

Broom Center for Demography
University of California, Santa Barbara
2015 Annual Report

The Leonard and Gretchan Broom Center for Demography is an interdisciplinary research center at the University of California, Santa Barbara. We were established in October 2011, 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. This report describes the Center's activities during its fourth year of operation, from July 2014 through June 2015.

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. Our mission is to facilitate and engage in research and training in the areas of social demography, population studies, and social and economic inequality. The 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.

As of September 1, 2015, the Center consists of 30 **Research Associates** and 45 **Graduate Associates** spanning eight disciplines (Anthropology; Ecology, Evolution & Marine Biology; Economics; Geography; Linguistics; Marine Science; Psychology and Sociology). During 2014/15, five former Graduate Associates became Broom alumni, moving on to positions at Sacramento State University (Jennifer Milosch), Cal Poly San Luis Obispo (Stefanie Fischer), San Diego State University (Ryan Abman), Barnard College (Heather Hurwitz), and the University of Richmond (Christopher von Rueden).

In the 2014-15 academic year, the Broom Center hosted five **Visiting Scholars**. Megan Costa, a demography graduate student at the University of Pennsylvania, visited from July –December 2014 to collaborate with Michael Gurven's biodemography group. Jennifer Flashman, a sociologist from Purdue University, studied social networks in U.S. high schools during her visit, from September 2014-February 2015. Prof. Craig Riddell of the University of British Columbia visited as a Fulbright fellow from February through June 2015, conducting research on economic inequality in an international context. The Center also hosted shorter term research visits from Professors Hani Mansour (UC Denver) and Ryo Kambayashi (Hitotsubashi University).

2014/15 has been an active research year for the Center's Research Associates. Two of the Associates had large, active grants totaling over 13 million dollars in value that support other Research Centers: UCSB's Center for Nanotechnology in Society (Appelbaum), UC's Center for New Racial Studies (Winant). In addition to these grants, the Center's Research and Graduate Associates held 61 active research grants totaling \$29,243,452 in value during the year, from sources that include the National

Institutes of Health, National Science Foundation, NASA, China's National Natural Science Foundation, NOAA, William T. Grant Foundation, and Robert Wood Johnson Foundation. Of these, Broom Associates were Principal Investigators on 17 grants valued at \$11,926,576. Together the Center's Research and Graduate Associates published 138 peer-reviewed articles, 2 books, 25 chapters in edited volumes and 23 other items in 2014-15.¹ **Appendices 1 and 2** provide complete lists of the above grants and publications respectively; a searchable database of Broom Center publications is also available on the Center's website. Some research highlights from each of the Center's seven research themes are discussed later in this document.

As a group, the Research Associates held a large number of honorary positions in 2014-15; these are listed in **Appendix 3**. A noteworthy new distinction is Gary Charness's receipt of the Exeter Prize for Research in Experimental Economics, Decision Theory and Behavioral Economics. Victor Rios received an Honorable Mention for the Eduardo Bonilla-Silva Book Award, presented by the Society for the Study of Social Problems, and Verta Taylor joined the editorial board of *Social Psychology Quarterly*. Steven Gaulin was recognized as an Academic Senate Distinguished Teacher, and Jessica Cornick received a campus award for her contributions to excellence in teaching.

Broom Associates' research was also featured prominently in the media; highlights from **Appendix 4** include Catherine Weinberger's research on the complementarity between cognitive and social skills (*Wall Street Journal*, *Forbes*, and the *Harvard Business Review*), Sarah Thebaud's research on how young men and women prefer to share work and domestic duties (*National Public Radio*), Maya Rossin-Slater's study of the effects of California's paid family leave program (*New York Times*), and Michael Gurven and Benjamin Trumble's research on testosterone among Tsimane hunters (*Los Angeles Times*, *Telegraph*, and *International Business Times*). Broom Associates also advised a number of governments and non-governmental associations. For example, Peter Kuhn conducted a presentation and question and answer session on Internet job search for France's National Employment Policy Council, an independent advisory body to the French Prime minister. Aashish Mehta consulted with the Asian Development Bank on Social Safety Nets, and Richard Appelbaum served as Board member for the Child Rights and Protection Consultancy-International (CRPCI).

In April 2015, the Center awarded its fourth set of **Graduate Student Research and Travel (GSRT) grants**. These grants fund dissertation research and attendance at training programs in demographic methods for qualifying Broom graduate associates. Eight students received a total of \$12,800 from this program. The Center also awarded Dean's grants totaling \$3,492 for summer training at the ICPSR (Interuniversity Consortium for Political and Social Research), and supported the travel expenses of eleven Graduate Associates to the Population Association Association (PAA) annual meeting in San Diego. A complete list of grants awarded by the Center is provided in **Appendix 5**.

¹ The other items include encyclopedia entries, proceedings and reprints. Appendix 1's count of publications includes all items published in 2014, 2015 or forthcoming at the time of writing (September 2015). To ensure comparability over time, the Center uses the same approach in all its reports.

The Broom Center operates two seminar series, both of which had a successful year. Our main **seminar** meets in North Hall every other week with a combination of internal and outside speakers. This year's external speakers included Gillian Ice (Ohio, Biological Anthropology and Gerontology), James Smith (Rand, Labor Markets and Demographic Studies), Adrian Raftery (University of Washington, Statistics and Sociology), Lori Hunter (University of Colorado at Boulder, Sociology), Pascaline Dupas (Stanford, Economics), Edward Telles (Princeton, Sociology), David Lawson (London School of Hygiene and Tropical Medicine), Corinne Low (Wharton School, Penn, Business Economics and Public Policy), Steven Ruggles (University of Minnesota, History), Luis Rosero-Bixby (UC Berkeley, Demography), Jerry Jacobs (University of Pennsylvania, Sociology), Cedric Puleston (UC Davis, Anthropology), Lindsay Chase-Lansdale (Northwestern University, Human Development and Social Policy), and Melissa Emery Thompson (University of New Mexico, Anthropology). **Appendix 6** provides a complete list of speakers and topics.

The **lab lunch seminars** feature graduate student research presentations designed to foster an interdisciplinary community of researchers with demographically-related interests. Each seminar consists of presentations by two students from different disciplines; feedback from both grad students and faculty has been both plentiful and constructive. Also included in the lab lunch series are occasional research methods lectures by expert scholars. In 2014/15 Prof. Olivier Deschenes presented two such lectures on approaches to inferring causality in empirical analysis. A list of all the lab lunch presentations is included as **Appendix 7**.

In 2014-15, the Center hosted the fourth in its annual series of Theme-oriented Workshops. This year's workshop, "Environmental and Economic Impacts on Human Demography" took place on May 3, 2015, and was co-organized by Shelly Lundberg and David Lopez-Carr (directors of the Family Demography and Population-Environment themes respectively). Invited presenters were Francesco Billari (Oxford), Aart Liefbroer (Netherlands Interdisciplinary Demographic Institute), Michael White (Brown), John Ermisch (Oxford), Fernando Riosmena (UC Boulder), Francisca M Antman (UC Boulder) and Barbara Entwistle (UNC). **Appendix 8** provides an agenda and participant list for the workshop.

The Broom Center operates a **social demography computer lab** providing state of the art hardware and software ranging from Atlas.ti (a qualitative data analysis package) to statistical packages like Stata, SAS and SPSS, to flexible programming languages like Matlab and R. We also maintain a corps of graduate student **lab assistants** who provide in-person advice both on software and on statistics and study design. In addition, the lab operates a series of **Research Methods Mini-Courses**, taught primarily but not exclusively by the lab assistants. These short modules are typically two-hour hands-on sessions in the lab. In 2014-15 they covered U.S. Census Data Acquisition & Visualization, Introduction to Stata (twice), Introduction to Atlas.ti, Intermediate Atlas.ti, Visualizing Spatial Data using R, and R for SPSS Users. Fuller descriptions are provided in **Appendix 9**.

An especially promising development in 2014/15 is the completion of planning for the Center's **Ph.D. emphasis in demography**. Pending final campus approval, this optional emphasis can be added to UCSB PhD degrees in Anthropology, Economics, Geography, and Sociology starting in the 2015/16 academic year. Training will include a common core course in demographic methods, and research

seminar for advanced students and demographically oriented courses in the four above departments. Next year's annual report will provide details of the program and discuss what we hope will be its first year of operation.

Research Highlights: Family Demography

The Family Demography Theme Director is Shelly Lundberg, who is also the Broom Professor of Demography and the Associate Director of the Broom Center. In total, 15 Research Associates and 12 Graduate Associates from Sociology, Economics, Anthropology, and Geography conduct research and publish within this theme.

"Ethnic dimensions of Guatemala's stalled transition: A parity specific analysis of Ladino and indigenous fertility regimes," by geographers and Broom Research Associates [Kathryn Grace](#) and [Stuart Sweeney](#), is forthcoming in the field's flagship journal, *Demography*. In this paper, they construct fertility histories for 25,000 women in order to decompose the fertility transition and stall into parity components and to explore the contributions of the different ethnic groups in Guatemala to the maintenance of a high fertility rate. They find that the initial fertility decline during the 1970s was primarily due to the changing behavior of one group – the ladino population – and their reduction of higher order births. The stall occurs during the 1980s and early 1990s primarily because there was no real change in the transition to higher order births for either ladino or indigenous populations. This virtual halt in the fertility transition may have been due to the war and disruption of access to health services. Grace and Sweeney observe, with the end of the war, a return to fertility decline among ladinos and active fertility reduction among the indigenous during the period 1995-2000. Also in Geography, Research Associate [David Lopez-Carr](#) has published "Why Has Iran's Family Planning Policy Been So Successful? Political, Demographic, Socio-economic, and Cultural-Geographical Underpinnings of a Dramatic Fertility Transition" (with Maryam Alaeddini) in *Rural Studies*.

