

# IBS

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INSTITUTE OF BEHAVIORAL SCIENCE ■

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UNIVERSITY OF COLORADO

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AT BOULDER ■ MARCH/APRIL 2004 ■

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## NEWSLETTER

483 UCB, Boulder, CO 80309

IBS@colorado.edu

<http://www.colorado.edu/IBS>

(303) 492-8147

### KUDOS

**Rachel Silvey** (Population Program Faculty Research Associate) has been selected as a Fulbright New Century Scholar for 2004-2005. According to the program's website: "The New Century Scholars Program (NCS) will play a vital role in forging new links among scholars and professionals from around the world who will work together to seek solutions to issues and concerns that affect all humankind. Each year 25-30 outstanding research scholars and professionals from the U.S. and abroad will be selected as NCS Fellows through an open competition. Under the leadership of an appointed Distinguished Scholar Leader, NCS Fellows engage in multidisciplinary collaboration of the highest quality on a topic of global significance and universal concern." The research theme for 2004-2005 is "Toward Equality: The Global Empowerment of Women."

**Silvey** was also selected in March, 2004 to join The Social Science Research Council's Working Group on Gender and Migration. According to their website, "The International Migration Program established the Working Group on Gender and Migration in 2002 with funding from the Mellon Foundation. The group will assess the contributions of current scholarship on gender to the study of international migration and promote scholarly attention to gender both as a topic of research and as an analytical concept within the field of migration studies."

**Marco Antonsich** (Geography Ph.D. student and student intern, Political and Economic Change Program) has won the Political Geography Special Group 2004 Student Paper Competition. His winning paper is entitled: "Re-scaling territorial political identities? On the relationship between territory and identity in the age of globalization."

**Kristina Gibson** (Geography Ph.D. student and graduate research assistant, Political and Economic Change Program) won the \$2,000 Dorothy Martin Doctoral Student Award. The award is funded through the generosity of Dr. Dorothy Martin, Professor Emeritus in Psychology and recognizes women with the following ideals: awareness and activism concerning women's issues; academic excellence, and openness to life and true diversity of interests. This is the second year in a row that a graduate student affiliated with IBS has won this prestigious honor.

**Lori Hunter** (Environment and Behavior Program Faculty Research Associate) has been appointed Assistant Vice Chancellor for Academic Affairs for a one-year term. Co-funded through the Leadership Education for Advancement and Promotion program, this position focuses on the development and implementation of a program of activities in interdisciplinary education. Specifically, Hunter aims to continue working on the development of a campus-wide initiative integrating environment, social science, and humanities. ■

## PROGRAM ACTIVITIES

### ENVIRONMENT AND BEHAVIOR PROGRAM

#### Natural Hazards Center

**Lori Peek**, graduate research assistant, presented her paper “Constructing the Enemy during Times of Crisis” at CU’s Center for the Humanities and the Arts (CHA) “War” Colloquium on March 5. As one of the 2003-04 Fellows for the CHA program, Peek focused on a historical comparative exploration of the sociological responses of select national, ethnic, and religious minority groups in the U.S. during times of war. □

#### In Print

**Peek, Lori A.**, 2003. Reactions and response: Muslim students’ experiences on New York City campuses post 9/11. *Journal of Muslim Minority Affairs* 23(2):273-285. This article is based on fieldwork conducted in the immediate aftermath of the events of September 11, 2001. Sixty-eight Muslim students from colleges and universities in the New York City area were interviewed between September 30 and October 5, 2001. The findings reported focus on five main themes: university response to the September 11 attacks; community reactions toward the Muslim interviewees; media coverage of the attacks; the response of immediate family members; and the reactions of the Muslim students. The article concludes with a discussion of policy implications and recommendations for further research.

