



Newsletter

Greetings from Mark Ellis, CSDE Director



This is my first opportunity to write to the larger CSDE community as the center's Director. I started my five-year term in September of 2010 after Shelly Lundberg successfully guided CSDE's development for the previous four years. Following Shelly will be a tough assignment. During her term CSDE successfully renewed its R24 center grant and T32 training grant and expanded the number of affiliates by 26. We owe her a great deal of thanks for a job well done.

CSDE is an exciting place to be at the present. We are in the midst of preparing for our next round of center and training grant renewals. Pulling together the materials for these applications makes evident the quality and depth of both faculty and students associated with the center. The staff is also superb, providing us with top quality computing, research, and administrative services. Without them the center would not be what it is today. It is energizing and inspiring to be surrounded by this talent and dedication to the mission of CSDE.

I am pleased to report that Sara Curran, CSDE's previous Associate Director has agreed to carry on in this position for the next five years. She did a top-notch job working with Shelly and so was an obvious choice to continue in this role. Sara has also taken on the position of Training Director and will lead the effort to renew our training grant funding. Sara has a tough act to follow in this particular endeavor. Charlie Hirschman, the previous Training Director, did a tremendous amount of work to enhance CSDE's graduate training program. He formalized and tightened the course sequence that students must take to be considered CSDE trainees. He also increased the quality and number of students in the program. The applicant pool for funded traineeships is now stronger than ever. And thanks to Charlie, we now have an unfunded fellows program in which students can gain recognition for achieving a high-level of demography training. The demand for this program has been substantial – far beyond our expectations – and we currently have 47 fellows in this program. The size of this program shows how much students are interested in the sorts of issues that demographers study and it highlights the inadequacy of the financial resources we have to support them. We currently offer only six funded traineeships per year. Needless to say, we are very interested in finding ways to expand our financial resources for graduate training so that a greater fraction of our top quality graduate fellows can also be funded.

I'd like to encourage our alumni to stay in touch (details of how to do so are at the back of this newsletter) and send us your news when you get a chance. We would very much like to hear what you are doing and share it with the CSDE community.

Warmest regards,
Mark Ellis



Raitt Hall, the home of CSDE

INSIDE:

- 2 CSDE 2010-11 Graduate Fellows
- 2 GIS's Distinguished Legacy
- 2 Alumni News
- 3 Model Used in Fight Against HIV/AIDS
- 3 Research Spotlights
- 3 Faculty Awards
- 4 Support CSDE
- 4 Share Your News
- 4 Join Us at PAA

The CSDE Logo above features a male and female salmon, signifying the core subjects of demography: fertility, migration, and mortality. The logo was designed by Marvin Oliver.

CSDE 2010-2011 Fellows

Hilary Bethancourt
Anthropology

Britni Bethune
Public Affairs

Eunice Blemahdoo
Public Affairs

Ross Cantor
Sociology

Catherine Copeland
Public Affairs

Kristen Copeland
Geography

Brad Foster
Sociology

Amy Fuhrman
Sociology

Tara Hayes Constant
Anthropology

Chasya Hoagland
Economics

Junhong Kim
Anthropology

Aditya Khanna
*Quantitative Ecology and
Resource Management*

Robin LaSota
Education

Ting Li
*Quantitative Ecology and
Resource Management*

Tavis Linsin
Education

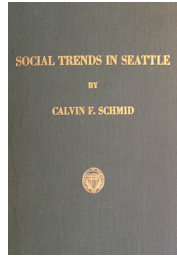
Shane Murphy
Economics

Gregor Passolt
*Quantitative Ecology and
Resource Management*

Tim Thomas
Sociology

Matt Townley
Geography

GIS at CSDE Builds on Distinguished Legacy



As have other demographers, CSDE affiliated faculty and graduate fellows have become increasingly interested in adding a spatial perspective to their research. This is due in part to the growing number of geo-referenced datasets and the development of advanced techniques to analyze and display or visualize them, most notably GIS, spatial analysis, and spatial statistics. CSDE's highly professional and dedicated GIS staff, which provides advice and assistance in all facets of the collection, analysis, interpretation and presentation of spatial data, have helped numerous CSDE researchers in these areas. Additionally their workshops have introduced these techniques to more than 300 UW students.