Broom Research Associates in the Integrated Anthropological Sciences group have had a typically productive year, with new papers that span the research themes of Family, Biodemography, and Health and Education. In "Physical Growth of the Shuar: Height, Weight, and BMI Growth References for an Indigenous Amazonian Population," forthcoming in *American Journal of Human Biology*, [Aaron Blackwell](#) and several co-authors report on a study of growth from birth to adulthood among the indigenous Shuar of Amazonian Ecuador. The Shuar are small throughout life and exhibit complex patterns of growth in height and weight that differ substantially from those of international references. By documenting characteristics of Shuar development, provides valuable insights into childhood health and the ecology of human growth. Broom Postdoctoral Scholar [Benjamin Trumble](#) has collaborated with several coauthors, including Associates Aaron Blackwell and [Michael Gurven](#), on "Depression as sickness behavior? A test of the host defense hypothesis in a high pathogen population" (forthcoming in *Brain, Behavior, and Immunity*). In this paper, they examine the relationship between depression and immune activation in a high-pathogen population of Bolivian forager-horticulturalists (the Tsimane), testing several predictions of the host defense hypothesis, which posits that depression is part of a broader coordinated evolved response to infection or tissue injury (i.e. "sickness behavior") that promotes energy conservation and reallocation to facilitate immune activation. They find that

emotional, cognitive and somatic symptoms of depression are associated with greater immune activation, indicating that the association between depression and greater immune activation is not unique to Western populations.

Research Associate Maya Rossin-Slater has published "Early-life Origins of Lifecycle Wellbeing: Research and Policy Implications" (with Janet Currie) in the *Journal of Policy Analysis and Management*. In this paper, they summarize the research on the strength of the link between early-life health and adult outcomes, and then provide an evidence-based review of the effectiveness of existing U.S. policies targeting the early-life environment. The authors conclude that there is a robust and economically meaningful relationship between early-life conditions and wellbeing throughout the lifecycle, as measured by adult health, educational attainment, labor market attachment, and other indicators of socio-economic status. Among existing programs, some of the most effective are the Special Supplemental Program for Women, Infants, and Children (WIC), home visiting with nurse practitioners, and high-quality, center-based early childhood care and education.

Broom Associate Director Shelly Lundberg has two forthcoming papers on the American family. In "The Evolving Role of Marriage: 1950-2010" (coauthored with Robert Pollak and forthcoming in *Future of Children*) the authors review the economic explanations for the decline in marriage rates, rising cohabitation, and the widening disparity in family structure across education and income groups. Lundberg and Pollak argue that the primary source of the gains to marriage shifted from the production of household services and commodities to investment in children, and that different patterns of childrearing are the key to understanding class differences in marriage and parenthood. Marriage is the commitment mechanism that supports high levels of investment in children and is hence more valuable for parents adopting a high-investment strategy for their children. In a review essay forthcoming in the *Journal of Economic Literature*, "Tiger Parenting and American Inequality: An Essay on Chua and Rubenfeld's *The Triple Package: How Three Unlikely Traits Explain the Rise and Fall of Cultural Groups in America*," Lundberg discusses how this book, intended for a popular audience, goes astray in its analysis of the determinants of success in America but argues that the authors' focus on interactions between traits has lessons for social scientists.

Research Highlights: Biodemography and Evolution

The Broom Center's Biodemography area is directed by Michael Gurven. In its fourth year, this area now has nine research associates and six graduate student associates, spanning anthropology, geography, economics and psychology departments. Many of the theme's publications stem from the Evolutionary Anthropology and Biodemography Research Group, where the Tsimane Health and Life History Project (directed by Gurven) forms a central role. Together, these publications demonstrate the value of an evolutionary approach on a variety of themes that span across the social and natural sciences. Forty-one publications from 2014-2015 appear in diverse, prestigious journals, such as *Proceedings of the Royal Society B*, *Evolution and Human Behavior*, *Maternal and Child Nutrition*, *Journals of Gerontology-Medical Sciences*, *Brain Behavior and Immunity*, *American Journal of Physical Anthropology*, *Social Science and Medicine*, and *Maternal and Child Nutrition*.

Several of the prominent findings from Tsimane research include: (1) Tsimane show minimal risk of benign prostate hyperplasia (enlarged prostate) compared to age-matched Westerners because they have lower levels of testosterone and minimal diabetes, (2) greater testosterone levels were associated with higher performance on cognitive tasks, (3) oxytocin increased in synch with testosterone and hunt duration among men, despite their traditional opposing effects on social behavior, (4) older adults are recognized experts not only in hunting and other physical productive tasks, but in many cultural skills, attesting to the delayed skills-intensive nature of the evolved human niche, (5) Tsimane show low levels of bone mineral density despite being physically active, and higher, more rapid reproduction was also associated with lower bone mineral density, (6) depression is associated with greater baseline and activated levels of immune biomarkers, consistent with the notion that depression may in part function to help host immunity, (7) patterns of food transfers reflect variation in need, kinship and are highly intergenerational, and (8) an extraverted personality appears to be adaptively calibrated to aspects of larger body size and higher levels of schooling. Together these results make substantial contributions to several demographic disciplines, including anthropology, gerontology, biology, medicine and public health.

Other associate contributions reflect the importance of biodemography at UCSB. Aaron Blackwell and colleagues developed new growth reference curves from birth to adulthood for Amerindian populations in South America, who show some unique deviations from international standards. Steven Gaulin and colleagues show that low male voice pitch is associated in Bolivian males with higher testosterone and energetic condition, and that testosterone mediates the relationship between energetic condition and voice. The latter supports a costly signaling model of low men's voices. A student associate, Anne Pisor, and colleagues studied the factors that impacted credulity of different beliefs in two US samples, showing that people are more credulous of information concerning hazards, and those who believe the world is a dangerous place are even more credulous. This study represents an important advance in the epidemiology of ideas.

Research Highlights: Population-Environment Interactions

The "Population and Environment Interactions" Research theme for the Center has focused on rapidly shifting dynamics in regional and international migration, fertility, mortality and morbidity, and the relations of these to socio-economic and political processes relating to environmental change across local, national, and world regional scales. Among population-environment dynamics, the conversion of forest to agriculture represents the most expansive footprint of human occupation of the Earth's surface. Papers by López-Carr, Sweeney, Davenport, and colleagues presented work on population-land change dynamics in Latin America. Several papers on marine resource use in relation to population dynamics was published by López-Carr and colleagues with special focus on marine protected areas and the importance of understanding the contribution of culture in planning MPAs. Cultural factors in relation to environmental change writ large was a topic advanced by López-Carr and colleagues in a paper published in *PNAS*, Culture into Sustainability Science Research and Policy.

Another area of interest for the group is population and climate change. In this research area, UCSB Geography graduate student Corrie Ellis published *Solidarity for Feminist Climate Justice* in *The*

Feminist Wire. And UCSB Geography graduate student, Jessica Marter-Kenyon and López-Carr published a commentary in *Nature* on the importance of planned migration under climate change stressors. Recent interdisciplinary synergies have led to collaboration on population vulnerability and food security in Africa and Latin America. UCSB Geography graduate student, Daniel Ervin led a journal article publication on food security challenges relating to population, production, and consumption dynamics in Latin America, Agricultural inputs, outputs, and population density at the country-level in Latin America: decadal changes augur challenges for sustained food production and forest conservation, in *Interdisciplinary Environmental Review*.

Broom Faculty Affiliate, Paulina Oliva was active in publishing population-environment work. She submitted a paper to the *Economic Journal* on pollution and morality, Related to this work was a paper published in the *Journal of Political Economy*, Environmental Regulation and Corruption: Automobile Emissions in Mexico City, and a manuscript published in *Journal of Public Economics*, The Effect of Pollution on Labor Supply: Evidence from a Natural Experiment in Mexico City, with Rema Hanna Oliva also published on fuel consumption choices among poor populations in India.

Broom Affiliate John Weeks released the Twelfth Edition of his leading demography text, *Population: Introduction to Concepts and Issues*. Weeks also collaborated with other Broom scholars, including geography graduate student, Kevin Mwenda, on several papers published on population, health, and environment in sub-Saharan Africa and on Latino aging in the US south.

Research Highlights: Sex and Gender

Maria Charles is the Director of the Sex and Gender Thematic Area. She is Professor and Chair of Sociology, Faculty Affiliate of the Feminist Studies Department, and elected member of the Sociological Research Association. As of September 2015, the Theme has eleven Research Associates and fifteen Graduate Student Associates. Broom affiliates published more than three dozen research articles, chapters, and books related to the sex and gender theme in 2014/15.

In "Is There a Caring Class?" Sociologists and Broom Center affiliates Maria Charles and Corrie Ellis teamed up with American Sociological Association President Paula England to explore whether children inherit from their parents a propensity to do care work at home or in the labor market. Results, based on data from the U.S. General Social Surveys, provide little evidence that care work is transmitted from parents to children. While women and men whose parents worked in care are more likely to do so themselves, this association is attributable to the tendencies for people to work in the same detailed occupational category as their parents – and for girls to follow their mothers into full-time homemaking. Parents pass along their vertical status positions, and sometimes their specific jobs, but not care work as such. The authors conclude that the observed parent–child similarity in caring outcomes reflects transmission of values, knowledge, and network ties that are specific to detailed occupations, rather than generic to care work broadly defined. This research, funded by a grant to Charles and England from the Russell Sage Foundation, is forthcoming in the journal *Sociological Science*.

