

Broom Center for Demography
University of California, Santa Barbara
2012 Annual Report

The Leonard and Gretchan Broom Center for Demography was established in October 2011 as an interdisciplinary research center at the University of California, Santa Barbara, with generous funding from Leonard and Gretchan Broom. Leonard Broom was a distinguished professor of sociology in a career spanning seven decades, with appointments at UCLA, UT Austin, the Australian National University and most recently at UCSB.

The Broom Center is directed by Peter Kuhn, Professor of Economics at UCSB, in consultation with an advisory committee of UCSB faculty consisting of Kelly Bedard (Economics), Maria Charles (Sociology), Michael Gurven (Anthropology), Shelly Lundberg (Economics), David Lopez-Carr (Geography), and Stuart Sweeney (Geography), plus two ex officio members: the director of ISBER and the Dean of Social Sciences.

The Center's mission is to facilitate and engage in research and training in the areas of social demography, population studies, and social and economic inequality. Our research is organized into seven intersecting, interdisciplinary themes: Family Demography, Biodemography and Evolution, Population-Environment Interactions, Sex and Gender, Health and Education, Work, and Spatial Demography and Migration. Research under each theme is guided by an area director.

This report describes the Center's activities during its first (partial) year of operation, October 2011 – June 2012. Future reports will be issued in August of each year, covering the preceding twelve-month period. Since its establishment, the Center has engaged in the following activities:

Shortly after establishment, the advisory committee established a network of 27 **Research Associates** and 26 **Graduate Associates** spanning five disciplines (Anthropology, Economics, Geography, Psychology and Sociology). Almost all of the Associates are located at UCSB, and it is our plan to continue on this basis for some time. The goal is to foster interdisciplinary on-campus networks as a foundation for broader outreach in the future. The Advisory Committee worked hard to identify a set of productive researchers with common and overlapping interests, and to define rights and duties associated with the two types of Associateships. An exciting consequence of this process was how much we learned about existing commonalities and potential for collaboration on our own campus.

The Broom **Seminar Series** kicked off early last fall. We have been meeting in North Hall every other week since then with a combination of internal and outside speakers. So far, the internal speakers have all been Broom theme directors, introducing their research to their UCSB colleagues and graduate students. Highlights of the external speakers include economist Seth Sanders from Duke, who estimated the impact of the Great Migration on African-American mortality; sociologist Suzanne Bianchi from UCLA, who explored residential "doubling up" of parents and children in times of economic stress, and

sociologist Mario Small from Chicago who examined the role of childcare centers in the construction of social capital in cities. All told, the seminar met eleven times; six of these featured external speakers. One external speaker (economist William Darity of Duke University) was co-sponsored with UCSB's Center for New Racial Studies. Our schedule is already full for next year, and we are considering a move to a larger room—we have hit room capacity a few too many times

On December 12-13, 2011, the Broom Center joined Penn State's Population Research Institute and UCSB's Center for Spatially Integrated Social Science in co-sponsoring a **Specialist Meeting** on Future Directions in Spatial Demography. Specialists reviewed challenges and new directions for spatial demography, identifying gaps in current knowledge regarding innovations in geospatial data, spatial statistical methods, and the integration of data and models to enhance the science of spatial demography in population and health research. In addition to specialists and Broom Affiliates Sweeney, Lopez-Carr and Weeks, a number of UCSB graduate students attended, and benefited from the presentations. Indicative of the emerging importance of this research area is the foundation of a new journal titled *Spatial Demography*. Area Director Sweeney is on the editorial board of that journal.

The Center's **Social Demography Computer Lab** opened in January 2012. Located in North Hall room 1053, the lab offers nine computers and a server equipped with the latest software for both quantitative and qualitative research, including Stata 12 (MP 64 bit version), ArcGIS 10, R, SAS (version 9.2), MATLAB, SPSS (version 19), ATLAS.ti (version 6.2) and Stat Transfer. In addition to hardware and software, the lab offers the on-site services of two graduate lab assistants, who provide statistical and technical advice to affiliated students. Attached to the lab is a graduate student common room (North Hall 1051), which facilitates informal and interdisciplinary interaction among the students. The Center has just started a series of "summer lab lunches" to encourage continued student and faculty interaction during the summer months.

