

IBS

INSTITUTE OF BEHAVIORAL SCIENCE ■

UNIVERSITY OF COLORADO

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NEWSLETTER

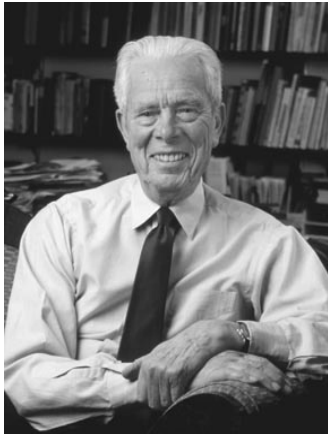
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CU TO HONOR GILBERT WHITE



At its meeting on March 2, the University of Colorado Board of Regents voted to award an Honorary Degree to Gilbert White during Commencement ceremonies at the end of spring semester. This is an extraordinary recognition of the extraordinary achievements of our most senior—and most admired—colleague. Gilbert's contributions across the decades have been legion (<http://www.colorado.edu/hazards/gfw/>), and he has brought international distinction and renown not only to the University but to the Institute of Behavioral Science (IBS), as well. As the director of IBS from 1970 to 1980, he established a climate of collaborative collegiality that has characterized its endeavors ever since, and his scholarly leadership has helped to shape the Institute's future. Gilbert was nominated for this award by the IBS Board of Directors, and the nomination was supported by many of the campus' most distinguished faculty and by the Department of Geography. Among his many other achievements, Gilbert was recognized for having reshaped the discipline of geography to encompass natural hazards, for developing a paradigm for flood plain management across the globe, and for establishing the Natural Hazards Center in IBS. We take pride in counting Gilbert a colleague and friend, and IBS congratulates him on this most appropriate and well-deserved award.

FROM THE DIRECTOR'S OFFICE

The IBS Board of Directors has decided to make slight changes to the names of the IBS programs. The idea was to both shorten them and bring them up to date in the interest of better communicating who we are and what we do (on the internet, in university documents and news releases, in newspaper stories and the like). So we hope you like the changes.

Environment and Society Program
Health and Society Program
Political and Economic Change Program
Population Program
Problem Behavior Program

KUDOS

Erica Kuligowski, graduate research assistant at the Natural Hazards Center, was a recipient of two prestigious awards from the U.S. Department of Commerce. A bronze medal was awarded for the extraordinary support she and three colleagues demonstrated at the National Institute of Standards and Technology (NIST) Fire Research Division to ensure the accuracy and quality of the analysis, simulations, final report, and recommendations in the investigation of the Station Nightclub Fire in West Warwick, Rhode Island. Kuligowski was also a member of a team of thirty-seven individuals

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KUDOS

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awarded a gold medal for scientific and engineering achievement, and administrative and technical support in conducting the NIST's World Trade Center disaster investigation. The report for the Station Nightclub Fire is at <http://fire.nist.gov/bfrlpubs/fire05/art033.html> and the World Trade Center report is at http://wtc.nist.gov/reports_october05.htm.

Julie Baxter, Natural Hazards Center Communications Specialist, was recognized in February with the 2005 Student Achievement Award in Natural Hazard Risk Reduction from the State of Oregon's Partners for Disaster Resistance & Resilience. She was the project manager of a team of University of Oregon graduate students which received the award for its work on the Lane County Community Wildfire Protection Plan. The award was given for projects executed by a student or group of students who demonstrated exceptional merit in the field of natural hazards risk reduction for 2005.

Michael Radelet, Problem Behavior Program Faculty Research Associate, and Professor and Chair of the Department of Sociology, received the Paul Tappan Award from the Western Society of Criminology (WSC) for his outstanding contributions to the field of criminology. The WSC is a regional professional society devoted to the scientific study of crime. The society attracts criminology scholars, students, government officials and public and private practitioners from around the world. During the annual meeting, WCS members discuss the latest criminological research, interact with the prominent scholars, policy makers and legislators, examine new and forthcoming books, and learn about employment opportunities.

PROGRAM ACTIVITIES

ENVIRONMENT AND SOCIETY PROGRAM

In Print

Alston, Lee J. and Bernardo Mueller. "Pork for Policy: Executive and Legislative Exchange in Brazil." *Journal of Law Economics and Organization* 22, no. 1 (2006): 87-114. The Brazilian Constitution of 1988 gave relatively strong powers to the president. The authors model and test executive-legislative relations in Brazil and demonstrate that presidents have used pork as a political currency to exchange for votes on policy reforms. In particular, Presidents Cardoso and Lula have used pork in exchange for amendments to the Constitution. Without policy reforms, Brazil would have had greater difficulty meeting its debt obligations. The logic for the exchange of pork for policy reform is that presidents typically have greater electoral incentives than members of Congress to care about economic growth, economic opportunity, income equality, and price stabilization. Members of Congress generally care more about redistributing gains to their constituents. Given the differences in preferences and the relative powers of each, the legislative and executive branches benefit by exploiting the gains from trade.