Yet except for those who are well versed in CSDE's history, it may come as a surprise to learn that our GIS services are in many respects an extension of the distinguished work of Calvin F. Schmid (1902–1994), who in 1947 founded and for many years directed UW's Office of Population Research, which became CSDE in 1967. Throughout his long and exceedingly productive career as a sociologist and demographer, Dr. Schmid did pioneering work on graphic presentations and maps to analyze data and visually convey findings. *Social Trends in Seattle* (1944), for example, contains dozens of maps illustrating numerous social trends, including population density, housing conditions, suicides, and the residential concentrations of groups according to their educational attainments. His work on graphic presentation and statistical graphics are summarized in his *Handbook of Graphic Presentation* (1954, 1979) and in *Statistical Graphics: Design Principles and Practices* (1983). He also served in various titles but essentially ran the Washington State Census Board for over 20 years, where he did groundbreaking analyses of Seattle and Washington State social and population trends. In 1950, under his leadership at the Census Board, Washington became the first state in the nation to tabulate census data by census tracts – which subsequently became one of GIS's key units of analysis. Schmid's innovations were adopted by numerous state census centers across the country.

You can view some of Schmid's maps online at The Seattle Civil Rights and Labor History Project, based at UW, Seattle Segregation Maps 1920-2000 http://depts.washington.edu/civilr/segregation_maps.htm

Alumni News

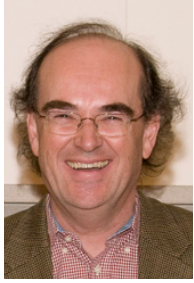
Leontine Alkema is Assistant Professor, Department of Statistics and Applied Probability, National University of Singapore. In 2008-09 she was a Postdoctoral Research Fellow at Columbia University's Earth Institute. Leontine recently coauthored "A Bayesian approach to uncertainty analysis of sexually transmitted infection models". *Sexually Transmitted Infections*, 86 (2010): 169-174.

Amy Kate Bailey is Assistant Professor of Sociology in the Department of Sociology, Social Work & Anthropology, Utah State University. Prior to assuming this position in July 2010, she was a Postdoctoral Fellow, Office of Population Research, at Princeton University. Her most recent publications include "How Personal Is the Political? Democratic Revolution and Fertility Decline," *Journal of Family History*, 34, (2009): 407- 425. An earlier version of this publication won the American Sociological Association, Comparative Historical Section's Reinhard Bendix Graduate Student Paper Award.

David A. Nolin is a Postdoctoral Scholar at the Carolina Population Center at the University of North Carolina, Chapel Hill. He recently published "Food-sharing Networks in Lamalera, Indonesia: Reciprocity, Kinship, and Distance," *Human Nature*, 21 (2010) 21:243–268. David also presented a paper and a poster at the 2010 American Anthropological Association Annual Meetings.

Send Us Your News! -- See the back page for details.

Statistical Model is Widely Used in Fight Against HIV/AIDS



In 2006 the Joint United Nations Programme on HIV/AIDS (UNAIDS) asked Adrian Raftery, Blumstein-Jordan Professor of Statistics and Sociology and CSDE Affiliate, to help develop a statistical model to calculate HIV/AIDS projections worldwide. Adrian and his colleagues, including CSDE Affiliate Sam Clark and former CSDE Fellow Leontine Alkema, developed new projection models using Bayesian melding methods and, more recently, incremental mixture importance sampling techniques. They produced good projections when tested against numerous countries' actual HIV/AIDS prevalence trends and, for the first time, accurate assessments of the uncertainty around them. UNAIDS officially adopted their projection model and used it to issue a revised estimate of 33 million HIV/AIDS cases worldwide, substantially lower than the estimate of 39 million that it issued before seeking Adrian's assistance.