In addition to individualized advice, the graduate lab assistants also offer occasional group tutorials on topics of interest to student researchers. In Winter 2012, Kevin Schnepel of Economics designed and presented an introductory tutorial on the software package Stata for a group of sociology graduate students who wanted to learn the new package. The event was well attended and student feedback was very positive. By popular demand, a "part-two" Stata tutorial was held in Spring Quarter. Frank Davenport offered a two-part tutorial on spatial methods (in ArcGIS and R respectively) aimed primarily at economics graduate students, most of whom have not been exposed to these methods. Additional tutorials are envisioned for next year, based both on student demand and lab assistant expertise.

As part of its mission to foster interdisciplinary demographic research, the Center plans a series of interdisciplinary, **Theme-oriented Workshops**. We are proud to report that the first such workshop took place in March 2012. This one-day event, titled "Gender and Family in the New Millennium" was co-organized by UCSB's Shelly Lundberg (Broom Chair holder and director of the Center's "Family" Theme) and Maria Charles (Sociology department chair and director of the Center's "Sex and Gender" Theme). Nine leading sociologists and economists from across the country presented and discussed

their recent research with a capacity crowd of 80 faculty members and graduate students from UCSB and nearby institutions. The topics addressed ranged from the career and family choices of elite liberal arts graduates to the struggles of inner-city fathers, and the methods included laboratory experiments, statistical analyses of large data sets, and in-depth interviews. As a forum for cross-disciplinary communications and community-building we believe the workshop was a great success. Workshop plans for next year include a conference titled "Immigration and the Family: New Developments and Perspectives", scheduled for February 23, 2013. This workshop is co-organized by Peter Kuhn (Broom Center and "Work" Theme director), Stuart Sweeney (ISBER and Broom "Spatial Demography and Migration" Theme Director), and Broom Research Associate Kathryn Grace.

In April 2012, the Center awarded its first set of **Graduate Student Travel (GST) grants** in response to a university-wide call for applications. These grants fund graduate student attendance at training programs in demographic methods, in areas that are relevant to the student's area of planned or ongoing dissertation research. Four students from sociology, anthropology, and geography were funded for summer training programs.

Also in Spring 2012, under Michael Gurven's leadership the Center secured space and startup funding for a **Biodemography Lab**. The lab, located in room 5106 of Biology II, is co-directed by Professor Gurven and Broom Research Associate Aaron Blackwell. It will have the capability to analyze urine, blood and salivary biomarkers of stress, immune function, nutritional status, infection, reproductive hormones, as well as standard anthropometrics used to more roughly gauge growth and nutritional status. Once fully operational, the lab will serve UCSB researchers and others who study biological-social interactions

Although they will not arrive on campus till the Fall of 2012, the Broom Center has so far arranged to host two **Visiting Scholars** next year; they will make use of the Center's newly-renovated office space located across from our social demography computer lab. Silke Anger, a researcher at the German Institute for Economic Research in Berlin who studies labor market and family issues, will be here for two months. A graduate student from Denmark, Lisbeth Nielsen, who studies parental leave will be visiting as well.

2011/12 has been an active research year for the Center's Research Associates. Given the Center's recent establishment, most of this research was naturally on projects initiated separately by the individual associates. That said, we are struck by the amount of overlap that already exists, and plan to explore these commonalities in new, collaborative research stimulated in part by our ongoing seminar, workshop and conference activities, and by a Broom Center **Seed Grant Program** for collaborative proposals under consideration for next year. The next seven sections of this report document the highlights of our Research Associates' 2011/12 publication activity, organized according to the Center's seven overlapping research themes. Additional details, including links to most of the articles, are available on the Center's website.