Natural Hazards Center

Since Hurricane Katrina, **Kathleen Tierney** has been providing advice and guidance to the U.S. House of Representative's Select Bipartisan Committee to Investigate the Preparation for and Response to Hurricane Katrina. The 362-page final report noted a committee's interview with Tierney where she reported that "misleading or completely

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IN FOCUS



The State Homeland Security Assessment and Strategy Team
 Standing: Bill Woodward, Jane Grady.
 Seated: Susanne Maher, Susan Lineberry.

The Colorado State Homeland Security Assessment and Strategy Project

*In August 2003, Problem Behavior Program's Center for the Study and Prevention of Violence (CSPV) received a multi-year grant to assist the Colorado Office of Preparedness, Security, and Fire Safety (OPSFS) in completing a homeland security assessment for the state of Colorado. Staff include **William Woodward**, Project Director and Principal Investigator, **Susanne Maher**, Professional Research Assistant and Project Manager, **Jane Grady**, CSPV Assistant Director, and **Susan Lineberry**, Professional Research Assistant.*

The 2003 State Homeland Security Assessment and Strategy required states to assess their threats, vulnerabilities, capabilities, and needs related to preparedness for weapons of mass destruction incidents at both the state and local level. These assessments were modified from a previous assessment in 1999 to reflect post September 11, 2001 realities, as well as to identify progress on the priorities outlined in their initial homeland security three-year statewide strategies. The 2003 assessment and strategy process was modified and designed to align with and focus on the six critical mission areas, as defined by the National Strategy. The critical mission areas identified at that time included intelligence and warning, border and transportation security, domestic counter-terrorism, protecting critical infrastructure, defending against catastrophic terrorism, and emergency preparedness and response. Submission of this data provided the federal government with vital information on the capabilities and needs of emergency responders on a national scale. The assessment was intended to serve as a planning tool for state and local jurisdictions, as well as assist the Office for Domestic Preparedness and its partners in better allocating federal resources for homeland security. Submission and approval of the updated assessment data and a revised strategy was a requirement for states to receive funding in fiscal year 2004.

Every Colorado jurisdiction, defined as a county or an indian tribe, was required by OPSFS to participate in the assessment process in order to be eligible to receive a portion of the state's allocation of homeland security funding. CSPV staff conducted regional workshops across the state throughout the fall of 2003 to assist the sixty-four counties and two indian tribes with the process of completing their assessments and entering the data into an online collection tool. Once the data was submitted to the federal government, data analyses were conducted to provide Homeland Security Coordinators for each of the nine Colorado All-Hazards regions with an aggregate of the county-level data collected in their regions. CSPV staff has continued to work with jurisdictions to validate and update the data submitted for the 2003 assessment, as well as provide assistance to the state in updating the Colorado state strategy and completing their application for homeland security grant funding. In October 2005, the issuance of the National Preparedness Goal by the Department of Homeland Security further refined how the nation and

The Goal established measurable readiness priorities that states are required to assess their resources against to prevent, protect, respond to, and recover from terrorist attacks, major disasters, and other emergencies.

IN FOCUS

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individual states should approach domestic preparedness and homeland security. The Goal established measurable readiness priorities and targets for states to assess their resources against to prevent, protect, respond to, and recover from terrorist attacks, major disasters, and other emergencies. This “Capabilities-Based Planning” assesses capabilities suitable for a wide range of threats and hazards, within an economic framework that necessitates prioritization and choice, and addresses uncertainty by analyzing a wide range of possible scenarios to identify required capabilities. The CSPV staff will continue to work with the state to update and assess the resources that meet the requirements to implement the “National Preparedness Goal” at the state, local, and tribal level.

PROGRAM ACTIVITIES

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false media reports should have been among the most foreseeable elements of Katrina. It’s a well-documented element of disaster response. What you do has to be based on knowledge, not rumor, and you’re going to be faced with a lot of rumors.”

In January, Tierney submitted written testimony to the Senate Homeland Security and Government Affairs Committee regarding its investigation of the Katrina disaster.

In Print

Kathleen Tierney and **Christine Bevc** presented a poster on the Natural Hazards Center to the Science Board of the National Science Foundation (NSF), February 10. The poster session was part of the Science Board’s meeting highlighting NSF-funded work at CU. The Natural Hazards Center was one of only twenty-four posters selected for this session from the five hundred and fifteen NSF-funded projects across campus.

