



INSTITUTE OF BEHAVIORAL SCIENCE ■

UNIVERSITY OF COLORADO

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NEWSLETTER

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KUDOS

The Universities Council on Water Resources awarded its “Friend of UCOWR” award to the memory of **Gilbert White** at the Council’s annual meeting in Boise, Idaho on July 25. **Chuck Howe**, CU’s lead delegate, received the award on behalf of Gilbert’s family. A fifteen minute film produced by Marshall Frech, *Reflections on the Life of Gilbert White*, was shown at the ceremony.

The director of the National Institute of Standards and Technology named **Kathleen Tierney**, director of the Natural Hazards Center, one of fifteen distinguished experts to serve on the National Earthquake Hazards Reduction Program Advisory Committee.

IBS BUILDING UPDATE

From time to time, as the planning and construction process for the IBS Building progresses, there will be updates in this newsletter to keep everyone fully informed. As many of you already know, the Board of Regents approved the Program Plan for the new building at its meeting on June 28. The building is to be located at the northeast corner of the intersection of Grandview and 15th street, on a footprint that is currently a parking lot behind the Continuing Education building and northwest of the Armory. The program plan has been discussed with each of the IBS research program directors, and copies of it may be viewed at IBS 1. Approval of the program plan must now be received from several instrumentalities of the State Legislature, first the Colorado Commission on Higher Education and ultimately the Joint Budget Committee. These approvals are expected later this fall. Since no funds are being requested from the legislature for this project, approvals should be unproblematic. Meanwhile, a contract for the actual design of the building will be negotiated between CU-Boulder and AndersonDaleMason (ADM), the Denver architectural firm that has already been selected and that we have been working with this past year in developing the Program Plan. Once all approvals have been received, the architectural contract will be signed, and ADM will then begin the design and engineering process. Hopefully, that will get underway before the end of this year. If you have questions, please contact Dick Jessor, Chair of the IBS Building Committee; otherwise, stay tuned for updates in this newsletter.

PROGRAM ACTIVITIES

ENVIRONMENT AND SOCIETY PROGRAM

Natural Hazards Center

In Print

Tierney, Kathleen J. “From the Margins to the Mainstream? Disaster Research at the Crossroads.” *Annual Review of Sociology* 33 (2007): 503-525. The sociology of disasters

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has developed in ways that have weakened its ties with mainstream sociology. It has remained remarkably resistant to changes in the broader sociological landscape, and its strong applied focus has been a barrier to theoretical innovation. This situation is changing, as indicated by critiques of traditional ways of conceptualizing and explaining disasters, greater acceptance of constructivist formulations, willingness to acknowledge that disasters are accompanied by both social solidarity and social conflict, and recognition of the significance of the interaction of disasters and risk with gender, class, and other axes of inequality. However, the field is unlikely to overcome its marginal status without significant efforts to link the sociology of disasters with the related fields of risk and environmental sociology and, more broadly, to focus on core sociological concerns, such as social inequality, diversity, and social change.

Miles, Michelle and **Duke Austin**. “The Color(s) of Crisis: How Race, Rumor, and Collective Memory Shape the Legacy of Katrina.” In *Racing the Storm: Racial Implications and Lessons Learned from Hurricane Katrina*, edited by Hillary Potter. New York: Lexington Books, 2007.

POPULATION PROGRAM

The University of Colorado Population Center (CUPC) recently funded six outstanding developmental grants which total over \$40,000. These awards represent an invaluable way to support junior and senior faculty, fund graduate students, bridge programs, and encourage interdisciplinary research. These proposals were remarkably competitive, grapple with central demographic issues, and are likely to result in cutting-edge and significant research contributions. The CUPC Developmental Grant Review Committee – which consisted of **Jason Boardman**, **Andrei Rogers**, and **Richard Rogers** – made the following awards to center affiliates (with their project titles in parentheses): Paula Fomby, Sociology, CU-Denver, and **Stefanie Mollborn**, Sociology, (Explaining Racial and Ethnic Differences in the Effect of Family Instability on Adolescents’ Behavior), John Hewitt, IBG, and Zygmunt Frajzngier, Linguistics (Northern Cameroon Language and Genetics Project), **David Leblang**, Political Science (Social Networks and International Immigration 1960-2004), **Ying Lu**, Political Science and Sociology (Deconvolution Methods with an Application in Verbal Autopsy), **Georges Reniers**, Population Program, IBS (Partner Selection in Times of HIV/AIDS in Rural South Africa), and **Fernando Riosmena**, Geography (Evaluating the SES Health Gradients of Mexicans, Migration Selection and Acculturation Hypotheses Using Clinically-Reported Measures). The Center expects to make similar annual awards over the next several years.

