost upon request from the Center.

In fall 2002, **Elizabeth Willott**, Assistant Professor of Entomology, will research the *Aedes aegypti* mosquito and community-based mosquito control programs in Arizona. Three faculty members will be Udall Center Fellows in the spring of 2003. **Karl Flessa**, Professor of Geosciences, will carry out research on the Colorado River Delta. He is particularly interested in how much water is necessary to sustain the existing riparian and estuarine habitats, and to restore habitats for the Delta's endangered species. **Beth Mitchneck**, Associate Professor of Geography and Regional Development, and Associate Dean of Academic Affairs for the College of Social and Behavioral Sciences, will explore the nature of spatially variable governance and local economic development in Russia. **Linda Molm**, Professor of Sociology, will examine the policy implications of social exchange processes and how the form of exchange affects trust, commitment, and fairness.

Willott and Flessa received support from ISPE; Mitchneck and Molm from SBS. For more information on this program, contact Kathleen Veslany at (520) 884-4393 or at <[veslany@u.arizona.edu](mailto:veslany@u.arizona.edu)>.

## BOOK EXAMINES GROUNDWATER PUMPING

Robert Jerome Glennon, a long-time associate of the Udall Center and University of Arizona Morris K. Udall Professor of Law and Public Policy, has recently published *Water Follies: Groundwater Pumping and the Fate of America's Fresh Waters*. Glennon, who partners with the Center in selecting the winner of the annual Lillian S. Fisher Prize (see article below), bases the book on research begun with support from a Udall Center environmental conflict resolution seed grant. He discusses the United States' increasing reliance on groundwater and uses the near-demise of the Santa Cruz River in Arizona, among other stories of water sources across the country, to illustrate the array of problems caused by groundwater pumping. The book is available from Island Press at <[www.islandpress.org](http://www.islandpress.org)>.



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## LILLIAN S. FISHER PRIZEWINNERS ANNOUNCED

The Center is pleased to announce the co-winners of the 2002 Lillian S. Fisher Prize in Environmental Law and Public Policy. A. Kate Bouchee and Mich Coker will share the prize. Bouchee wins for her essay exploring "The Lacey Act: A Comparison between the Legislative History and the Courts' Interpretation of the Act." Coker's prizewinning article examines "Saving the Sierra: Alternative Mechanisms for Conserving Northern Mexico's Last Wild Places." With the award, each student will receive a \$500 stipend.

This prize is awarded each spring to a student in the University of Arizona's College of Law for an essay on environmental law or public policy with an endowment established by retired judge Lillian S. Fisher.