Jeannette Sutton spoke to the Boulder County Optimist Club, January 11, on social science research and disasters. Sutton presented an overview of the Natural Hazards Center and focused on the Quick Response research related to Hurricane Katrina.

Christine Bevc, **Sophia Liu**, **Jeannette Sutton**, and **Kathleen Tierney** attended the Second Annual All-Hands Meeting, Responding to Crises and Unexpected Events (RESCUE) in San Diego, January 9-10. Tierney, Bevc and Liu presented a poster of their on-going collaborative work with researchers at the University of California-Irvine. The poster illustrated the emergent multi-organizational networks (EMONs) following 9/11.

Tierney, Kathleen J., **Christine Bevc**, and **Erica Kuligowski**. “Metaphors Matter: Disaster Myths, Media Frames, and their Consequences in Hurricane Katrina.” *The Annals of the American Academy of Political and Social Science* 604, no. 1 (2006): 57-81. This invited article in the AAPSS special issue on Hurricane Katrina focuses on the promulgation of disaster myths by the media during and following the hurricane.

POPULATION PROGRAM

Bryan Jones, **Junwei Liu**, **Jani Little** and **Andrei Rogers** presented papers at a special session on the indirect estimation of migration held at the 45th Annual Meeting of the

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PROGRAM ACTIVITIES

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Western Regional Science Association in Santa Fe, New Mexico, February 22-25. The session was devoted to reports on work being carried out on that topic in the Institute's Population Program and supported by grants from the National Science Foundation and the National Institute of Child Health and Human Development.

Working Papers

<http://www.colorado.edu/ibs/pop/pubs/wp.html>

Rogers, Andrei, Junwei Liu, Virgilio Partida, and Meg Tilton. "Inferring Directional Migration Flows From Net Migration Data: Mexico." (POP2006-01). The authors outline a method for indirectly estimating directional migration streams from net migration. Assuming the stability of age profiles in historical migration schedules, the method uses a regression model to predict the migration levels that, together with the assumed age profiles, best fit an observed data set. An application to Mexican census data illustrates the method.

CU Population Center

The Center's Developmental Grant Review Committee, **Andrei Rogers, Jason Boardman**, and **Richard Rogers**, made the following awards to IBS research faculty: **Randy Walsh** and **Terra McKinnish**, for their project entitled "Decomposing Neighborhood Change;" **Liam Downey** for his project entitled "Examining the Determinants of Urban Environmental Inequality in Multiple Metropolitan Areas," **Tania Barham** and **A. Mushfiq Mobarak** for their project entitled "Social and Economic Impacts of Electricity Provision: Evidence from the Quasi-Random Placement of Hydroelectric Plants in Brazil," and **Fred Pampel** for his project entitled "Socioeconomic Differentiation and Cigarette Use: Changes from Youth to Adulthood."

UPCOMING COLLOQUIA

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

RESEARCH PROPOSALS SUBMITTED

Environment and Society Program

McCabe, J. Terrence	Collaborative Research: HSD: Parks as Agents of Social and Environmental Change in Eastern and Southern Africa	NSF	09/01/06-08/31/09	New	\$184,182
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Political and Economic Change Program

Touchton, Michael Brown, D. (Sponsor)	Doctoral Dissertation Research in Political Science: Institutions, Ideology and Governance: Polarization in Comparative Perspective	NSF	07/01/06-6/30/07	New	\$12,000
Staheli, Lynn	Disciplining Labor: Gender and Career Courses in Academic Geography	NSF	07/01/06-06/30/09	New	\$247,378

Research Proposals Submitted continues on page 6

RESEARCH PROPOSALS SUBMITTED

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Witmer, Frank O'Loughlin, J. (Sponsor)	Doctoral Dissertation Research: The Effects of War on Land-use/Land-cover Change: The Case of Northeast Bosnia	NSF	07/01/06-06/30/07	New	\$12,000
Population Program					
Rogers, Richard Menken, Jane and Schatz, Enid (Co-PI)	Global Research Training in Population Health Fogarty International (NIH)		09/30/06-09/29/11	New	\$754,601
Lu, Ying	Collaborative Research: A Bayesian Framework for Behavioral Studies with Applications in Ideal Point Estimation	NSF	07/01/06-06/30/09	New	\$98,483

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

Problem Behavior Program

Terence P. Thornberry, Director
Center for the Study and Prevention of Violence
Delbert S. Elliott, Director

Computing and Research Services

Jani S. Little, Director

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