Research Highlights: Family Demography

Research under the Family Demography Theme is directed by Shelly Lundberg, holder of the Leonard Broom Endowed Chair in Demography at UCSB. In 2012, Prof. Lundberg completed a three-year term on the Board of Directors of the Population Association of America, and began her tenure as President of the Society of Labor Economists. She is a Deputy Editor of *Demography*, Associate Editor of the *Journal of Population Economics*, and serves on the editorial boards of the *American Economic Review* and the *Review of Economics of the Household*. This summer, she will be receiving an honorary doctorate from the University of Bergen, in Norway.

In its first year, the Family Demography thematic area has assembled a group of eleven research associates and nine graduate student associates. Ten research articles related to this area have been published in *Anthropology*, *Demography*, *Sociology*, and *Economics* journals during 2011-2012. Michael Gurven and colleagues have published a number of papers on families from rural, non-market societies in the developing world in *American Journal of Human Biology*, *Proceedings of the Royal Society B*, *Current Anthropology*, *Aggressive Behavior*, and *Evolution and Human Behavior*. These papers discuss a range of themes including the origins and maintenance of a sexual division of labor, the effects of modernization on marital conflict, testing kin effects on child wellbeing, ethnography of social dynamics of women's networks, and the effects of men's social status on their biological and cultural success. Together these papers help explore the consequences of family formation and social behavior in a remote population of forager-farmers studied actively and continuously since 1999 as part of the Tsimane Health and Life History Project. Maria Charles analyzes international trends in women's economic status in a paper published in *Annual Review of Sociology*. Shelly Lundberg and colleagues have a paper forthcoming in *Demography* on the location choices of young couples in Norway, and Lundberg has also published a review of new research linking psychology and family economics in the journal of the German Economic Association.

Research Highlights: Biodemography and Evolution

The Broom Center's Biodemography area is directed by Michael Gurven, Professor of Anthropology at UCSB and director of the Tsimane Life History and Health Project, a five-year initiative funded by the National Science Foundation and National Institutes of Health to further develop theory and test models of human life history evolution. During 2011-12, Professor Gurven received NIH/NIA funding totaling 3.5 million dollars, and made 22 presentations of his research at venues including UCLA, Stanford University, the University of Zurich, the National Institutes of Health, and the Max Planck Institute for Evolutionary Anthropology (Leipzig, Germany).

In its first year, the Biodemography thematic area has assembled a group of six research associates and six graduate student associates. Many of the theme's publications stem from the Tsimane Health and Life History Project, jointly directed by the Broom Center's Michael Gurven and Hillard Kaplan (Anthropology, University of New Mexico). Together, these publications demonstrate the value of an evolutionary approach on a variety of themes that span across the social and natural sciences. Publications from 2011-2012 appear in diverse, prestigious journals, such as *Hypertension*,

Proceedings of the Royal Society B, Current Anthropology, Maternal and Child Nutrition, Aggressive Behavior, Biodemography and Social Biology, Evolution and Human Behavior, PLoS Neglected Tropical Diseases and Experimental Gerontology. Topics include the role of pathogens and infection in cardiovascular disease, genetic variation in alleles affecting inflammation and immune responses, the role of parasites for explaining cross-cultural differences in innate immune function, the ethnography of risk buffering in the context of morbidity and mortality smoothing, hormonal underpinnings of competition in resource-limited environment, cross-cultural comparison of omega-3 fat composition in breastmilk, and the role of modernization in the sexual division of labor, marital conflict and resource competition.