**Peek, Lori A. and Jeannette N. Sutton**, 2003. An exploratory comparison of disasters, riots and terrorist acts. *Disasters: The Journal of Disaster Studies, Policy and Management* 27(4):141-157. One question that emerged following the September 11, 2001 attacks was how to categorize and classify the event within existing disaster and conflict-event research frameworks. A decade ago, Quarantelli (1993) compared findings on the similarities and differences between consensus- and conflict-type events by illustrating a conceptual distinction between the two. In this paper, this discussion is expanded to include terrorist attacks by offering comparisons from research findings following September 11. The authors provide analyses of individual, organizational, and community-level behavior in crisis situations and suggest how September 11 is both similar to, and different from, consensus- and conflict-type events as they were previously considered. Applications for emergency management are also suggested. ■

### POLITICAL AND ECONOMIC CHANGE PROGRAM

#### In Print

Kuchukeeva, Altinay and **John O’Loughlin**, 2003. Civic engagement and democratic consolidation in Kyrgyzstan. *Eurasian Geography and Economics* 44(8):557-587. Two political geographers survey Kyrgyzstan’s increasingly less democratic trajectory over the twelve years since independence in 1991, despite initial promises of fair government, open media, and a liberal economy accessible to all groups within the country. Although Kyrgyzstan is increasingly racked by poverty as well as regional, ethnic, and religious rivalries, the paper demonstrates that the country has some of the most active and dynamic social movements in Central Asia. The authors examine the level and type of non-governmental organizations as an index of civic engagement, one of the foundations of sustainable democracy. Their survey of NGO activists revealed a group that strongly supported democratic norms but also revealed significant distrust of many governmental institutions. ■

*Program Activities continues on page 4*

**IN FOCUS****Finding the Environment and Other Things  
in Economics**

Nicholas Flores  
Faculty Research Associate  
Environment and Behavior  
Program

In my research, I focus on developing economic theory and methodology that helps society to do the best possible job of using economics to determine the correct levels of public goods.

*Nicholas E. Flores, Associate Professor of Economics, is a Faculty Research Associate with the Environment and Behavior Research Program. Nicholas received a B.S. in Economics from the University of Texas, Austin in 1989, an M.S. in Mathematical Statistics from the University of California, San Diego in 1994, and a Ph.D. in Economics from the University of California, San Diego in 1995.*

My research focuses on the economic analysis of the benefits provided through things as diverse as air quality, water quality, the preservation of natural areas, and the protection of endangered species. What do these diverse things have in common? They are publicly provided goods that are not directly traded in markets. You or I cannot go out this evening to the mini-mart and purchase a six pack of protection for the California Condor. We cannot go out and sweep the air clean from the day's auto emissions. Instead we must rely on society to provide these "public goods" through policies and regulations. The fact is that these goods are not traded in markets and that their provision levels are usually common across people. For public goods, the market does not send the proper signal to people inducing them to consume up to the point where marginal benefit equals their marginal cost. Instead society makes choices that have the potential to make some people very happy while at the same time making others very unhappy. Economic principles, applied to the public goods provision problem, can help us strike the balance between the happy and the unhappy. In my research, I focus on developing economic theory and methodology that helps society to do the best possible job of using economics to determine the correct levels of public goods.

Why is this an important area of research? Economics traditionally has been successful at measuring the costs, through markets, of policies and regulation. Excellent researchers have provided considerable insight into the costs of policies and regulations that are incurred in the market through either higher taxes or higher prices of goods. Less intellectual effort and consequently less success has been found on the benefits side for public goods. Despite the difficulties, it is important to recognize that benefits and costs are like the yin and the yang. Together they form a powerful whole; one without the other wields considerably less power. The benefits side of benefit-cost analysis is challenging and is my primary research focus.

Economic analysis of environmental issues requires a considerably more interdisciplinary approach relative to other economic fields. Environmental economists must often draw on the work of ecologists and biologists to understand and meaningfully address environmental problems. Survey research methods are used extensively in environmental economics, bringing us together with sociologists.

