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INSTITUTE OF BEHAVIORAL SCIENCE ■

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UNIVERSITY OF COLORADO

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AT BOULDER ■ AUG/SEPT 2006 ■

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## NEWSLETTER

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### SPECIAL EVENT

The International Society of New Institutional Economics (ISNIE) will hold its 10th Annual Conference, "Institutions: Economic, Political and Social Behavior," at the Millennium Hotel, September 21-24. As president-elect, **Lee Alston**, Environment and Society Program Director is hosting the conference. The program will include over 50 panel sessions and a keynote lecture by the 1993 Economics Nobel Laureate Douglass C. North.

CU students, faculty, and staff are welcome to attend sessions at no charge. The program for the conference can be found on the ISNIE website: <http://www.isnie.org/>.

### KUDOS

**Robert McNown** was awarded a Fulbright Fellowship for his work with Vietnamese economists. McNown will be going to Vietnam, September 2006 –January 2007, to teach econometrics at Hanoi National Economics University. This is the second time that McNown has received a Fulbright award. The first award was for his work in Nepal when he taught econometrics to students there.

### PROGRAM ACTIVITIES

#### ENVIRONMENT AND SOCIETY PROGRAM

**Chuck Howe** gave a plenary talk entitled "Water as a Commodity" at the 31st Colorado Water Workshop at Western State College in Gunnison, July 26-28. Several points of view of the values associated with water were presented by several speakers including values and cooperation in the old Hispanic acequia systems, the agrarian origins of current water law, water values emanating from forest lands, contemporary urban values, and ecosystem values. The session was chaired by Justice Greg Hobbs of the Colorado Supreme Court. A main point of Howe's paper was to debunk the frequently asserted dichotomy of "water as a public good versus water as a commodity." Water never has the properties of a true "public good" and no water market, wholesale or retail, operates without some social oversight. A second point was that the existing legal framework that militates against "speculation" (all irrigation farmers speculate in water) and overly protects existing water rights is increasingly inefficient and costly to all water users. Coasian bargaining cannot overcome these problems because of the large number of parties involved.

**John Wiener** presented a paper at the annual conference of the Universities' Council on Water Resources in Santa Fe, July 18-20. "Moving Toward More Efficient Water Markets: Institutional Barriers & Innovations" is the result of work that he and **Chuck Howe** have carried out over the past three years under NOAA sponsorship. Water

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## PROGRAM ACTIVITIES

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markets, under various forms of policy oversight, are playing an increasing role in the re-allocation of water in response to increased urban and environmental demands. The main questions raised were, “What features of successful water markets can be incorporated in emerging, new water markets?” and “What are the barriers to this institutional transfer?” The main lessons from successful markets have been that transaction costs must be kept low and that it must be possible to complete transfers quickly. Current barriers include legal rulings that are overly protective of existing water (property) rights and increasingly costly both to the agricultural and urban sectors.

Wiener presented a review of potential biology issues related to water transfers and the lack of information on irrigation as hybrid ecology at the Society for Conservation Biology, June 24-28.

### In Print

**Brenkert-Smith, Hannah.** “The Place of Fire.” *Natural Hazards Review* 7, no. 3 (2006): 105-113. As the wildland-urban interface (WUI) grows in size and density and increasing levels of funding are being directed toward education and outreach programs targeting residents in these communities, it is becoming increasingly important to investigate residents’ responses to wildfire risk. This is particularly true because participation of WUI residents in reducing fire risk constitutes an important piece in the management of wildland fire problems. Few studies have examined how residents living in fire-prone areas feel about and adapt to increasing levels of wildfire risk. In this paper, Brenkert-Smith investigates “place” as a salient theme shaping the decision-making process around the implementation of wildfire risk reduction measures on private property. Insight into this process will be valuable to fire and forest managers who are increasingly charged with the responsibility of galvanizing WUI residents and communities to take part in wildfire risk reduction.