Research Highlights: Population-Environment Interactions

Population-Environment director David Lopez-Carr is Professor of Geography and director of the Human-Environment Dynamics Lab (HED) at UCSB. His research focuses on links among population, health, rural development, agriculture, and marine and forest resource use and conservation, through ongoing projects in Latin America, Africa, and Asia. Since its inception, this research has been supported by over two million dollars of awards through over 50 fellowships, grants, and awards from NASA, NSF, NIH, the Mellon and Fulbright Foundations. In 2011/12, Professor Carr was listed among the lead authors for two chapters of the most recent Global Environmental Outlook report (GEO-5). The GEO-5 represents the United Nations statement on the state of the global environment and is used as a primary source for international accords for the Rio de Janeiro World Summit on Sustainable Development in June 2012.

Since October 2011, Broom's Population-Environment Theme has assembled a team of 8 Research Associates and 6 Graduate Associates. Highlights of the past year's research include over a dozen scholarly publications on theoretical and empirical links between population, environment and poverty, on human-environment dynamics, on family planning and conservation, on rural health disparities in the United States, on migration in tropical agricultural frontiers, on conservation in the Golden Monkey Reserve in China, on climate change and children's health in Africa, and on aging (or the myth thereof) in the Caucasus. In addition, Carr and co-authors published a key methodological contribution in one of the highest ranked journals in human geography, *Transactions of the Institute of British Geographers*, on mixed methods in land change research.

Also during the past year, Population-Environment Theme Associate Paulina Oliva studied the determinants and effects of air pollution in Mexico City; Olivier Deschenes estimated the effects of climate change on mortality using information on U.S. weather fluctuations; and John Weeks studied the health effects of water shortages in Accra, Ghana. Some of these contributions are discussed in more detail under other Broom Themes below.

Research Highlights: Sex and Gender

Sex and Gender Theme Director Maria Charles is Professor and Chair of Sociology and Affiliate of Feminist Studies at UCSB. She also serves as Fellow of the Stanford Center for Research on Poverty and Inequality, member of the Executive Advisory Board of UCSD's Center for Research on Gender in the

Professions, Past-Chair of the American Sociological Association's Section on Inequality, Poverty, and Mobility, and member of the Editorial Boards of the *American Sociological Review*, and *Research on Social Stratification and Mobility*. During the 2011-12 academic year, Charles' research was funded by a grant from the National Science Foundation and two grants from the Russell Sage Foundation.

In its first year, the Sex and Gender thematic area assembled eight research associates and ten graduate student associates. The latest of these additions is Sarah Thebaud, who joins UCSB's Sociology department in summer 2012, after completing a Ph.D. at Cornell in 2010 and a two-year National Science Foundation Postdoctoral Fellowship at Princeton. Thebaud's research, which employs statistical, experimental, and interview methodologies, investigates how gender inequality is reproduced through the simultaneous operation of macro-level institutional and micro-level social-psychological processes. During 2011-12, the Center's Sex and Gender affiliates published twelve thematically-related articles and books. Research articles appeared in high-profile outlets in Anthropology, Economics, Education, and Sociology. They covered diverse topics, including payoffs to male status-seeking behavior, effects of incarceration on male inner-city culture, gender salary gaps among U.S. college graduates, effects of female education on fertility and infant health, attitudes toward math and science cross-nationally, gender differences in cooperation, and effects of clinic violence on abortion services.

On March 2, 2012, Area Directors Maria Charles and Shelly Lundberg co-organized a daylong interdisciplinary workshop on "Gender and Family in the New Millennium." The event was organized around three thematic sessions ("Gender and Family," "Experimental Approaches to Gender and Work," and "Family Diversity"), which featured the work of nine internationally prominent economists and sociologists. The event was very well attended by faculty and graduate students and was followed by a dinner for speakers and Broom research associates.

Research Highlights: Health and Education

The Center's Health and Education theme is directed by Kelly Bedard, the Maxwell C. and Mary Pellish Professor of Economics at UCSB. Among her many contributions to the economics of education and health, Professor Bedard has authored influential work on the effects of elementary school students' age relative to their classmates on their lifetime earnings prospects, featured in Malcolm Gladwell's recent best-selling book, *Outliers*. During 2011/12 she presented her research at the University of Stavanger, Norway, Yale University, and in the Center's own seminar series.