What's most impressive, however, is that the academic research that went into devising the model is now being used to improve population health in many countries. Adrian's team developed a software application that calculates a country's HIV/AIDS estimates, and UNAIDS has been actively training public health officials from the 40 countries with generalized HIV/AIDS epidemics in the use of their methods. Health agencies – particularly those in African nations – have begun using the software to calculate national prevalence estimates and projections in order to enhance their HIV/AIDS policy and planning efforts.

Research Spotlights

Employment Gains and Wage Declines: The Erosion of Black Women's Relative Wages since 1980.

Becky Pettit and her coauthor document the growing racial wage gap among women in the US from 1979 to 2005, and describe how the standard wage-gap measure consistently underestimates the economic disparities faced by black women. The growth in the racial wage gap during the past 25 years appears to be largely attributable to race differences in educational attainment, rates of marriage, single parenthood, region of US residence (e.g., North, South, West), and wage discrimination.

This research was published in, *Demography*, 46 (2009): 469-492.



Feminism and the Second Shift: Change in Men's Housework, 1970-1985.



Julie Brines compares change in the housework behavior of men who married during the height of the contemporary women's movement (1970-1974) with those who married during a period of antifeminist countermobilization (1976-1980). The analysis reveals that the housework time of the early 1970s cohort doubled over the first seven years of marriage, and that this growth arose from positive effects of fatherhood and education that were keyed with feminism. These effects dropped out for the later cohort, whose housework did not change at all during the first seven years of marriage. However, men began their marriages in the late 1970s by doing significantly more housework than did those in the early 1970s during their first year. Much of this first-year cohort difference appears to be caused by the diffusion of elevated norms for men's housework during the decade.

This study is forthcoming in *Journal of Marriage and the Family*.

Faculty Awards and Recognition

Adrian Raftery and Charlie Hirschman : Elected to the Washington State Academy of Sciences

Sam Clark: INDEPTH Prize for Extraordinary Research in Population and Health, 2009

James Gregory: Organization of American Historians Distinguished Lecturer, 2010-2012

K. Warner Schaie: M. Powell Lawton Award, American Psychological Association, 2009

Taryn Lindhorst, Erin Casey, and Marcia Meyers: Society for Social Work and Research Excellence in Research Award, 2010

Sherry Willis: Baltes Distinguished Research Achievement Award, American Psychological Association, 2009

Suzanne Withers: President, Population Specialty Group, Association of American Geographers, 2010

Victoria Lawson: Marsha L. Landolt Distinguished Graduate Mentor Award, 2010



CSDE 502, graduate proseminar, fall 2010

Support the Center for Studies in Demography and Ecology

As CSDE approaches its 65th year of exemplary interdisciplinary training in demography for graduate students at the University of Washington, decreased public funding for higher education means that CSDE Fellows need your support now more than ever. Your gift to CSDE contributes immeasurably to the Center's training mission and our ability to prepare Fellows for promising careers. Please help us continue our tradition of excellence by giving to the **CSDE Graduate Student Travel Fund**. Gifts provide support for Fellows to attend the Population Association of America Annual Meetings.

You can make a tax-deductible gift online via the UW's secure website at <http://uwfoundation.org> (click on Make A Gift, click on Find A Fund to Support, search on CSDE), or call toll-free 1-877-894-4387.

Share Your News

We would very much like to hear from our alums (former Fellows and graduate students who had a research connection to CSDE). If you would like us to share your news in the *CSDE Newsletter*, please send updates on your career moves, awards, research, and related activities to David Hyllegard, CSDE Information Core Director, at csde@uw.edu.

Join Us at PAA

Are you planning to attend the 2011 Population Association of America Annual Meetings, March 31-April 2, in Washington, DC? If so please join us at our annual UW Dinner at PAA. Each year faculty, students, alums, and staff gather at a local eatery to share good food and conversations. Please send your current e-mail address to David Hyllegard, csde@uw.edu, and we'll send you an e-mail invitation announcement.



University of Washington
Center For Studies In
Demography & Ecology
206 Raitt Hall
Box 353412
Seattle, WA 98195-3412