**Brenkert-Smith, Hannah, Patricia A. Champ, and Nicholas Flores.** “Insights into Wildfire Mitigation Decisions among Wildland-Urban Interface Residents.” *Society and Natural Resources* 19, no. 8 (2006): 759-768. In-depth interviews conducted with homeowners in five Colorado wildland-urban interface communities reveal that the homeowners face difficult decisions regarding the reduction of wildfire risk. Rather than seeing risk reduction as straightforward, homeowners appear to be involved in a complex decision-making process with social considerations. The interviews shed light on the social context in which homeowners make wildfire mitigation decisions, participants’ perceptions of how the biophysical landscape near their residences affects mitigation, and participants’ perceptions of wildfire mitigation options.

### Natural Hazards Center

The Center held its 31st Annual Hazards Workshop at the Millennium Hotel, July 9-12. The workshop brought together nearly 450 disaster researchers and practitioners from around the world to discuss and debate critical issues in disaster research, preparedness, response, and mitigation. The opening keynote address was given by Margareta Wahlstroem, the United Nations Assistant Secretary-General for Humanitarian Affairs. The plenaries and concurrent sessions covered a range of topics, from recovery after Hurricane Katrina to the politics of international disasters and the role of journalism in

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## IN FOCUS



Jane Menken  
Director  
Institute of Behavioral Science

Throughout this year, we will be bringing to your attention ways in which our research is disseminated and translated into service of many types. I want to thank the many IBS faculty and staff members whose hard work contributed to the success of these conferences.

## IBS Contributions through Service to Society and Dissemination of Knowledge

As we begin a new academic year, I want to initiate an occasional series of brief summaries of IBS contributions to the communities we are part of – the Campus, the City of Boulder, the State of Colorado, our professional communities, the Nation, and the Global community. Our contributions come officially through IBS programs and through the individual contributions of faculty, researchers, and staff.

The Institute of Behavioral Science was founded in 1957 to carry out interdisciplinary, collaborative research on problems of societal concern. The Institute has always taken as its mission the responsibility to generate new knowledge, to disseminate that knowledge, and to translate it to serve societal needs. For this first note, I highlight three conferences organized in 2006 by IBS units and focused on service and dissemination.

Two Centers within IBS, the Center for the Study and Prevention of Violence and the Natural Hazards Center, organized major conferences that brought together researchers, practitioners, and policy makers.

The Center for the Study and Prevention of Violence works to establish more comprehensive and effective information to impact violence-related policies, programs, and practices. The goal of its Blueprints for Violence Prevention Program is to identify violence prevention programs that can make a difference. Distinguished Professor **Del Elliott** is the Director and **Sharon Mihalic** is the Project Director for the program. The goal of the inaugural Blueprints for Violence Prevention Conference, held in Denver in March 2006, was to help practitioners implement evidence-based programs successfully in their own communities. The Conference offered three days of addresses and breakout sessions that explored model programs for prevention of violence, delinquency, and drug use. It drew over 1,000 national and international participants and ended with the consensus that it needs to become a regular feature of the Center's activities.

The Hazards Center, founded by Distinguished Professor Emeritus and National Medal of Science recipient **Gilbert F. White**, has served since 1976 as a national and international clearinghouse of knowledge concerning the social science and policy aspects of disasters. Professor **Kathleen Tierney** directs the Center and **Greg Guibert** is its Project Manager. Each year, the Center hosts the invitation-only Hazards Research and Applications Workshop, held in Boulder. The July 2006 Workshop involved over 400 federal, state, and local emergency officials; representatives of nonprofit, humanitarian organizations; hazards researchers; disaster planners for private industry; and a host of other persons dedicated to preventing and mitigating the pain and loss inflicted by disasters. Its emphasis

## IN FOCUS

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this year was, of course, on Katrina and the lessons that must be learned from the lack of preparedness and disorganized response to this predicted disaster.

The third conference is the annual meeting of the International Society for New Institutional Economics, brought to Boulder in September by Professor **Lee Alston** in his role as President-elect of the Society. The New Institutional Economics is an interdisciplinary enterprise combining economics, law, organization theory, political science, sociology, and anthropology to understand the institutions of social, political, and commercial life. Its goal is to explain what institutions are, how they arise, what purposes they serve, how they change and how, if at all, they should be reformed. All CU faculty members, researchers, and students are invited to attend the conference, without charge, and to participate in this new intellectual endeavor. Nobel Prize economist Douglass C. North is to be the keynote speaker.