Since 2011, Broom Center affiliates have collectively published more than ten research papers in the areas of Health and Education. Papers in the area of health include a pair of papers by David López-Carr examining emergency care disparities across the US and the geographic clustering of long-lived people (centenarians), and three papers by Heather Royer examining abortion rate changes in the wake of clinic violence, the causal impact of education on health in the UK, and the effect of education on fertility and infant health. Two of Royer's recent papers have been accepted for publication in the economics profession's top-ranked journal, the *American Economic Review*. Work on education and human capital accumulation ranges from work by John Sutton on differences in criminality rates across

developed countries, to a pair of papers studying primary grade retention rates by Kelly Bedard and Philip Babcock, to the much cited work by Babcock on the enormous decline in study time by college students over the past four decades. The study time work by Babcock has been cited in the New York Times, the Washington Post, and the Wall Street Journal, just to name a few. A complete list of publications in the Health and Education area can be found on the Broom Center website.

Research Highlights: Work

Broom Work Theme Director Peter Kuhn is a Research Fellow of the National Bureau of Economic Research (Cambridge, MA), the Institute for the Study of Labor (IZA) in Bonn, Germany, of the CESifo Research Network in Munich, and the Center for the Study of Poverty and Inequality at Stanford University. He serves as Associate Editor of *Labour Economics*, the *Industrial and Labor Relations Review*, and the *IZA Journal of Labor Economics*. During 2011/12, Kuhn gave 19 invited seminar and conference presentations of his research, at venues including the University of Bologna, the Einaudi Institute for Economics and Finance (EIEF) (Rome), the GATE/ANR workshop on Motivation, Incentives and Rationality (Lyon, France), the Shanghai University of Finance and Economics, the Trans-Pacific Labor Seminar (TPLS) conference (Kyoto), Oxford University, and Sciences Po (Paris).

Since its establishment, the Work Theme has assembled a team of 11 Research Associates and 6 Graduate Associates, spanning the disciplines of economics, sociology, geography, and psychology. Highlights of 2011-2012 publications include Catherine Weinberger's "In Search of the Glass Ceiling: Gender and Earnings Growth among U.S. College Graduates in the 1990s", published in the *Industrial and Labor Relations Review*. Weinberger's detailed quantitative analysis of the gender wage gap between older women and men documents a surprisingly small role of personal choices and finds evidence contrary to the predictions of both human capital and discrimination models. Rather than the differential wage growth rates predicted by these models, she finds similar average rates of earnings growth for women and men, which suggests that the gender gap in earnings is determined by factors already present early in the career.

Also on the topic of gender differences in labor market outcomes, Maria Charles' "A World of Difference: International Trends in Women's Economic Status" was published in the *Annual Review of Sociology*. This article reviews international trends in different indicators of women's economic status and considers explanations for the observed patterns. According to Charles, the forms of equality that tend to persist in advanced industrial societies are those that can be readily interpreted as outcomes of free choices by formally equal but innately different men and women.

In a study that touches on three Broom themes (Health, Environment and Work), Research Associate Paulina Oliva estimates the effect of pollution on labor supply using data surrounding the closure of a major oil refinery in Mexico City. She finds that a one percent increase in sulfur dioxide results in a 0.72 percent decrease in hours worked. Most of this effect seems to be driven by short-term changes in respiratory health. Finally, Work Theme Associate Gary Charness had a productive year, with several important papers on the design of social experiments and a fundamental contribution on the

determinants of collaboration in work groups in the *American Economic Review*, titled simply "Participation".