The African Population Studies Research and Training Program hosted an intensive short course on longitudinal data management and analysis in July. Participants included seventeen students from eight African countries and the United States as well as faculty and researchers from CU, the University of the Witwatersrand (South Africa), the African Population and Health Research Center (Kenya), the University of Addis Ababa (Ethiopia), and Brown University. **Jill Williams**, **Jani Little**, **Jane Menken**, **Nizam Khan**, and **Georges Reniers** delivered the curriculum of the course, which included a technical focus on data management with STATA and Microsoft Access and longitudinal data analysis techniques such as event history analysis and hazard modeling. **Steve Graham** and **Melissa McNabb** coordinated a very successful social program for participants during their stay in Boulder as well as managing all travel and accommodations. Many IBS faculty and research associates (current and former),

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IN FOCUS

Interdisciplinary education in IBS – Bringing the world to CU



Jane Menken
Director
Institute of Behavioral Science

IBS has a strong commitment to interdisciplinary collaborative research and to promoting application of research to development and evaluation of evidence-based policies and programs in the global community.

As we begin a new academic year, I want to highlight some of the ways that IBS has continued and expanded its role in interdisciplinary education and in outreach that brings national and international groups to CU.

Building on the success of the Maymester course on economic demography last year, the Population Program this June sponsored a one-week short course on Biodemography. This is a new and burgeoning area of research at the intersection of the social and behavioral sciences on the one hand and biology and genetics on the other. CU uniquely is home to both the Institute of Behavioral Science and the Institute for Behavioral Genetics (IBG). The two institutes had already begun collaborations that have resulted in several externally funded joint research grants. The majority of the funding for the course came from a National Institute of Child Health and Human Development grant to CU in 2005 to establish the CU Population Center (CUPC), directed by Professor **Richard Rogers**. Both Institutes and the Department of Sociology provided additional funding, and faculty members from these units were participants and instructors. **Jason Boardman** (Sociology) designed and ran the course; Tom Johnson, Deqing Wu, Matt McQueen, and Michael Stallings (IBG), Eileen Crimmins (University of Southern California), Noreen Goldman (Princeton) and Maxine Weinstein (Georgetown) served as instructors. Forty-four participants came from twenty universities, including one in Denmark. IBS has thus joined a trend toward cutting-edge short courses in areas in which few universities have sufficient staff and students on their own. Next year, the Population Program short course will be in environmental demography. IBS thanks CU Continuing Education, the Graduate School, and IBS staff for their support of this effort.

For the second year, the African Population Studies Research and Training Program (APS), which is part of the Population Program, offered a three-week course in Longitudinal Data Management and Analysis using data our colleagues from the University of the Witwatersrand in South Africa collected in an ongoing longitudinal project begun over fifteen years ago. The course, described in the Program Activities section of this newsletter, was supported by grants from The William and Flora Hewlett Foundation, The Andrew W. Mellon Foundation, and the University of Colorado. Again, we thank CU and IBS staff for their contributions. This course is intended to contribute not only to building research capacity in African institutions but to increasing expertise on Africa in United States institutions and developing international networks of scholars.

Since 1975, the Natural Hazards Center, which is part of the Environment and Society Program, has hosted an annual, invitational Hazards Research and Applications Workshop involving over 400 federal, state, and local emergency officials from around the world

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including representatives of nonprofit, humanitarian organizations, hazards researchers, disaster planners for private industry, and others who are dedicated to disaster preparedness, amelioration, and recovery. The 2007 Workshop was held in July.

These courses and workshops, firmly rooted in research carried out in IBS, are part of the strong IBS commitment to interdisciplinary collaborative research and to promoting application of research to development and evaluation of evidence-based policies and programs in the global community.

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

<http://www.colorado.edu/ibs/pop/>

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

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including **Ying Lu, Stefanie Mollborn, Robert McNown, Dick Jessor, Rick Rogers, Olumide Taiwo, Lori Hunter, Enid Schatz, Sam Clark, and Jason Boardman**, and Wits faculty member Edmore Marinda gave research presentations and met with students to lend advice on research projects. The program successfully increased our collaborative research and training ties with our partner institutions and provided CU students with opportunities to become involved with international population health research.