IBS is proud of these contributions. Throughout this year, we will be bringing to your attention ways in which our research is disseminated and translated into service of many types. I want to thank the many IBS faculty and staff members whose hard work contributed to the success of these conferences.

If you would like to know more about the events described in this first note and about the people who make them possible, I invite you to access the websites below:

<http://www.colorado.edu/ibs/pb/about.html>  
<http://www.colorado.edu/news/releases/2006/83.html>

<http://www.colorado.edu/hazards/>  
<http://www.time.com/time/searchresults?query=Kathleen+Tierney>

<http://www.colorado.edu/ibs/eb/>  
[http://www.isnie.org/pages/conferences\\_2.html](http://www.isnie.org/pages/conferences_2.html)

## PROGRAM ACTIVITIES

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reporting disasters. The final plenary focused on the state of federal emergency management in the United States and featured former-FEMA director Michael Brown as a discussant. Summaries of the sessions and plenaries are available on the Center's website: <http://www.colorado.edu/hazards/workshop/archives/2006/>

In June, the Center partnered with the Congressional Hazards Caucus and the American Sociological Association to host a congressional seminar on critical social issues in hazards facing the United States. For a standing room only audience of Capitol Hill staffers, federal agency representatives, and others, a panel of experts spoke about pressing post-Katrina hazards issues and answered questions on a variety of topics. Following an introduction from Dennis Wenger of the Hazards Reduction and Recovery Center at Texas A&M University, Center director **Kathleen Tierney** discussed the social issues that arose in the storm's response. The other featured speakers were Howard Kunreuther from the Risk Management and Decision Processes Center at the Wharton

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## PROGRAM ACTIVITIES

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School of Business, who presented the pros and cons of comprehensive disaster insurance, and William Anderson of the National Academies of Science Natural Hazards Roundtable, who spoke about a forthcoming report by the National Research Council: "Facing Hazards and Disasters: Understanding Human Dimensions." The seminar is the latest effort by the Center to expand its educational and outreach efforts to new constituencies. Members of Congress and their staff are important partners in hazards mitigation efforts both within their own districts and for the entire nation. Through efforts such as this, the Center introduces more people to hazards and disasters research and literature and provides solid scientific information to important decision makers.

### In Print

Committee on Disaster Research in the Social Sciences: Future Challenges and Opportunities. "Facing Hazards and Disasters: Understanding Human Dimensions." Washington, D.C.: National Academies Press, 2006. This report, conducted with support from the National Science Foundation, assesses the current state of social science hazards and disaster research and provides a set of over thirty recommendations that reflect opportunities and challenges in the field. **Kathleen Tierney** is a member of this committee whose primary mission is to provide NSF and other stakeholders with a detailed appraisal of the short- and long-term challenges facing social science hazards and disaster research, and also new and emerging opportunities for advancing knowledge within the social sciences and through interdisciplinary collaborations with the natural sciences and engineering.

## HEALTH AND SOCIETY PROGRAM

### In Print

**Turbin, Mark, Richard Jessor, Frances M. Costa, Qi Dong, Hongchuan Zhang, and Changhai Wang.** "Protective and Risk Factors in Health-Enhancing Behavior Among Adolescents in China and the United States: Does Social Context Matter?" *Health Psychology* 25, no. 4 (2006): 445-454. An explanatory model of adolescent health-enhancing behavior based on protective and risk factors at the individual level and in four social contexts was employed in a study of school-based samples from the People's Republic of China (n=1739) and the United States (n=1596). A substantial account of variation in health-enhancing behavior—and of its developmental change over time—was provided by the model for boys and girls, and for the three grade cohorts in both samples. In both samples, social context protective and risk factors accounted for more unique variance than did individual-level protective and risk factors, and context protection moderated both contextual and individual-level risk. Models protection and controls protection were of particular importance in the explanatory account.