Research Highlights: Spatial Demography and Migration

The Broom Center's Spatial Demography and Migration Theme is directed by Stuart Sweeney, Associate Professor of Geography and Director of UCSB's Institute for Social, Economic and Behavioral Research (ISBER). Sweeney's research focuses on applied statistics and spatial analysis, research methodology, demography, economic geography, and development studies. His research in these areas has been supported by the NSF's Geography and Regional Science program, the Southern California Association of Governments, and the U.S. Department of Labor. During 2011/12, Professor Sweeney presented his research at the University of Illinois, the Annual Meeting of the Population Association of America in San Francisco, the European Population Conference in Stockholm, and the SAM'2012 workshop on the statistical analysis of multi-outcome data in Paris.

2011-12 publications under the Center's Spatial Demography and Migration theme include four articles focusing on health outcomes. Broom affiliate Oliver Deschenes uses a multi-year panel of US county data to assess the impact of temperature deviations on mortality and energy usage. After calibrating the model, he then extrapolates results based expected temperature changes in the US from climate change scenarios. He finds that the impact on mortality is negligible (about 3%). Chafe et al. (including Broom affiliate Lopez-Carr) explore similar climate change scenarios but instead take Mali as their regional focus and assess multiple health metrics. Affiliates Sweeney, Davenport, and Grace have a forthcoming paper that nominally focuses on malnutrition in Guatemala, but a wider contribution of that work is an assessment of two alternative econometric specifications used to study anthropometric measures, and how they can best be used to inform policy. The final health paper is from Broom affiliate John Weeks. It reports recent results from his long-running NIH-funded research in Accra, Ghana.

Weeks also contributed three other articles in 2011-12. Two of those are short commentary articles on Latin American immigration streams. The other article is related to the Accra, Ghana research but in this case reports on mapping and identifying vulnerable populations and neighborhoods in Accra. It highlights one of the marquee elements of his research which is analysis based on the integration of high-resolution satellite imagery and survey data. Closer to the traditional roots of demographic research, in a forthcoming *Journal of Population Research* article Broom affiliates Grace and Sweeney use both period- and cohort- formal demography approaches to document the timing and nature of a fertility stall in Guatemala.

Student Involvement

Altogether, at least 32 graduate students were involved in research conducted by Broom Center Research Associates in 2011/12. In most cases these students also received financial support for their research activities; except where noted all are located at UCSB. The students, and the Broom Center Theme they worked with most closely, are: Jennifer Milosch and Allison Bauer (Family); Lisa McAllister, Melanie Martin, Emily Miner, Anne Pisor, Chris von Rueden, Eric Fuerstenberg, and Angela García

(Biodemography); Cheryl Chen, Daniel Ervin, Tammy Elwell, Lumari Pardo, Alex Zvoleff (SDSU), Magdalena Benza-Fiocco (SDSU), Sarah Wandersee (SDSU), Jaime Speed Rossiter (SDSU), Veronica Montes, Marta Jankowska, Leah Bremmer (SDSU) (Environment); Bonnie Queen, Kevin Welding, Ruth Morales, Stefanie Fischer, Jennifer Schulte and Daniel Argyle (Health and Education); Corrie Ellis and Bridget Harr (Gender); Miguel Delgado (Work); Frank Davenport, Candida Dewes, and Bonnie Bounds (Spatial). A number of UCSB undergraduates were also involved in Broom research, especially in the Biodemography Theme.

Appendices:

Seminar Series Program

Program for Specialist Meeting on Future Directions in Spatial Demography

“Gender and Family” Workshop Program

BROOM CENTER SEMINAR SERIES

2011/12 Schedule

All Seminars are on Mondays, from 1:00 - 2:30 pm, in North Hall 2111

(The Thormahlen Family Seminar Room).

All are welcome.