*In Focus continues on page 4*

## **IN FOCUS**

*continued from page 3*

Furthermore, environmental risk has proved to be interesting to psychologists and as a result, environmental economists frequently collaborate/interact with psychologists. Since the beginning of my economics career, I have greatly benefited from these collaborations and associations, including gaining many friends I otherwise would have never met. It has been my experience that interdisciplinary discourse and research has strengthened my own disciplinary research. It certainly has expanded my world view. For this reason, I eagerly joined the Institute of Behavioral Science where I am finding the new intellectual environment to be absolutely invigorating. ■

## **PROGRAM ACTIVITIES**

*continued from page 2*

### **POPULATION PROCESSES PROGRAM**

The Research Program on Population Process was again well represented at the Population Association of America annual meeting in Boston on April 1-3. The participants are listed below with their program contributions.

**Jill Williams, Erin Trapp, Jane Menken**, and Shannon Fisher: “Disappearing sex bias in child health in Bangladesh”;

**Richard G. Rogers, Justin T. Denney**, and **Patrick M. Krueger**: “Adult suicide mortality in the United States: Individual and contextual covariates”;

**Richard G. Rogers**: “Religious attendance, age, and U.S. adult mortality”;

**Samuel J. Clark**: “Survival of orphans: An example from Southern Zambia”;

**Patrick Krueger**: “The social, cultural, and economic dimensions of socioeconomic status, and investment in health”;

**Nizam Khan**: “Spouse differential in fertility and contraceptive intentions in three culturally contrasting states of India”; and

**Randall Kuhn**: “A longitudinal analysis of health and mortality in a migrant-sending region of Bangladesh.”

In addition, Menken chaired a session, “HIV and reproductive health behavior”; Clark chaired a session, “Social determinants of HIV dynamics”; and Kuhn was a discussant in the session “Non-economic consequences of migration for origin communities.” □

### **In Print**

**Silvey, Rachel**, 2004. Transnational domestication: State power and Indonesian migrant women in Saudi Arabia. *Political Geography* 23(3):245-264. Recent efforts to elaborate a feminist geopolitics have centered on challenging and expanding classical spatializations of “the political.” Building on this growing body of work, this article explores the gender politics of state power as refracted in struggles over women’s transnational migration and domestic labor. Specifically, it analyzes the Indonesian and Saudi states’ involvement in shaping the migration and working conditions of Indonesian domestic servants employed in Saudi Arabia. The authors examine key aspects of both states’ direct and indirect influences on the feminization of the migrant labor force,

*Program Activities continues on page 5*

## **PROGRAM ACTIVITIES**

*continued from page 4*

the limitations of their policies for protecting overseas migrant women, and the political strategies that activists are employing to broaden the states' spaces and scales of jurisdiction. It points up gender-specific limits to the internationalization of state labor regulation, as well as possibilities that NGOs have identified for improving the protection of migrant workers in this transnational context. It thus identifies some particular ways in which contestations around women's transnational labor migration and gendered constructions of domestic labor are interlinked with the changing geographies of state power. ■

### **RESEARCH PROGRAM ON HEALTH BEHAVIOR**

#### **In Print**

**Bryan, Angela**, 2003. HIV-related behaviors among prison inmates: A theory of planned behavior analysis. *Journal of Applied Social Psychology* 33(12):2565-2586. Prison inmates have high prevalence rates for both HIV and AIDS, creating a great need for HIV prevention efforts. The authors tested the theory of planned behavior (TPB) in three domains: intention to engage in condom use when released, intention to not share tattoo equipment in prison, and intention to not share needles or tattoo equipment when released. A total of 478 inmates (87% male) completed TPB and sexual and needle-use risk behavior measures. TPB constructs accounted for a significant variance in intention to use condoms among African American, Hispanic, and Caucasian inmates, though the strength of the relationships differed by ethnicity. The TPB was less successful for intention to share tattooing equipment and not to share needles or tattoo equipment after release. ■

## **BITS AND BYTES FROM CRS**

*Computing and Research Services*

The Center for Computing and Research Services (CCRS) has been officially renamed Computing and Research Services (CRS).