## POLITICAL AND ECONOMIC CHANGE PROGRAM

### In Print

**Scarritt, James R.** "The Strategic Choice of Multiethnic Parties in Zambia's Dominant and Personalist Party System." *Commonwealth and Comparative Politics*, 44, no. 2

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## PROGRAM ACTIVITIES

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(2006): 234-256. In Zambia, ethnopolitical mobilization is ubiquitous in competitive electoral politics. Mobilization history, focused on national leadership and guided by the nationalist and power and status-seeking values of political leaders, has interacted with ethnopolitical group morphology and presidential and plurality institutions to structure political actors' strategic choices to favor broad multiethnic parties. This militates against the emergence and undermines the sustainability of ethnic parties that rely overwhelmingly on one group for support. The political downfall of the one leader who assembled an initially successful minimum winning coalition reinforced these factors in encouraging parties to seek more inclusive multiethnic support.

### POPULATION PROGRAM

#### CU Population Center

The University of Colorado Population Center (CUPC) recently funded four developmental grants, totaling \$26,467. These awards represent an invaluable way to support junior and senior faculty, fund graduate students, bridge programs, and encourage interdisciplinary research. The CUPC Developmental Grant Review Committee consisting of **Andrei Rogers**, **Jason Boardman**, and **Richard Rogers** made the following awards: **Jill Williams** for her project entitled "Temporary Female Labor Migration and Household Survival Strategies in Rural South Africa," **Jani Little** for her project entitled "GIS and Contextual Data: An Archive for Population Research," **Jason Boardman** for his project entitled "Psychological Resiliency as a Heritable Characteristic," and **Lori Hunter** for an exploratory trip to consider potential future demographic research projects.

### PROBLEM BEHAVIOR PROGRAM

Over the past several months, the Problem Behavior Program, including the Center for the Study and Prevention of Violence, has spent a lot of time preparing for the move to their new home at 1877 Broadway. The move took place during the last week of July in the midst of a sea of contractors taking care of last minute details such as carpeting, painting, lighting, air conditioning, electrical outlets, door locks, etc. Program personnel are happy to report that sightings of the contractors are fewer and most of the boxes are unpacked, freeing them to settle into a comfortable routine and adjust to their new office space and downtown location. Moving thirty-five staff members and several major, longitudinal studies is no small feat, but thanks to all, they made it and the move itself went very smoothly. They are now located at the corner of Broadway and Walnut Street, only a few short blocks from IBS 1 and the rest of the Institute programs. All phone numbers and e-mail addresses remain the same. The new mailing address is: 1877 Broadway, Suite 601, Boulder, CO 80302. If you want to use campus mail, the mail is now delivered to IBS 1 at 483 UCB.

## UPCOMING COLLOQUIA

Please refer to the following webpage for the IBS colloquia schedules:  
<http://www.colorado.edu/ibs/events/colloquia.html>.

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## RESEARCH PROPOSALS SUBMITTED

### Environment and Society Program

Flores, Nicholas	“Supplement to: Economic and Multicriteria Analysis of River Restoration Decisions”			
	NSF via University of Minnesota	07/01/06 – 06/30/07	Supplement	\$20,000

### Political and Economic Change Program

Brown, David	“Globalization and Social Spending in Brazil”			
	NSF	01/01/07 – 12/31/08	New	\$274,873
Brown, David	“Discounting Democracy: WalMart’s Impact on Social Capital”			
	NSF	01/01/07 – 12/31/08	New	\$124,476

### Population Program

Liu, Ying	“Collaborative Research: Variable Selection for Mixed-Effect Models”			
	NSF	09/01/06 – 08/31/09	New	\$186,305
Menken, Jane	“Unpacking Self-rated Health in Aging Populations in Africa and Asia”			
	HHS via Harvard University	07/01/06 – 06/30/12	New	\$661,339
Kuhn, Randall	“Migrant Networks and Health in Indonesia and Bangladesh”			
	HHS	04/01/07 – 03/31/10	Resubmission	\$619,319
McKinnish, Terra	“Decomposing Neighborhood Change”			
	HHS	12/01/06 – 11/30/08	Resubmission	\$149,000
Reniers, Georges	“Population Level Impact of ART on Adult Mortality in Addis Ababa, Ethiopia”			
	World Health Organization	01/01/07 – 12/31/07	New	\$75,000
Menken, Jane <i>Rogers, Richard (Co-PI)</i>	“Videoconferencing Equipment for the African Population Studies Research and Training Program”			
	William & Flora Hewlett Foundation	10/01/06 – 09/30/09	New	\$22,989