Fall

Monday October 3: **Seth Sanders** (Duke University) “**The Impact of the Great Migration on Mortality of African Americans: Evidence from the Deep South**” host: Peter Kuhn

Monday October 17: **Michael Gurven** (UCSB) “**The Evolution of Human Senescence**”

Monday November 7: **Suzanne Bianchi** (UCLA) “**Doubling Up when times are Tough**” host: Shelly Lundberg

Monday November 21: **Kelly Bedard** (UCSB) “**No Cohort Left Behind**”

Winter

Monday January 23: **Stuart Sweeney** (UCSB) “**Convergence/divergence of fertility behavior among Los Angeles immigrants: Does region of origin matter?**”

Monday February 6: **David Lopez-Carr** (UCSB) “**Geographic Dimensions of Demographic and Forest Transitions: From the Global to the Local**”

Monday February 27: **Peter Kuhn** (UCSB) “**Gender Discrimination in Job Ads: Evidence from a Chinese Internet Job Board**”

Monday, March 12: **Mario Small** (University of Chicago) “**The Institutional Foundations of Social Capital: Evidence from Mothers and Childcare Centers**” host: Maria Charles

Note: Mon Jan 16 and Mon Feb 20 are university holidays.

Spring

Monday April 9: **David Neumark** (UC Irvine) “**Do Stronger Age Discrimination Laws Make Social Security Reforms More Effective?**” host: Kelly Bedard

Monday April 30: **Paul Voss** (University of North Carolina at Chapel Hill, Carolina Population Center, Odum Institute for Research in Social Science) “**A Perspective On Spatial Demography**” host: Stuart Sweeney

Monday May 21: **William Darity** (Duke) hosts: Howard Winant, Shelly Lundberg (co-sponsored with UCSB's Center for New Racial Studies)

Note: Monday May 28 is Memorial Day

SPECIALIST MEETING
FUTURE DIRECTIONS IN SPATIAL DEMOGRAPHY

Upham Hotel
Santa Barbara, California
December 12–13, 2011

AGENDA

SUNDAY, DECEMBER 11

ARRIVAL

6:00 *Informal gathering for those interested in dinner together* UPHAM HOTEL LOBBY

MONDAY, DECEMBER 12

UPHAM HOTEL, GARDEN ROOM

8:30 **Welcome and introductions**

8:40 **Overview of Goals**

9:00 **Session 1: State of Science in Spatial Demography**

9:05

John Logan

9:25

Marcia Castro

9:45

Open discussion

10:15 *Break*

10:30 **Session 2: Emergent Geospatial Data and Measurement Issues**

10:35

Michael Goodchild

10:55

Deborah Balk

11:15

Open discussion

11:45 *Lunch, Louie's*

UPHAM HOTEL, GARDEN

1:15 **Session 3: Spatial Statistical Methods**

1:20

Sergio Rey

1:40

Paul Voss

2:00

Open discussion

2:30 *Break*

2:45 **Session 4: Synthesis of Challenges and Opportunities**

2:50

Barbara Entwisle

3:10

Daniel Sui

3:30

Open discussion

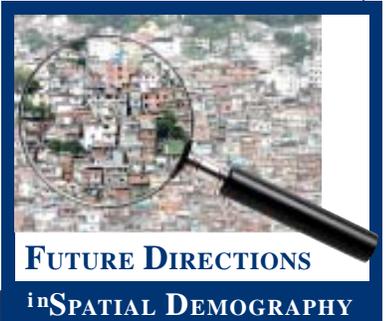
4:15 **Session 5: Initial Breakout groups**