Sociologist and Research Associate Sarah Thébaud makes pioneering use of experimental and statistical methods in two articles related to gender inequality in entrepreneurship. In “Business as Plan B?” she applies multilevel models to explore effects of national childcare and family-leave policies on women’s access to entrepreneurial labor markets. She finds, paradoxically, that more women are entrepreneurs in countries with less progressive family policies. The nature of their entrepreneurship differs across contexts, however. Results suggest that casual self-employment may be a fallback strategy for women in policy regimes where family obligations are especially difficult to reconcile with formal employment. This article is published in the highly selective interdisciplinary journal, *Administrative Science Quarterly*. In “Status Beliefs and the Spirit of Capitalism,” published in *Social Forces*, Thébaud uses a comparative experimental design to examine how gender stereotypes operate in the United States and United Kingdom to disadvantage women entrepreneurs in the financial support that they receive from potential clients and investors for their business ventures. Both articles have received significant media attention over the past year. In addition, Thébaud’s “Can We Finish the Revolution?” (featured in Broom’s 2014 annual report) was covered on the front page of the *New York Times* in July 2015.

Gender-specific work and family roles are also the topic of published research by anthropologist and postdoctoral Research Associate Ben Trumble. In “Masculine Perspectives about Family and Work Concurrently Promote and Inhibit Men’s Health Behaviors,” Trumble and coauthors analyze data from focus groups and interviews to explore how norms of masculinity may influence men’s health practices. While the negative relationship between masculine norms and healthy behavior has been well documented, less is known about possible positive influences. In contrast to existing understandings, the authors find that some dimensions of masculinity, namely ideals of men as providers, workers, and protectors of family, can motivate healthy behaviors related to diet, exercise, and doctor’s visits. This article is published in *International Journal of Men’s Health*

Broom Center Research Associates have also completed some high-profile work on gender in international perspective. Aashish Mehta and Alison Brysk’s “Do Rights at Home Boost Rights Abroad?” assesses the country-level relationship between gender equality and support for diverse international human rights outcomes. Controlling for economic development level and democratic regime type, they find that more gender egalitarian countries are more likely to support international commitments to constrain state violence, combat discrimination, and provide development assistance. These effects are stronger in democratic states, where citizen empowerment translates more readily into foreign policy outcomes. Results provide support for feminist international relations theories suggesting that more deeply democratic countries with greater gender equity will be stronger human rights promoters. This article was published in the *Journal of Peace Research*.

Research Highlights: Health and Education

The Center’s Health and Education theme is directed by Kelly Bedard, Professor of Economics at UC Santa Barbara. There are currently 18 Broom Research Associates and 20 Broom Graduate Associates who do research related to health and education. The faculty and students in this theme come from a broad range of disciplines; including anthropology, economics, geography, psychology, and

sociology. Associates published more than 19 research articles, chapters and books. Publication highlights include papers by psychologist Brenda Major, economist Paulina Oliva, and anthropologists Aaron Blackwell and Michael Gurven.

In “Does unfairness feel different if it can be linked to group membership? Cognitive, affective, behavioral and physiological implications of discrimination and unfairness,” Brenda Major and her coauthors ask whether unfair treatment leads to different emotional and physical responses depending on whether or not it is group-based? While it is well-established that unfairness and discrimination often lead to anger, anxiety, and stress, there is less evidence about the extent to which responses vary in intensity and flavor depending on whether the unfairness arises within or outside one’s group. Major and her coauthors find that the perception of discrimination is the strongest among those treated unfairly by someone outside the group. In fact, they find that only group-based unfair treatment, discrimination coming from outside the group, had observable and predictable consequences for cardiovascular functioning.

Paulina Oliva and her coauthors provide important estimates of the impact of pollution on infant mortality in a developing country context. While there is growing concern about the effects of pollution on health in the developing world, much of what we know about the relationship between pollution and health comes from the developed world. “Does the Effect of Pollution on Infant Mortality Differ Between Developing and Developed Countries? Evidence from Mexico City,” begins to fill this void. Oliva uses a novel instrumental variables strategy to estimate the effect of CO and PM10 on infant health, as measured by infant mortality. They estimate that a 1 percent increase in CO (PM10) over a year leads to a 0.23 (0.42) percent increase in infant mortality. While their PM10 estimates are similar to those found using US data, their CO results for Mexico City are substantially larger, despite the fact that the Mexico City pollution levels are twice as high as those in US cities. The authors point to this as suggestive evidence that while the relationship between PM10 levels and infant mortality may be linear, increases in CO may have a progressively bigger negative impact on infant mortality as the level rises.

In “Depression as sickness behavior? A test of the host defense hypothesis in a high pathogen population, Brain, Behavior, and Immunity,” Aaron Blackwell, Michael Gurven, and their coauthors test the host defense hypothesis. The defense hypothesis conjectures that our body responds to infection or injury by conserving energy, and that depression is part of this energy conservation response. More specifically, they test whether depression is associated with greater immune activation in a high pathogen forager-horticulturalist population in Bolivian by measuring the concentration of immune biomarkers in a sample of adult Tsimane. They find that on average depression is indeed associated with greater immune activation. This is an important addition to existing research showing this association in the developed world.

Research Highlights: Work

The Broom Center’s Work Theme Director is Peter Kuhn. Kuhn is a Professor of Economics at UCSB, a Research Fellow of the National Bureau of Economic Research, and currently directs the Broom Center. Currently, the Work Theme’s research team comprises 13 Research Associates and 16 Graduate Associates, spanning the disciplines of economics, sociology, geography, anthropology and psychology.

Highlights of the group's 2014-2015 publications include work by Associates Kelly Bedard, Paulina Oliva, and Peter Kuhn.

What makes teams 'work'? In 2015, Kelly Bedard published a fascinating study of how social incentives—encouragement or pressure from teammates—can have powerful, positive effects on individual performance that compare favorably in size to the effects of financial performance incentives. Co-authored with Philip Babcock, Gary Charness, John Hartman, and Heather Royer, "Letting Down the Team? Evidence of Social Effects of Teams" matched UCSB undergraduate students into two-person teams and incentivized the teams to visit the gym. When the incentive structure made the team members interdependent—such that each team member's gym attendance affected the other's cash reward—, Bedard et al. found that team performance improved relative to the equivalent financial incentives provided on an individual basis. The study, published in the *Journal of the European Economic Association*, provides one of the first pieces of rigorous experimental evidence that pure peer pressure can affect individual performance and has important implications for the study of human cooperation.

While a number of compelling recent studies demonstrate causal effects of air pollution on a range of health outcomes, evidence on the air pollution's effects on workforce productivity remains very scarce. In "The Effect of Pollution on Labor Supply: Evidence from a Natural Experiment in Mexico City" Broom Associate Paulina Oliva and co-author Rema Hanna address this question by studying the closure of a large refinery in Mexico City. This closure gave rise to demonstrably exogenous variation in air pollution that the authors use to study pollution's impacts on the labor supply of people living nearby. The closure led to an 8 percent decline in pollution in the surrounding neighborhoods. The authors find that a one percent increase in sulfur dioxide results in a 0.61 percent decrease in the hours worked. The effects do not appear to be driven by labor demand shocks nor differential migration as a result of the closure in the areas located near the refinery. The results, published in the *Journal of Public Economics*, convincingly demonstrate that air pollution affects not only households and consumers, but has direct negative effects on the productivity of a nation's workforce. These effects need to be accounted for when assessing the costs and benefits of economic policies that reduce emissions.

In "Is Internet Job Search Still Ineffective?", Broom Director Peter Kuhn and co-author Hani Mansour revisit a question Kuhn posed in a 1994 *American Economic Review* article: Do unemployed workers who look for work on line become employed faster than other unemployed workers? Using data on unemployed, young U.S. workers from the National Longitudinal Survey of Youth who are looking for work between 2005 and 2008, they find that the answer is "yes": the ones who look for work online are re-employed about 25% faster than comparable workers who do not search online. This finding contrasts with Kuhn's previous results for the sample period 1998–2001, and is robust to controls for cognitive test scores and detailed indicators of Internet access. In the more recent data, Internet job search (IJS) appears to be most effective in reducing unemployment durations when used to contact friends and relatives, to send out resumes or fill out applications and also to look at advertisements. Together, the two studies suggest that there has been a major shift in either the effectiveness of internet job search, or in which types of unemployed workers choose to look for jobs online since 2000.

Research Highlights: Spatial Demography and Migration

Stuart Sweeny is the area director for the Broom Center's Spatial Demography and Migration theme. The focus of this theme is on research where space (mathematically abstract), place (culturally and meaningfully rich), or the dynamic movement of individuals between spaces/places is central to the research. Sweeney presented his research results at the Population Association of America and participated in future research directions meeting for the Mathematics, Measurement, and Statistics program at the National Science Foundation. He is on the editorial board of the journal *Spatial Demography* and Director of the Institute for Social, Behavioral, and Economic Research at UCSB.

Spatial Demography and Migration has thirteen faculty associates from four departments (anthropology, economics, sociology, and geography), and eleven graduate student associates distributed among geography, economics, sociology, and linguistics. Broom associates were productive in 2014-15 and published 29 articles, chapters, and proceedings during the period focusing on an eclectic set of topics. To give a sense of the breadth of the research, three articles from 2014-15 are summarized below.