Online data collection is a very efficient and manageable option for IBS research projects. CRS recently designed and implemented a prototype for online data collection, based on a complex social-psychological study of family relationships. For more information, please contact **Jani Little** (jani.little@colorado.edu, 492-4179). ■

## **UPCOMING COLLOQUIA**

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

## IN THE NEWS

In an interview with Dave Aikens and Kirsti Marohn in the February 1 issue of *St. Cloud Times*, **Grace Taylor**, project director of Safe Communities, Safe Schools of the Problem Behavior Program, said “Colorado’s law (requiring anti-bullying policies) has produced mixed results.” Safe Communities, Safe Schools was started after Columbine by the Center for the Study and Prevention of Violence. Taylor added, “The law doesn’t specify what policy the districts must adopt, so some have simply added a one-day assembly on bullying. We’re really hoping that instead, they’ll institute long-term programs that can address the issue.” Columbine was a “wake-up call” for schools nationwide, Taylor said, and many districts called, wondering what they should do. Some school officials are concerned about adding another mandated policy, but Taylor argues that an anti-bullying program is important to the schools’ academic climate. “How are kids going to focus on learning when they’re worried about their own safety?”

## RESEARCH PROPOSALS SUBMITTED

### **Population Processes Program**

Goldstein, Donna	Pharmaceutical Technologies, National Sovereignty and Global Security: A Case Study of Argentina MacArthur Foundation	07/01/04-06/30/07	New	\$75,000
Kuhn, Randall	The Effects of Economic Crisis on Health in Russia, 1994-2001 NCEEER	10/01/04-09/30/05	New	\$69,934
Menken, Jane	Mellon African Demography Research and Training Program Andrew W. Mellon Foundation	07/01/04-06/30/07	New	\$300,000
Menken, Jane	Social Networks and Adult Survival in Rural Bangladesh Harvard	07/01/03-06/30/04	Continuing	\$69,930
Silvey, Rachel	Whiteness and the (In-)Visibility of Differences: The Case of Polish Immigrants in Norway NSF	01/01/05-12/31/05	New	\$12,000

### **Environment and Behavior Program**

McCabe, J. Terrence	Alternative Consequences of Migration for Land Use and Conservation in Northern Tasmania MacArthur Foundation	01/01/05-06/30/06	New	\$95,992
Tierney, Kathleen	Collaborative Research: Controlling Access in Open Systems NSF	10/01/04-09/30/07	New	\$225,000
Tierney, Kathleen	A Clearinghouse on Natural Hazards Research and Applications NSF	10/01/04-09/30/07	Continuing	\$1,916,750

*Research Proposals Submitted continues on page 7*

## RESEARCH PROPOSALS SUBMITTED

*continued from page 6*

### **Political and Economic Change Program**

Greenberg, Edward	Alcohol and Health Outcomes of Work Restructuring NIAAA	05/01/04-04/30/05	Continuing	\$367,320
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### **Health Behavior Program**

Bryan, Angela	Marijuana Use, Gender, and Adolescent HIV Sexual Risk NIH	10/01/04-9/30/08	New	\$1,479,527
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Bryan, Angela (as Co-PI)	Cannabis Phenotypes: Withdrawal, Craving, and Sensitivity HHS	10/01/04-9/30/09	New	\$1,858,134
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### **Problem Behavior Program**

Elliott, Delbert S.	Prevent Violence: Limit Liability State of Colorado Division of Criminal Justice	07/01/04-06/30/05	New	\$369,982
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Henry, Kimberly L.	Substance Use Consequences of School Disengagement HHS	01/01/05-12/31/08	New	\$319,965
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## RESEARCH PROPOSALS AWARDED

### **Problem Behavior Program**

Menard, Scott (D. Elliott, Co-PI)	Inhalation Abuse Across Generations in a National Sample HHS	04/01/04-03/31/05	New	\$111,281
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### **Environment and Behavior Program**

Mileti, Dennis	Proposal for a Program to Award Dissertation Fellowships in Hazards, Risks and Disasters Public Entity Risk Institute	07/01/03-06/30/05	New	\$ 77,404
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## IBS Factsheet—Revised February 2004

The Institute of Behavioral Science (IBS) is a research institute within the Graduate School of the University of Colorado, Boulder. Since its establishment in 1957, it has provided a setting for interdisciplinary, collaborative research on problems of societal concern. By engaging faculty from all the social and behavioral sciences at the University of Colorado, Boulder, IBS encourages work that transcends disciplinary boundaries, that illuminates the complexity of social behavior and social life, and that has important implications for social policy.