Define parameters for discussion for Tuesday morning

5:00 Reception, open discussion

UPHAM HOTEL, LOBBY

6:15 *Dinner, Opal*
1325 State Street



6:00	Mission Canyon Hike (<i>optional</i>)	MEET IN UPHAM HOTEL LOBBY
9:00	Quick review of the day's objectives	GARDEN ROOM
9:10	Breakout Phase 1: 3 parallel groups	GARDEN ROOM, BOARD ROOM, COACH ROOM
	<ul style="list-style-type: none"> • What are the emerging issues in reproductive health, and other areas of societal need that can be addressed through spatial demography? • How can spatial demography best make the case for itself in these areas? • What kinds of research infrastructure, funding, and training programs will best advance spatial demography in these areas? • What are the training challenges to the enhancement of future research in spatial demography? • What steps might this group take following the specialist meeting to advance spatial demography? 	
10:40	<i>Break</i>	
11:00	Breakout Phase 2: 3 parallel groups	GARDEN ROOM, BOARD ROOM, COACH ROOM
	<ul style="list-style-type: none"> • How are demographers measuring place and the interrelationships among places? • How can demographers harness emerging developments in the generation of geospatial data (e.g., volunteered geographic information and crowd-sourced data)? • How can new measures be validated for use in neighborhood and contextual research? • What visualization and spatial analytical methods make up the current tool kit of the spatial demographer? • What new methodological developments in spatial and spatiotemporal analysis are possible in the next five years and how might these be integrated into mainstream demographic research? 	
11:45	<i>Working Lunch, box lunch</i>	GARDEN ROOM, BOARD ROOM, COACH ROOM
12:30	<i>Break while reporters prepare presentations</i>	
1:00	Reports from Breakouts	GARDEN ROOM
	Phase 1 and Phase 2 questions	
2:00	Plenary discussion	GARDEN ROOM
2:30	<i>Break</i>	
3:00	Plenary discussion: Next steps and wrap up	GARDEN ROOM
5:00	Reception	LOBBY/GARDEN ROOM
	Sponsored by the UCSB Broom Center for Demography	
	http://www.broomcenter.ucsb.edu/	
6:30	<i>Dinner on your own</i>	SEE SUGGESTED RESTAURANTS IN BINDER

**Research Workshop:
“Gender and Family in the New Millennium”**

**Leonard and Gretchan Broom Center for Demography,
University of California Santa Barbara**

**March 2, 2012
Mosher Alumni House**

Continental breakfast: 9:30-10:00

10:00 Welcome: Director Peter Kuhn and Dean Melvin Oliver

Session 1: 10:15-12:15. Gender and Family

Chair: Peter Kuhn, Professor of Economics, UCSB

Kathleen Gerson, Professor of Sociology, NYU/Stanford Center for Advanced Study in the Behavioral Sciences “Blurring Gender Boundaries and New Dilemmas of Work and Care”

Francine Blau, Frances Perkins Professor of Industrial and Labor Relations, Cornell University
“The Transmission of Women’s Fertility, Human Capital, and Work Orientation Across Immigrant Generations”

Marianne Bertrand, Chris P. Dialynas Professor of Economics, University of Chicago, Booth School of Business “The Trouble with Boys: Social Influences and the Gender gap in Disruptive Behavior”

Lunch: 12:15-1:15

Session 2: 1:15-3:15. Experimental Approaches to Gender and Work

Chair: Shelly Lundberg, Broom Professor of Demography, UCSB

Shelley Correll, Professor of Sociology; Barbara D. Finberg Director, Michelle R. Clayman Institute for Gender Research “Laws, Norms, and the Caretaker Penalty”

Lise Vesterlund, Andrew W. Mellon Professor of Economics, University of Pittsburgh
“Breaking the glass ceiling with “no”: Gender differences in doing favors”

Peter Kuhn, Professor of Economics; Director, Leonard and Gretchan Broom Center for Demography, UCSB “Do Women Prefer a Co-operative Work Environment?”

Break: 3:15-3:45

Session 3: 3:45-5:45. Family Diversity

Chair: Maria Charles, Professor of Sociology, UCSB

Brian Powell, James H. Rudy Professor of Sociology Indiana University
“Counted Out: Same-Sex Relations and Americans’ Definitions of Family”

Heather Antecol, Boswell Professor of Economics; Director, Berger Institute for Work, Family and Children, Claremont McKenna College “Career and Family Choices among Elite Liberal Arts Graduates “

Kathryn Edin, Professor of Public Policy and Management, Harvard Kennedy School
“Doing the Best I Can: Fatherhood in the Inner City”