Graduate associate Deborah Hobden (Sociology) published one of her dissertation papers in the journal *Perspectives on Global Development and Technology*. Her article, titled "'Your mall with it all': Luxury development in a globalizing African city" explores the impact of luxury development on the city of Accra, Ghana. She argues that a modern mall constructed in 2008 is evidence of current consumer-oriented development favoring elites and represents a more general trend towards urban citizenship being defined in consumerist terms.

Research associate John Weeks was co-author on a 2015 article titled, "Mapping slums using spatial features in Accra, Ghana." Noting that 60% of urban populations in sub-Saharan Africa live in slums, there is a need to identify the location and boundaries of slums to better target service deliveries to those populations. Field-based surveys are intensive to complete and generally only focus on subdistricts whereas Census enumerations cover full cities but are only updated once per decade. The paper reports on the ability to use remote sensing (Quickbird images) and classification algorithms to provide more frequent slum boundary identification. The results appear to be promising with correct classification of slums 92% of the time against UN measure of slum locations. The results are less promising when evaluated with respect to census derived slum maps. The results are reported in proceedings from the 2015 IEEE *Urban Remote Sensing Event* in Lausanne, Switzerland.

Research associate David Lopez-Carr co-authored the introduction to a journal's special issue on Migration and Health that he co-edited with Shannon Gleeson. The papers in the journal are from a summer institute graduate workshop sponsored by the UC Global Health Institute. The introduction highlights the need for mixed-methods approaches to public health research that focuses on immigrant health. In particular, there are few substitutes for embedded methods in what are often marginalized communities.

Appendices:

1. Publications in 2014-15
2. Active Funding
3. Recognition and Service
4. Media and Public Policy Contributions
5. Grants Awarded by the Broom Center
6. 2014-15 Seminar Schedule
7. 2014-15 Lab Lunch Schedule
8. Workshop Agenda and Participants
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Appendix 1

Publications in 2014/15²

Aaron Blackwell

Stieglitz, J, Trumble, B, Emery Thompson, M, Blackwell, AD, Kaplan, H, Gurven, M. 2015. Depression as sickness behavior? A test of the host defense hypothesis in a high pathogen population, *Brain, Behavior, and Immunity*, in press, DOI: 10.1016/j.bbi.2015.05.008. * A

Blackwell, AD. 2015. Evolution in Four Dimensions: Genetic, Epigenetic, Behavioral, and Symbolic Variation in the History of Life (Revised Edition). Edited by Eva Jablonka and Marion J. Lamb. Book Review, *American Journal of Human Biology* 27(3):440-441. DOI: 10.1002/ajhb.22721. A

Von Rueden, CR, Trumble, BC, Emory Thompson, M, Stieglitz, J, Hooper, PL, Blackwell, AD, Kaplan, HS, Gurven, M. 2014. Political influence associates with cortisol and health among egalitarian forager-farmers, *Evolution, Medicine, and Public Health*, eou021, DOI: 10.1093/emph/eou02 *A

Stieglitz, J, Jaeggi, AV, Blackwell, AD, Trumble, BC, Kaplan, H, Gurven, M. 2014. Work to Live and Live to Work: Productivity and Psychological Well-Being in Adulthood and Old Age. Weinstein, M, Lane, M, ed., *Sociality, Hierarchy, Health: Comparative Biodemography*, *National Academies Press*, Washington DC. *c

Kelly Bedard

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² This appendix reports all publications by Center Associates in 2014 and 2015, plus all accepted, forthcoming items. This follows last year's format, thus allowing for comparability of research output over time.

*Item is listed more than once in this report, since it has multiple Broom authors.

A - peer-reviewed article, B - book, C - chapter in edited volume, O - other

Susan Cassels

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Maria Charles

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Charness, Gary and Arthur Schram. Forthcoming. Inducing Norms in Laboratory Allocation Choices. *Management Science*. A

Charness, Gary and Valentin Shmido. Forthcoming. Trust and Reciprocity. *Foundations and Trends in Microeconomics*. O

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Aashish Mehta

Mehta, Aashish and Alison Brysk. Forthcoming. Do rights at home boost rights abroad? Sexual equality and humanitarian foreign policy. *Journal of Peace Research*. A

Kevin Mwenda

David López-Carr, Kevin M. Mwenda, Narcisa G. Pricope, Phaeton C. Kyriakidis, Marta M. Jankowska, John Weeks, Chris Funk, Gregory Husak, and Joel Michaelsen. In Press. A spatial statistical analysis of climate-related child malnutrition in the lake victoria basin. *Proceedings of the 2015 International Geoscience and Remote Sensing Symposium (IGARSS)*. July 26-31. Milan, Italy. * A

K. Mwenda, P. Kyriakidis, D. López-Carr 2015. Exploring HIV prevalence estimates using fine-scale population estimates: Evidence from three Tanzanian districts. *Plurimondi. An International Forum for Research and Debate on Human Settlements*. Vol 7, No 15: Special Issue: *Proceedings of The XIX European Colloquium in Theoretical and Quantitative Geography (ECTQG2015)* (Article pre-print). Vol 7, No 15: 1-8. * A

Paulina Oliva

Oliva, Paulina. Forthcoming. Does the Effect of Pollution on Infant Mortality Differ Between Developing and Developed Countries? Evidence from Mexico City, with Rema Hanna and Eva Arceo. *The Economic Journal*. A

Oliva, Paulina. 2015. Environmental Regulation and Corruption: Automobile Emissions in Mexico City. *Journal of Political Economy*, 123.3: 686-724. A

Oliva, Paulina. 2015. The Effect of Pollution on Labor Supply: Evidence from a Natural Experiment in Mexico City, with Rema Hanna. *Journal of Public Economics*, 122: 65-79. A

Oliva, Paulina. 2015. Moving up the Energy Ladder: The Effect of an Increase in Economic Well-being on the Fuel Consumption Choices of the Poor in India, with Rema Hanna, *American Economic Review P&P*, 105.5: 242-246. A

Eva Padilla

Yeo, R., Pommy, J., & Padilla, E. A. 2014. Strategic choices vs. maladaptive development [Peer commentary on An Evolutionary Life History Framework for Psychopathology by M. Del Giudice]. *Psychological Inquiry*. A

Anne Pisor

Fessler, D.M.T, Pisor, A.C., & Navarrete, C.D. 2014. Negatively-biased credulity and the cultural evolution of beliefs. *PLoS ONE* 9(4): e95167. A

Victor Rios

Rios, V.M. Forthcoming. *Missing Fire: Gangs Across Institutional Settings*. University of Chicago Press. B

Rios, V.M. and Galicia, Mario. Forthcoming. Smoking Guns or Smoke & Mirrors?: Schools and the Policing of Latino Boys. *Association of Mexican American Educators Journal*. A

Rios, V. M. Forthcoming. *The consequences of the criminal justice pipeline on Black and Latino masculinity*. (Reprint) In Routledge Major Works Collection: Critical Criminology . o

Rios, V.M. and Guzman, Melissa. Forthcoming. Latino Youth and Criminal Justice. In Morin, Jose Luis *Latinas/os and Criminal Justice: An Encyclopedia*. Santa Barbara, CA: ABC-CLIO. o

Maya Rossin-Slater

Rossin-Slater, Maya. 2015. Promoting Health in Early Childhood. *Future of Children*, 25(2): 35-64. A

Rossin-Slater, Maya and Janet Currie. 2015. Early-life Origins of Lifecycle Wellbeing: Research and Policy Implications. *Journal of Policy Analysis and Management*, 34(1): 208-242. A

Heather Royer

Royer, Heather and Allison Witman. 2014. Intergenerational Effects on Health - In Utero and Early Life for the *Encyclopedia of Health Economics* produced by Elsevier. o

Stuart Sweeney

Sweeney, S. and M. Gomez-Antonio. In Press. Localization and industry clustering econometrics: An assessment of Gibbs models for spatial point processes. *Journal of Regional Science*. A

Davenport, F., D. Steigerwald, and S. Sweeney. In Press. Open trade, price supports, and regional price behavior in Mexican maize markets. *Journal of Economic Geography*. A

Niblett, M., S. Sweeney, R. Church, and K. Barber. 2015. Structure of fisher (*Martes pennanti*) habitat in a managed forest in an interior Northern California coast range. *Forest Science*. 61(3), 481-493. A

Eakin, H., K. Appendini, S. Sweeney, and H. Perales. 2015. Correlates of land use and livelihood change among maize farming households in Mexico. *World Development*. 70, 78-91. A

Eakin, H., H. Perales, K. Appendini, and S. Sweeney. 2014. Selling Maize in Mexico: The Persistence of Peasant Farming in an Era of Global Markets. *Development and Change*. 45(1), 133-155. A

Lerner, A., S. Sweeney, and H. Eakin. 2014. Growing buildings in corn fields: Urban expansion and the persistence of maize in the Toluca Metropolitan Area, Mexico. *Urban Studies* 51(10), 2185-2201. A

Eakin, H., C. Bausch, and S. Sweeney. 2014. Agrarian Winners of Neoliberal Reform: The 'Maize Boom' of Sinaloa, Mexico. *Journal of Agrarian Change* 14 (1), 26–51. A

Grace, K. and S. Sweeney. 2014. Pathways to marriage and cohabitation in Central America. *Demographic Research* 30 (6), 187–226. A

Verta Taylor

Ghaziani, Amin, Verta Taylor, and Amy Stone. Forthcoming. LGBT Movements. *Annual Review of Sociology*. A

Miller, Shaeleya D., Verta Taylor, and Leila J. Rupp. Forthcoming. Social Movements and the Construction of Queer Identity. Forthcoming in *New Directions in Identity Theory and Research*, edited by Jan Stets and Richard Sherpe. New York: Oxford University Press. C