IBS is organized into five research programs, each defined by an interdisciplinary area of research and directed by a senior research scientist. Three programs have centers which specialize in research topics consistent with the broader goals of the Program. Computing and Research Services provides computing and information technology services for IBS research activities.

**IBS Director**, Jane Menken

### Five Research Programs and Three Centers with Computing and Research Support:

- **Environment and Behavior** - Lee Alston, Director
  - **Natural Hazards Center** - Kathleen Tierney, Director
- **Health Behavior** - Richard Jessor, Director
- **Political and Economic Change** - Edward S. Greenberg, Director
- **Population Processes** - Richard Rogers, Director
  - **Population Aging Center** - Jane A. Menken, Director
- **Problem Behavior** - Delbert S. Elliott, Director
  - **Center for the Study and Prevention of Violence** - Delbert S. Elliott, Director
- **Computing and Research Services** - Jani S. Little, Director

### Two Graduate Training Certificate Programs:

- Interdepartmental Program in Demography (Andrei Rogers, Director)
- Program in Applied Behavioral Science (Edward S. Greenberg, Director)

**Departments Represented:** Anthropology, Economics, Geography, Law, Pediatrics, Political Science, Psychology, and Sociology

### Summary of Extra-Mural Support as of February 1, 2004:

Number of Grants in Force: 49

Total Amount of Grants in Force: \$25,010,622

### Fiscal Year Expenditures:

2002-03: \$9,300,541	1998-99: \$3,306,801	1994-95: \$2,946,699
2001-02: \$8,229,032	1997-98: \$2,996,934	1993-94: \$2,524,932
2000-01: \$6,656,593	1996-97: \$3,087,893	1992-93: \$2,946,699
1999-00: \$5,143,822	1995-96: \$2,866,302	1991-92: \$3,176,079

**Sources of Extra-Mural Support:** National Science Foundation; National Institutes of Health; National Institute on Child Health and Human Development; National Institute of Mental Health; National Institute on Aging; National Institutes on Alcohol Abuse and Alcoholism; Office of Behavioral and Social Science Research; National Park Service; National Oceanic and Atmospheric Administration; Department of the Navy; Department of Justice; Office of Juvenile Justice and Delinquency Prevention; State of Colorado; Colorado Trust; San Diego State University; Public Entity Risk Institute; William T. Grant Foundation; National Institute of Drug Abuse; Department of Agriculture; Desert Research Institute; Andrew W. Mellon Foundation; City of Boulder; U.S. Army Corps of Engineers; Centers for Disease Control and Prevention; U.S. Department of Transportation; U.S. Environmental Protection Agency; Federal Emergency Management Agency; U.S. Forest Service; U.S. Geological Survey; National Aeronautics and Space Administration

### Personnel Summary:

Faculty: 34  
Research Associates: 14  
Professional Research Assistants: 32  
Graduate Research Assistants: 18  
Student Assistants: 24  
Student Mentees: 8  
Classified Staff: 22

Jane A. Menken, Institute Director

**Research Program on Environment and Behavior**

Lee J. Alston, Director

Natural Hazards Research and Applications Information Center

Kathleen Tierney, Director

**Research Program on Health Behavior**

Richard Jessor, Director

**Research Program on Political and Economic Change**

Edward S. Greenberg, Director

**Research Program on Population Processes**

Richard Rogers, Director

Population Aging Center

Jane A. Menken, Director

**Research Program on Problem Behavior**

Delbert S. Elliott, Director

Center for the Study and Prevention of Violence

Delbert S. Elliott, Director

**Computing and Research Services**

Jani S. Little, Director

**IBS Newsletter Staff:**

Barbara McLean and Marcia Richardson, Co-editors

Sean Blackburn and Thomas Dickinson, Website Coordinators

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