African Demography Short Course Faculty and Students

In Print

Madhavan, Sangeetha and Enid J. Schatz. “Coping with change: Household structure and composition in rural South Africa, 1992 - 2003.” *Scandinavian Journal of Public Health* 35, no. S69 (2007): 85–93. In this study, the authors aim to describe household change over a ten-year period of tremendous social, political, economic and health transformation in South Africa using data from the Agincourt health and demographic

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surveillance system in the rural northeast of South Africa. Their method was to examine household structure and composition at three points: 1992, 1997, and 2003. These three years loosely represent conditions immediately before the first post-apartheid elections (1992), and short term (1997) and longer term (2003) post-elections, and they span a period of notable increase in HIV prevalence. The results showed that the average household size decreased and the proportion headed by females increased. The within-household dependency ratios for children and elders both decreased, as did the proportion of households containing foster children. The proportion with at least one maternal orphan doubled, but was still relatively small at 5.5%. From this, the authors concluded that their analysis is a starting point for future investigations aimed at explaining how HIV/AIDS and other socio-cultural changes post-apartheid have impacted household organization. The analysis shows both consistency and change in measures of household structure and composition between 1992 and 2003. The changes do not include an increase in various types of “fragile families,” such as child-headed or skipped-generation households, that might be expected due to HIV/AIDS.

Schatz, Enid J. “‘Taking Care of My Own Blood’: Older Women’s Relationships to Their Households in Rural South Africa.” *Scandinavian Journal of Public Health* 35, no. S69 (2007): 147-154. The author examines the financial, emotional, and physical responsibilities elderly women are being asked to take on due to the incapacity of their adult children to care for the next generation; such incapacity is likely to increase as the HIV/AIDS epidemic worsens. Census data from the Agincourt Health and Demographic Surveillance System (AHDSS) were used to describe the presence of the elderly (specifically women over the age of sixty and men over the age of sixty-five) in households in the Agincourt study site. Semi-structured interviews with thirty female residents aged sixty to seventy-five complement the census data by exploring the roles that older women, in particular, are playing in their households. The results demonstrate that an elderly man and/or woman lives in 27.6% of households and that 86% of elders live with non-elders. Households with a woman over the age of sixty (as opposed to those without) are twice as likely to have a fostered child living in the household, and three times as likely to have an orphaned child in the household. Elderly women face financial, physical, and emotional burdens related to the morbidity and mortality of their adult children, and to caring for grandchildren left behind due to adult children’s mortality, migration, (re)marriage, and unemployment. The author concluded that older women provide crucial financial, physical, and emotional support for ill adult children and fostered and orphaned grandchildren in their households. As more prime-aged adults suffer from HIV/AIDS-related morbidity and mortality, these obligations are likely to increase.

Schatz, Enid J. and Catherine Ogunmefun. “Caring and Contributing: The Role of Older Women in Rural South African Multi-generational Households in the HIV/AIDS Era.” *World Development* 35, no. 8 (2007): 1390-1403. The authors explore households’ coping strategies in rural South Africa, where HIV/AIDS morbidity and mortality are having profound effects on household resources. Older women’s pensions play a potentially crucial role in multi-generational households during crises and for day-to-day subsistence. Semi-structured interviews were conducted with thirty elderly women from the MRC/Wits Rural Public Health and Health Transitions Research Unit (Agincourt) fieldsite, who were eligible for the South African non-contributory pension. The sample was stratified by household mortality experience, the area’s high levels of migration, unemployment, and HIV/AIDS prevalence made the respondents’ pensions an

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important, regular, and reliable source of household-income regardless of their households' mortality profile.

Raymer, James and **Andrei Rogers**. "Using Age and Spatial Flow Structures in the Indirect Estimation of Migration Streams." *Demography* 44, no. 2 (2007): 199-223. The authors outline a formal model-based approach for inferring interregional age-specific migration streams in settings where such data are incomplete, inadequate, or unavailable. The estimation approach relies heavily on log-linear models in order to impose some of the regularities exhibited by past age and spatial structures or to combine and borrow information drawn from other sources. The approach is illustrated using data from the 1990 and 2000 U.S. and Mexico censuses.

PROBLEM BEHAVIOR PROGRAM

In Print

Belknap, Joanne and Edna Erez. "Violence Against Women on College Campuses: Sexual Harassment, Rape and Intimate Partner Abuse." In *Campus Crime: Legal, Social, and Policy Issues*, edited by Bonnie Fisher and John Sloan. Springfield, IL: Charles A. Thomas Publishers, 2007.

Belknap, Joanne. "Culturally-Focused Batterer Counseling" (Editorial Introduction), *Criminology & Public Policy* 6 (2007): 337-340.

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

Tierney, Kathleen	Natural Hazards Center Dept. of Homeland Security via University of South Carolina	10/01/07-09/30/13	New	\$2,339,099
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Problem Behavior Program

Woodward, Bill	Identifying Actuarially Sound Assessments for Predicting Young Adults at Risk for Violent Behavior Department of Justice via ICF International	09/01/07-08/31/08	New	\$380,856
Wadsworth, Tim	What's Behind the Increase? Explaining Recent Trends in Suicide Among African American Males Harry Frank Guggenheim Foundation	01/01/08-12/31/08	New	\$23,869

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Health and Society Program

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