Wuff, Stephen, Mary Bernstein, and Verta Taylor. Forthcoming. New Theoretical Directions from the Study of Gender and Sexuality Movements: Collective Identity, Multi-institutional Politics, and Emotions. *Oxford Handbook of Social Movements*, edited by Donatella della Porta and Mario Diani (New York/Oxford: Oxford University Press). C

Miller, Shaeleya D. and Verta Taylor. 2015. Beneath the Sequins: Drag Identity in the LGBT Community. In *International Encyclopedia of Social and Behavioral Sciences*, ed. James Wright. London: Elsevier Ltd. O

Rupp, Leila J., Verta Taylor, and Shaeleya D. Miller. 2014. Queer Women on Campus: Sexual Fluidity as Identity, In *Introducing the New Sexuality Studies*, edited by Steven Seidman and Nancy Fisher. New York: Taylor and Francis. C

Taylor, Verta. 2014. Preface to *Sexual Fields: Toward a Sociology of Collective Sexual Life* edited by Adam Isaiah Green. Chicago: University of Chicago Press, pp. xiii-xv. c

Stets, Jan, Peter Burke, Kay Deux, Jill Keilcolt, Bert Klandermans, Richard Sherpe, Sheldon Stryker, Verta Taylor, and Nancy Whittier. 2014. *Identity Module of the 2014 General Social Survey*. National Opinion Research Center. o

Taylor, Verta and Leila J. Rupp. 2014. Are we still queer even though we're married? *Contexts: Understanding People in their Social Worlds* 13 (2): 83-87.

Rupp, Leila J., Verta Taylor, Shiri Regev-Messalem, Alison Fogarty and Paula England. 2014. Queer Women in the Hookup Scene: Beyond the Closet? *Gender & Society* 2 (2): 212-235. A

Sarah Thébaud

Thébaud, Sarah. 2015. Forthcoming (Published online). Business as Plan B? Institutional Foundations of Gender Inequality in Entrepreneurship across 24 Industrialized Countries. *Administrative Science Quarterly*. A

Thébaud, Sarah. 2015. Forthcoming (Published online). Status Beliefs and the Spirit of Capitalism: Accounting for Gender Biases in Entrepreneurship and Innovation. *Social Forces*. A

Pedulla, David S. and Sarah Thébaud (equal authorship). 2015. Can We Finish the Revolution? Gender, Work-Family Ideals, and Institutional Constraint. *American Sociological Review*. A

Thébaud, Sarah. 2014. Review of *Into the fire: Disaster and the Remaking of Gender* By Shelley Pacholok. University of Toronto Press. 2013. *American Journal of Sociology* 119 (6). A

Benjamin Trumble

Stieglitz J, Trumble BC, Emery Thompson M, Blackwell A, Kaplan H, Gurven M. In Press. Depression as sickness behavior? A test of the host defense hypothesis in a high pathogen population. *Brain, Behavior, and Immunity*. * A

Stieglitz, J., Jaeggi, A., Blackwell, A., Trumble, BC., Gurven, M., and Kaplan, H. In Press. Work to live and live to work: Productivity, transfers, and psychological well-being in adulthood and old age. In: Weinstein, M., and Lane, M. (eds.). *Advances in bio-demography: cross-species comparisons of social environments and social behaviors, and their effects on health and longevity*. National Academy Press* c

Trumble BC, Eid Rodriguez D, Cortez Linares E, Kaplan H, Gurven M. 2015. Challenging the inevitability of age-related prostate enlargement: low levels of benign hyperplasia among Bolivian Amerindians. *Journal of Gerontology: Medical Sciences*. A

Jaeggi AJ, Trumble BC, Kaplan H, Gurven M. 2015. Salivary oxytocin increases concurrent with testosterone and time away from home among returning Tsimane' hunters. *Biology Letters*. A

Snipes SA, Hayes-Constant TK, Trumble BC, Goodreau SM, Morrison DM, Shell-Duncan B, Pelman RS, O'Connor KA. 2015. Masculine perspectives about family and work concurrently promote and inhibit men's health behaviors. *International Journal of Men's Health*. A

Stieglitz J, Madimenos F, Beheim B, Trumble BC, Gurven M, Kaplan, H. 2014. Low mineral density of a weight-bearing bone among adult women in a high fertility population. *American Journal of Physical Anthropology*. * A

Trumble BC, Stieglitz J, Emery Thompson M, Fuerstenberg E, Kaplan H, Gurven M. 2014. Testosterone and male cognitive performance in Tsimane forager-horticulturalists. *American Journal of Human Biology*. A

Von Rueden C, Trumble BC, Blackwell AD, Stieglitz J, Kaplan H, Gurven M. 2014. Political influence in an egalitarian society associates with lower cortisol but not lower disease burden. *Evolution Medicine and Public Health*. A

Trumble BC, Smith EA, O'Connor KA, Kaplan HS, Gurven MD. 2014. Successful hunting increases testosterone and cortisol in a subsistence population. *Proceedings of the Royal Society B*, 281:20132876. * A

Katalyn Voss

Richey, A. S., Thomas, B. F., Lo, M.-H., Reager, J. T., Famiglietti, J. S., Voss, K., Swenson, S. and Rodell, M. 2015. Quantifying renewable groundwater stress with GRACE. *Water Resour*. Accepted Author Manuscript. doi:10.1002/2015WR017349. A

John Weeks

Weeks, John R. Demography is an Inherently Spatial Science, in Frank M. Howell, Jeremy R. Porter, and Stephen A. Matthews. In press. *Recapturing Space: New Middle-Range Theory In Spatial Demography*. Dordrecht, The Netherlands: Springer. c

David López-Carr, Kevin M. Mwenda, Narcisa G. Pricope, Phaeton C. Kyriakidis, Marta M. Jankowska, John Weeks, Chris Funk, Gregory Husak, and Joel Michaelsen. In Press. A spatial statistical analysis of climate-related child malnutrition in the lake victoria basin. *Proceedings of the 2015 International Geoscience and Remote Sensing Symposium (IGARSS)*. July 26-31. Milan, Italy. * A

Weeks, John R. 2015. Population: Introduction to Concepts and Issues. *Twelfth Edition* (Boston, MA: Cengage Learning). B

Gregory B. Weeks and John R. Weeks. 2015. The Train Has Left the Station: Latino Aging in the New South. Chapter 4 in W.A. Vega, K.S. Markides, J.L. Angel, and F.M. Torres-Gil, F.M., editors, *Challenges of Latino Aging in the Americas* (Dordrecht: Springer). c

Marta M. Jankowska, Justin Stoler, Caetlin Ofiesh, David Rain, and John R. Weeks. 2015. Agency, Access, and Anopheles: Neighborhood health perceptions and the implications for community health interventions in Accra, Ghana. *Global Health Action*, 8(<http://dx.doi.org/10.3402/gha.v8.26492>). A

Anna Carla Lopez-Carr, David Lopez-Carr, Laura Grant, and John R. Weeks. 2015. Using Spatial, Hierarchical, and Econometric Models in Urban Data-poor Areas to Examine Food Security. *Plurimondi. An International Forum for Research and Debate on Human Settlements*, 7(15). A

M. Benza, JR Weeks, DA Stow, KC Clarke, D, López-Carr. 2015. Fertility and Urban Context: A Case Study from West Africa Using Remotely Sensed Imagery and GIS. *Papers of the 2012 Population Association of America Annual Conference*. May 3-5, San Diego, CA <http://paa2015.princeton.edu/uploads/152495>. o

Ryan Engstrom, Avery Sandborn, Yu Qin, Jason Burgdorfer, Douglas Stow, John Weeks, and Jordan Graesser. 2015. Mapping slums using spatial features in Accra, Ghana. Joint Urban Remote Sensing Event (JURSE), Lausanne, Switzerland, 2015: <http://dx.doi.org/10.1109/JURSE.2015.7120494>. o

Weeks, John R. 2014. History and Future of World Population, Chapter 2 in Deborah McFarlane, Editor, *Global Population and Reproductive Health* (Sudbury, MA: Jones & Bartlett Learning). c

Weeks, John R. 2014. Population Theories and Dynamics, Chapter 5 in Deborah McFarlane, Editor, *Global Population and Reproductive Health* (Sudbury, MA: Jones & Bartlett Learning). c

John R. Weeks. 2014. Population Theories and Dynamics. Chapter 5 in Deborah McFarlane, Editor, *Global Population and Reproductive Health* (Sudbury, MA: Jones & Bartlett Learning). c

John R. Weeks. 2014. Demographic Transition Theory,” and “Malthus, Thomas. in George Ritzer, ed., *The Wiley Blackwell Encyclopedia of Sociology*, 2nd Edition (Oxford, UK: Wiley Blackwell Publishing Co.). o

John R. Weeks. 2014. The World Can't Support Its Current Population Without Inequality and Poverty. In *World Geography: Understanding a Changing World* (<http://worldgeography2.abc-clio.com/>). o

Catherine Weinberger

Weinberger, C. Forthcoming. Engineering Educational Opportunity: Impacts of 1970s and 1980s Policies to Increase the Share of Black College Graduates with Major in Engineering or Computer Science. *U.S. Engineering in the Global Economy*, edited by Richard Freeman and Hal Salzman, National Bureau of Economic Research/University of Chicago Press. c

Weinberger, C. 2014. The Increasing Complementarity between Cognitive and Social Skills. *Review of Economics and Statistics*. A

Weinberger, C. 2014. Are There Racial Gaps in High School Leadership Opportunities? Do Academics Matter More? in the *Review of Black Political Economy*. A

Howard Winant

Winant, Howard. Forthcoming. The Dark Matter: Race and Racism in the 21st-Century. *Critical Sociology*. A

Winant, Howard. Forthcoming. Foreword to John S.W. Park and Shannon Gleeson, eds. *The Nation and Its Peoples: Citizens, Denizens, Migrants*, a New Racial Studies series book. New York: Routledge. c

Appendix 2

Active Funding³

Rich Appelbaum

National Science Foundation funded UCSB Center for Nanotechnology in Society. 2006-2016. Co-Principal Investigator. \$12 million approximately.