### Problem Behavior Program

Elliott, Del <i>Mihalic, Sharon (Co-PI)</i>	“W.T. Grant Distinguished Fellowship”			
	William T. Grant Foundation	07/01/06 – 06/30/07	New	\$18,244
Huizinga, David	“Understanding Delinquency: A Longitudinal Multi-Disciplinary Study of Developmental Patterns”			
	Department of Justice	10/01/06 – 09/30/07	Supplement	\$100,000
Thornberry, Terry	“Program of Research on the Causes and Correlates of Delinquency: A Panel Study of a Reciprocal Cause Model of Delinquency”			
	Department of Justice	10/01/06 – 09/30/07	Supplement	\$100,000
Thornberry, Terry	“Intergenerational Transmission of Risk for Drug Use”			
	HHS	07/01/06 – 06/30/07	Supplement	\$435,399
Woodward, Bill	“Info-Sharing and Introp Communications Assessment”			
	State of Colorado	05/01/06 – 12/31/06	New	\$114,600
Huizinga, David	“Violent and Non-Violent Victimization, Delinquency, Juvenile Justice, and Mental Health”			
	OJJDP	10/01/06 – 09/30/08	New	\$399,865
Thornberry, Terry	“Maltreatment and Delinquency Across Three Generations”			
	OJJDP	01/01/07 – 12/31/08	New	\$396,438

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## RESEARCH PROPOSALS AWARDED

### Environment and Society Program

Walsh, Randall	“Tax Exporting and Mobility: Evidence from the Vacation Home Market in Michigan”			
	Lincoln Institute	12/14/05 – 12/31/06	New	\$32,200
Tierney, Kathleen	“Supplement to: A Clearinghouse on Natural Hazards Research”			
	NSF	08/01/06 – 07/31/07	Supplement	\$238,499

### Health and Society Program

Turbin, Mark	“Cultural Aspects of Latino Early Childhood Obesity”			
	University of Colorado at Denver Health Sciences Center	06/01/06 – 06/30/06	New	\$4,658

### Political and Economic Change Program

O’Loughlin, John	“REU: The Dynamics of Civil War Outcomes: Bosnia and the North Caucasus”			
	NSF	04/06/06 – 09/30/07	New	\$6,000

### Population Program

Boardman, Jason	“The social determinants of genetic expression: A life-course perspective”			
	NICHD	07/05/05 – 06/30/07	Renewal	\$117,922
Madhavan, Sangeetha	“Household Level Effects of HIV/AIDS Mortality”			
	NICHD	03/07/05 – 02/28/07	Renewal	\$61,520
Rogers, Richard	“NICHD Population Center”			
	NICHD	07/07/05 – 05/31/07	Renewal	\$179,531
Boardman, Jason	“Genetic Aspects of Psychological Resiliency Among U.S. Adults (MIDUS)”			
	University of Wisconsin	09/01/06 – 08/31/07	New	\$15,000

### Problem Behavior Program

Huizinga, David	“Life Course Trajectories of Substance Use and Crime”			
	University of Washington	09/15/05 – 08/31/06	New	\$79,000
Thornberry, Terry	“Intergenerational Transmission of Risk for Drug Use”			
	NIDA	07/01/06 – 06/30/07	Renewal	\$425,166
Thornberry, Terry	“Life Course Continuity and Change in Antisocial Behavior”			
	NIMH	09/30/05 – 06/30/07	Renewal	\$529,944

Jane A. Menken, Institute Director

**Environment and Society Program**

Lee J. Alston, Director

Natural Hazards Center

Kathleen Tierney, Director

**Health and Society Program**

Richard Jessor, Director

**Political and Economic Change Program**

Edward S. Greenberg, Director

**Population Program**

Richard G. Rogers, Director

CU Population Center

Richard G. Rogers, Director

Population Aging Center

Jane A. Menken, Director

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