Aaron Blackwell

Hellman Family Foundation Award. 2014. Validation of Field Friendly Methods for Measuring Immune Function. \$29,100.

UCSB Faculty Career Development Award. 2014.

Susan Cassels

Center for AIDS Research. 2013-2018. NIH/NIAID P30 AI27757. Co-investigator; Role: Core faculty in Sociobehavioral and Prevention Research Group.

UW Center for AIDS Research (P30 AI27757) New Investigator Award. 2013-2015. HIV and residential mobility among men who have sex with men over the lifecourse. Principal Investigator. \$108,805.

Maria Charles

National Science Foundation. 2010-2014. Who Likes Math? International Trends among Eighth-Grade Boys and Girls. \$132,335.

Russell Sage Foundation. 2012-2014. Who Cares: Intergenerational Transmission and Determinants of Working in Care Occupations (with Paula England). \$60,000.

Gary Charness

Science of Philanthropy Initiative. 2014. \$61,269

Jessica Cornick

Psychology Department Training in Applied Statistics Grant. 2015. \$1,350.

³ Includes all grants active during 2014 or 2015.

Olivier Deschenes

National Institutes of Health / National Institute of Environmental Health Sciences, Grant number R21ES019375. Using Medication Purchases to Measure the Health Consequences of Air Pollution (with M. Greenstone and J. Shapiro). \$334,951.

Kathryn Grace

UC Center for New Racial Studies. 2013-14. Central American fertility in Los Angeles translation: Informing statistical models with qualitative context. (co-PI). \$12,000.

NASA Research Opportunities in Space and Earth Sciences. 2012-2015. Examining the Links Between Agriculture and Human Health in a Context of Climate Change: A Case Study of Three West African Countries - Niger, Burkina Faso and Mali. (with Co-I Greg Husak). \$274,000.

United States Geological Service. 2012-2018. Using Very High Resolution Remotely Sensed Data to Measure Cultivated Area and Land Use in High Fertility Countries. \$178,000.

Michael Gurven

National Institutes of Health/National Institute on Aging. Administrative Supplement. 2015. (joint-PIs: Michael Gurven & Hillard Kaplan). \$108,360

National Institutes of Health/National Institute on Aging. Administrative Supplement. 2014. (joint-PIs: Michael Gurven & Hillard Kaplan). \$15,000

National Science Foundation RAPID Grant. 2014. Surviving the flood: vulnerability, risk management and resilience after a natural disaster. (PI: Michael Gurven, co-PI: Benjamin Trumble). \$126,000.

National Institutes of Health/National Institute on Aging. 2012-2015. R01, Cardiovascular and renal aging among Tsimane forager-horticulturalists. (joint-PIs: Michael Gurven & Hillard Kaplan). \$1,600,000.

National Institutes of Health/National Institute on Aging. 2011-2015. R01, Immune Function over the Life Course among Forager-Horticulturalists. (joint-PIs: Michael Gurven & Hillard Kaplan). \$1,906,000.

National Institutes of Health/NIA, R01, 2010-2016. The Human Life Course and the Biodemography of Aging (Joint PI: Gurven, Kaplan). \$1,250,000.

Peter Kuhn

National Natural Science Foundation of China. 2013-2015. Impacts of Hukou, Education and Wage on Job Search and Match: Evidence Based on Online Job Board Microdata, (co-investigator with Kailing Shen, PI, grant No. 71203188. RMB 190,000 (USD \$31,000).

David Lopez-Carr

National Aeronautics and Space Administration (NASA) Earth System Science Fellowship. 2014-2017. Climate-induced Natural Hazards in the Central Himalaya: Evaluating Rain-on-Snow Flooding Events with Implications for Water Management. PI: D.L. Carr. \$90,000.

National Science Foundation. 2013-2015. Dynamics of Coupled Natural and Human Systems - Exploratory (CNH-Ex 075746271): *Quantifying linkages among land-use policies, agricultural intensification, habitat fragmentation and social-ecological resilience in a tropical biological corridor*. PI: Lisette P Waits; co-PIs and co-Is: Nilsa A Bosque-Perez, Leontina Hormel, Lee Vierling; Collaborating Investigators: Bryan Finegan, Fabrice DeClerck, Fernando Casanoves, David López-Carr. \$248,733.

National Science Foundation. 2012-2018. Long Term Ecological Research Santa Barbara Coastal LTER: PIs D.R.. Reed, S. Holbrook, J. Melack, D. Siegel; co-I D. López-Carr et al. \$4,200,000.

National Aeronautics and Space Administration (NASA) Land Use/Cover Change Grant (LULCC). 2012-2015. The Urban Transition in Ghana and Its Relation to Land Cover and Land Use Change Through Analysis of Multi-scale and Multi-temporal Satellite Image Data. PI: Doug Stow; co-PIs: David López-Carr, John Weeks, Li An. \$993,000.

National Oceanic and Atmospheric Administration (NOAA). 2011-2014. Climate Scene Investigators (CSI)-Transitions Program Grant: A Global Standardized Precipitation Index Supporting the US Drought Portal and the Famine Early Warning System Network. PI: Chris Funk; co-PIs: Greg Husak, David López-Carr, Joel Michaelson, Michael Brewer (NESDIS/NCDC). \$297,960.

National Science Foundation Dynamics of Coupled Natural and Human Systems (CNH). Healthy Ecosystems, Healthy People: The Coupled Human Health and Environmental Dynamics of Schistosomiasis in Sub-Saharan Africa. Co-PI. \$1,499,897.

Shelly Lundberg

National Institute on Aging. 2013-2018. Add Health Parent Study: Phase I. V. (Co-investigator), Joseph Hotz and Kathleen Mullan Harris (PIs). R01 AG042794-02. \$7,000,000.

Brenda Major

National Institute of Health. 2014- 2016. Research Supplement to Promote Diversity in Health-Related Research for Graduate Research Assistants. PI. \$86,000.

National Institute of Health. 2013 –2016. Psychological, Physiological, and Behavioral Effects of Weight Stigma. P.I. \$1,759,000.

National Institutes of Health. 2013-2016. Psychological, physiological, and behavioral effects of weight stigma. P.I. \$1,893,033.

National Science Foundation. 2011-2015. Collaborative research: Diversity structures create illusions of fairness. Co-P.I. \$269,267.

UCSB Academic Senate Grant, Testing interventions to alleviate weight stigma effects. \$5,200.

UCSB College of Letters and Science, Office of the Executive Dean. Proposal for Conference on Current Directions in the Science of Human Resilience. \$2,500.

Jessica Marter-Kenyon

Society of Women Geographers. 2014-2015. Pruitt National Dissertation Fellowship. \$12,000

Aashish Mehta

Mapping the Global Race for National Security Technologies. 2013-2014. Institute on Global Conflict and Cooperation (Co-grantee with Luciano Kay). \$11,000.

Social Science Research Grant Program. 2013-2014. How interconnected are global labor markets? \$8,000.

Alexandra Ornelas

Ford Foundation. 2013-2016. Predoctoral Fellowship \$60,000

Lumari Pardo-Rodriguez

Special Fellowship in the STEM Disciplines fellowship from UCSB Graduate Division. 2015-16.

Graduate Opportunity Fellowship (GOF) for academic year 2014-15.

Asia Pacific Population Institute (South Korea) Summer 2014 Graduate Student Travel Award.

Anne Pisor

UCSB Department of Anthropology Graduate Student Research Grant, 2015. \$8,250.

National Science Foundation. 2014. Doctoral Dissertation Research Improvement Grant #1357209. \$12,102.

Wenner-Gren Foundation. 2014. Dissertation Fieldwork Grant. \$12,128.

Victor Rios

William T. Grant Foundation. 2011-2014. Investigator Initiated Grant. \$305,000.

Maya Rossin-Slater

National Science Foundation. 2015-2018. Early Childhood Environment and Adult Labor Market Outcomes: Evidence from U.S. Administrative Data. Co-PI, with Reed Walker. \$453,336.

Hellman Family Faculty Fellowship, 2015-2016. Joint Custody and Family Outcomes. \$24,318.

Pearl Chase Grant for Local Community Development, Conservation, or Historic Preservation Research Projects. 2015-2016. "Lessons on Cost Containment from California's WIC Vendor Market." Co-PI, with Kelly Bedard and Heather Royer. \$7,200.

UC Santa Barbara Faculty Research Grant. 2015. Joint Custody and Family Outcomes. \$5,000.

The Danish Council for Independent Research, Social Sciences. 2014-2016. Research Grant. Complementarities in Investments and Long-Run Returns: Evidence from Historical Records and Administrative Data, Collaborator, with Miriam Wüst (PI), Torben Heien Nielsen, and Peter Dam. \$298,000 (1,640,572 DKK)

Department of Labor Grant. 2014-2016. Special Analyses on the Effects of Paid Leave Policies (Contract No. DOL-OPS-14-C-0003), Sub-contract from L&M Policy Research: \$77,050. Co-PI, with Ann Bartel, Charles Baum, Jane Waldfogel (PI), and Christopher Ruhm.

UC Santa Barbara Regents. 2014. Junior Faculty Fellowship. \$7,500.

Heather Royer

National Institute of Health. 2012-2017. R01 for Community Care for All? Health Centers' Impact on Access to Care and Health. (with Martha Bailey (PI) and Mireille Jacobson). \$1,600,000.

Robert Wood Johnson Foundation. 2012-2014. Improving the Structure of Financial Incentives for Exercise: Insights from Behavioral Economics. (with Mark Stehr and Justin Sydnor). \$100,000.

National Institutes of Health. 2012-2014. Commitment Contracts for Health-Behavior Change. (with Mark Stehr and Justin Sydnor). \$447,000.

Anna Sorensen

Beth B. Hess Memorial Scholarship. 2013-2014. Sociologists for the Study of Women in Society (SWS). \$15,000.

Flacks Fund for the Study of Democratic Possibilities. 2013-2014. UC Santa Barbara. \$1,350.

Stuart Sweeney

UC Center for New Racial Studies (PI). 2013-14. Central American fertility in Los Angeles translation: Informing statistical models with qualitative context. \$12,000

Verta Taylor

Academic Senate Grant, University of California Santa Barbara. 2013-2014. As Goes California, So Goes the Nation? The Marriage Equality Movement: A Study of Reactive Mobilization. \$4,991.

Ben Trumble

National Science Foundation. 2014. RAPID: Surviving the Flood: Vulnerability, Risk Management, and Resilience after a Natural Disaster. Co-PI with Michael Gurven, BCS-1440212. \$126,000.

John Weeks

National Aeronautics and Space Administration (NASA) Land Use/Cover Change Grant (LULCC). 2012-2015. The Urban Transition in Ghana and Its Relation to Land Cover and Land Use Change Through Analysis of Multi-scale and Multi-temporal Satellite Image Data. PI: Doug Stow; co-PIs: David López-Carr, John Weeks, Li An. \$993,000.

Katalyn Voss

National Science Foundation Graduate Research Fellowship Program. 2014-2017. Successful Community-Based Water Adaptation: Finding Solutions through Coupled Human-Environment Research in Nepal. \$96,000.

Catherine Weinberger

National Science Foundation Science of Science and Innovation Policy Program. 2012-2014. A Pilot Study of Career Dynamics in the Science and Engineering Workforce. Social, Behavioral and Economics Directorate. \$100,467.

Howard Winant

University of California Office of the President (UCOP) Grant. 2010-2015. University of California Center for New Racial Studies, a MultiCampus Research Program Initiative. PI. \$1,720,801.

Appendix 3

Recognition and service

Rich Appelbaum

MacArthur Chair in Sociology and Global & International Studies, (2010-2015)

Planning committee member, The Eleos Foundation, a local foundation whose mission statement reads: Catalyzing capital in the fight to eradicate extreme poverty with compassion and effectiveness. (2008-present)

Founder and Secretary, Board of Directors, Chad Relief Foundation, a local foundation that provides relief and development efforts to refugees from the Central African Republic, Gore region, South Chad (2007- present)

Editorial Board, *Contemporary Politics* (2007- present)

Co-PI and Executive Committee Member, Center for Nanotechnology in Society (2006- present)

Hong Kong-based NGO focused on labor conditions in China (2006- present)

Member, University of California Advisory Committee on Trademark Licensing, UC Office of the President (2004 - present)

Chair, Advisory Council, National Worker Rights Consortium (2004- present)
SB-CORE, President (2004 - present)

Maria Charles

Executive Advisory Board, 2011-2015. NSF ADVANCE PAID-Research, Divergent Trajectories: A Longitudinal Study of Organizational and Departmental Factors Leading to Gender and Race Differences in STEM Faculty Advancement, Pay, and Persistence.

Consulting Editor and Board Member, *Research on Social Stratification and Mobility* (2010- present).

Executive Advisory Board, UCSD Center for Research on Gender in the Professions (2010- present).

Editorial Board. *American Sociological Review* (2011-2014).

Gary Charness

Winner, Exeter Prize for Research in Experimental Economics, Decision Theory and Behavioral Economics.

Editorial Board, *Review of Behavioral Economics*. (2013 - present).

Visiting Professor, Southwestern University of Finance and Economics, Chengdu, Sichuan, China, December. (2012 - present).

Associate Editor, *Journal of the European Economic Association*. (2011- present)

Member, IZA, Bonn, November. (2011 - present)

Advisory Editor, *Games and Economic Behavior*. (2011 - present).

Ad-Hoc Editor, *American Economic Journals – Micro*. (2011 - present).

Member, CESifo, Munich, December. (2010 - present).

Associate Editor, *Management Science*. (2009 - present).

Director, Experimental and Behavioral Economics Laboratory, September. (2007 - present).

Editorial Board, *Experimental Economics*. (2006 - present).

Editorial Board, *American Economic Review*. (2006 - present).

Editorial Board, *Journal of Economic Behavior and Organization*. (2005 - present).

Jessica Cornick

2015. Contribution to Excellence in Teaching Award.

Frank Davenport

2014 Sole Finalist for Charles M. Tiebout Prize in Regional Science: Awarded for my dissertation paper: 'Estimating Standard Errors in Spatial Panel Models with Time Varying Spatial Correlation'.

Noah Friedkin

Editorial Board, *Journal of Mathematical Sociology*. (2001- present).

Harrison White Outstanding Book Award, *Social Influence Network Theory*.

Steven Gaulin

Academic Senate Distinguished Teacher 2014-2015.

CoEditor-in-Chief, *Evolution and Human Behavior* (Elsevier). (2002 - present).

Michael Gurven

Member, National Science Foundation, Cultural Anthropology, Doctoral Dissertation Grant Review Committee. (2009-present).

Health consultant for Tsimane Government (*Asesor de Salud, Gran Consejo Tsimane*) (2009-present).

Unit Chair, Integrative Anthropological Sciences (IAS), UCSB. (2008-present.)

Associate Editor, *Evolution and Human Behavior* (Elsevier). (2007-present).

Affiliate, Latin American and Iberian Studies Department (2003-present).

Director, Tsimane Health and Life History Project. (2002-present).

Deborah Hobden

Graduate Division Dissertation Fellowship for Fall 2014.

Heather Hurwitz

Recipient of the UCSB Dissertation Fellowship for Fall 2014

Elizabeth Kennedy

Fulbright Student Award to El Salvador. (2013 - 2014)

Peter Kuhn

Editorial Board Member, *AEJ: Applied Economics*. (2013- present).

Associate Editor, *IZA World of Labor*. (2013- present).

Associate Editor, *IZA Journal of Labor Economics*. (2012- present).

Associate Editor, *Industrial and Labor Relations Review*. (2011- present)

Advisory Board Member, Canadian Labour Market and Skills Research Network (CLSRN). (2011- present)

Founding Director, Broom Center for Demography, UCSB. (2011- present).

Visiting Senior Fellow, Institute for the Study of Labor (IZA) Bonn, Germany. (2010- present).

Advisory Board Member, Experimental and Behavioral Economics Lab (EBEL), UCSB. (2007- present).

Fellow, Center for the Study of Poverty and Inequality (Stanford University). (2006- present).

Research Associate, National Bureau of Economic Research (Cambridge, MA). (2005- present).

Advisory Board Member, UCSB/Penn State GIS Population Science Program. (2004- present).

Associate Editor, *Labour Economics*. (2004- present).

Research Fellow, CESifo Research Network, Munich. (2000- present).

Research Fellow, Institute for the Study of Labor (IZA) Bonn. (1999 - present).

David Lopez-Carr

2013 Kavli Fellow. National Academy of Sciences, Kavli Frontiers of Science (2013). One of 20-30 scholars selected annually to present research on current topics at the frontier of science. (The only geographer or social scientist selected in the 2013 cohort).

Director, Latin American and Iberian Studies. UCSB. (2012- present).

Chair, Faculty Senate Committee on Diversity and Equity, UCSB. (2012- present).

Advisory Board Member, World Geography Editorial Management, ABC-CLIO Academic Publishers. (2011-present).

Core Faculty, Spatial Science minor, UCSB. (2010- present).

Affiliate Faculty, Global and International Studies, UCSB. (2010- present).

Research Associate, Center for Comparative Immigration Studies (CCIS) at University of California, San Diego. (2010- present).

Research Associate, UC Center for U.S.-Mexican Studies (USMEX). (2009- present).

Adjunct Faculty, Department of Geography, San Diego State University. (2008- present).

Steering Committee Member. International Geographical Union Land Use/Cover Change (LUCC) Commission. (2008-present).

Associate Editor. *Population and Environment*. Springer. (2008-present).

Editorial Board Member. *Journal of International and Global Studies*. Lindenwood University Press. (2008-present).

Affiliate Faculty, Interdisciplinary Program in Marine Sciences, UCSB. (2007- present).

Associate Investigator, Santa Barbara Channel (SBC) and Moorea Coral Reef (MCR) Long Term Ecological Research Network (LTER). (2007-present).

Affiliate Faculty, Latin American and Iberian Studies, UCSB. (2006- present).

Shelly Lundberg

Doctorate Honoris Causa, University of Bergen, (2012 - present).

Associate Editor, *IZA World of Labor*, (2012- present).

Associate Director, Broom Center for Demography, (2011-present).

Fellow, Society of Labor Economists, (2008-present).

Board of Editors, *American Economic Review*, (2007- present).

Associate Editor, *Journal of Population Economics*, (2006- present).

International Collaborator, Canadian Labour Market and Skills Research Network, (2006-present).

Research Fellow, IZA, (2004-present).

Editorial Board, *Journal of Family and Economic Issues*, (2004- present).

Board of Editors, *Review of Economics of the Household*, (2001- present).

Brenda Major

Editorial Board, *Psychological Review* (2010- present).

Editorial Board, *Social Justice Research*, (2003- present).

Jessica Marter-Kenyon

Managing Editor for the *Journal of Environment and Development*. 2014.

Aashish Mehta

Consultant – Education and Structural Transformation – Asian Development Bank (2012-Present)

Senior Collaborator – Center for Nanotechnology and Society, UCSB (2010-Present)

Victor Rios

2014 Honorable Mention for the Eduardo Bonilla-Silva Book Award, Society for the Study of Social Problems.

2014 Senior Fellow, Yale University Urban Ethnography Project.

Present Editorial Board Member, *Contexts*, *American Sociological Association*. (2011- present).

Committee Member, American Sociological Association, Committee on Racial and Ethnic Minorities (2010 - present).

Advisory Board Chair, Chicano Studies Institute UCSB. (2010 - present).

Advisory Board Member, Center for Black Studies UCSB. (2009 - present).

Editorial Board Member, *Aztlan: A Journal of Chicano Studies*. (2008 - present).

Committee Member, *Pacific Sociological Association*, Committee on Race and Ethnic Minorities. (2007 - present).

Racial Democracy, Crime and Justice Network Member, Ohio State University/National Science Foundation. (2007 - present).

Present Advisory Board Member, Kirwin Institute for the Study of Race and Ethnicity, Ohio State University, African American Male Project. (2006 - present).

Affiliated Faculty, Center for Culture, Immigration and Youth Violence Prevention University of California, Berkeley, Institute for the Study of Societal Issues. (2005 - present).

Heather Royer

Associate Editor, *Journal of Economic Behavior & Organization* (2011 - present).

Bing Health Scholar, RAND Corporation (2011 - present).

Faculty Research Fellow, National Bureau of Economic Research (2009 - present).

Stuart Sweeney

Director, Institute for Social, Behavioral, and Economic Research (2012 - present)

Advisory Board, UCSB Survey Center (2008 - present)

Editorial Board member, *Spatial Demography* (2011- present)

Verta Taylor

Member, Program Committee, 2015 Annual Meetings of the American Sociological Association

Editorial Board, *Social Psychology Quarterly* (2014-present)

Editorial Board, *Social Currents* (2012- present)

Editorial Board, *Sociological Forum* (2007-present)

Editorial Board, *Mobilization: An International Journal about Social Movements, Protest, and Collective Behavior* (1995-present)

Editorial Board, *Social Movement Studies* (2002-present)

Associate Editor, Series on Social Movements, Protest, and Societies in Contention, University of Minnesota Press (1992-present).

Member, Advisory Board, Consortium on Social Movement Studies, Dept. of Political and Social Sciences, European University, Florence, Italy.

Katalyn Voss

Attendee and NSF funding recipient of the American Meteorological Society Summer Policy Colloquium, Washington, D.C., June 1-10th, 2014.

John Weeks

Director, International Population Center, San Diego State University (2011 - present)

Member, University Student Learning Outcomes Assessment Committee, (2011-present).

Member, University Research Council, (2010-present).

Editorial Board, *Annals of the Association of American Geographers* (2010-2014).

Senior Fellow, California Council on Science and Technology (2008 - present)

Editorial Board, *GeoJournal* (2007 - present).

Clinical Professor of Global Public Health, School of Medicine, University of California, San Diego (1998 - present).

Editorial Board, *Journal of Immigrant Health* (1996 - present).

Nick Williams

Part of a "Biodiversity & Ecosystem Services" socio-environmental synthesis project funded by the U.S. National Socio-Environmental Synthesis Center, the Helmholtz Centre for Environmental Research, and the Synthesis Centre within the German Centre for Integrative Biodiversity Research Halle-Jena-Leipzig.

Howard Winant

Director, University of California Center for New Racial Studies (MultiCampus Research Program Initiative). (2009- present)

Adam Wright

Sarah D. Barder Fellowship from Johns Hopkins University. 2014.

Appendix 4

Examples of Media and Public Policy contributions, 2014-15

Aashish Mehta consulted with the Asian Development Bank on Social Safety Nets.

Richard Appelbaum served as Board member for the Child Rights and Protection Consultancy-International (CRPCI)

Cathy Weinberger's research on the role of bundles of cognitive and social skills in the U.S. workforce has been featured in the *Wall Street Journal*, *Forbes*, and the *Harvard Business Review*.

The National Science Foundation's *Discoveries* series featured Maria Charles's surprising finding that the gender gap in attitudes toward mathematics and mathematically-related jobs is significantly larger in advanced industrial societies than in developing economies.

A recent *Atlantic Monthly* article featured research by Broom Associates Maya Rossin-Slater and Jenna Stearns, showing that policies that make it easier for pregnant women to take time off work or scale back their duties, like the 1993 Family and Medical Leave Act, improve their babies' health.

Peter Kuhn conducted a presentation and question and answer session on "Internet Job Search: What is it, who does it, and what are its impacts" with France's National Employment Policy Council (COE-- *Conseil d'orientation pour l'emploi*). The COE is an independent advisory body on all employment issues attached to the French Prime minister.

Sarah Thebaud's finding that a majority of young men and women in the U.S. now prefer to share both work and domestic duties equally with their spouses was featured on *National Public Radio*.

The Tsimane Health and Life History Project, directed by Michael Gurven, collaborated with other organizations to coordinate delivery of much needed goods and services for up to two thousand Tsimane who were displaced by large scale flooding in their communities.

Maya Rossin-Slater's article on the effects of California's paid family leave program was cited in the *New York Times*; her article on the effects of access to the Special Supplemental Nutrition Program for Women, Infants, and Children (WIC) was discussed on the White House blog.

Michael Gurven and Benjamin Trumble's research on testosterone among Tsimane hunters was featured in the *Los Angeles Times Science* section, the *Telegraph*, and the *International Business Times*.

Appendix 5

Grants Awarded

by the Center's GSRT (Graduate Student Research and Training) Program

Jacqueline Banks

Geography

Travel and registration costs for the Inter-university Consortium for Political and Social Research (ICPSR) Summer Program at UC Berkeley.

Awarded \$1,800

Angela Garcia

Anthropology

Travel, lodging and research supplies for data collection in Utila, Honduras.

Awarded \$1,800

Corbin Hodges

Geography

Travel and fieldwork support while collecting data in Guatemala City, Mexico.

Awarded \$1,800

Karly Miller

Interdepartmental Graduate Program in Marine Science

Travel, lodging and fieldwork support (to assist with field census) for research in Columbia.

Awarded \$1,000

Jessica Marter-Kenyon

Geography

In-field ground transportation and costs of two research assistants/translators for data collection in Kigali, Rwanda.

Awarded \$1,800

Lumari Pardo-Rodriguez

Geography

Travel, lodging and research assistant for data collection in Lima, Peru.

Awarded \$1,800

Cascade Tuholsky

Geography

Lodging and food while doing field research in Bay Islands, Honduras.

Awarded \$1,000

Katalyn Voss

Geography

Travel and fieldwork support while collecting data in Kathmandu.

Awarded \$1,800

2015 Dean's ICPSR Grants***Jessica Cornick***

Psychological and Brain Sciences

Travel and registration costs for the Inter-university Consortium for Political and Social Research (ICPSR) Summer Program at UC Berkeley.

Awarded \$2,000

Alex Kulick

Sociology

Travel and registration costs for the Inter-university Consortium for Political and Social Research (ICPSR) Summer Program at UC Berkeley.

Awarded \$1,492

2015 PAA Travel Grants

To attend the 2015 Population Association of America (PAA) Conference in San Diego.

All Awarded \$400

Jacqueline Banks, Geography

Valerie Bostwick, Economics

Stefanie Fischer, Economics

Angela Garcia, Anthropology

Jessica Marter-Kenyon, Geography

Lisa McAllister Levenson, Anthropology

Kevin Mwenda, Geography

Anne Pisor, Anthropology

Christopher Severen, Economics

Jenna Stearns, Economics

Adam Wright, Economics

Note: All recipients are enrolled Ph.D. students at UCSB

Appendix 6

2014-2015 Seminar Schedule

Fall:

Monday October 6:

Aaron Blackwell (UC Santa Barbara, Anthropology)

"Effects of Parasitism on Fecundity and Life History in Human Females"

Host: Shelly Lundberg

Monday October 20:

Gillian Ice (Ohio, Biological Anthropology and Gerontology)

"On the balance of caregiving in the context of HIV: burden, benefit or neither?"

Host: Mike Gurven

Monday November 3:

James Smith (Rand, Labor Markets and Demographic Studies)

"Acquiring Human Capital through the Generations by Migration"

Host: Shelly Lundberg

Monday November 10:

Adrian Raftery (University of Washington, Statistics and Sociology)

"Probabilistic Population Projections for All Countries"

Hosts: Shelly Lundberg and Stuart Sweeney

Monday November 17:

Lori Hunter (University of Colorado at Boulder, Sociology)

"Migration-Environment Connections: Evidence from South Africa and Mexico"

Host: David Lopez-Carr

Monday December 8:

Pascaline Dupas (Stanford, Economics)

"Effectively Targeting Health Subsidies in sub-Saharan Africa: Evidence on Take-up and Delivery"

Host: Kelly Bedard

Winter:*Monday January 12:***Edward Telles** (Princeton, Sociology)

"Alternative Measures of Race and Educational Inequality in Eight Latin American Countries"

Host: Maria Charles

*Wednesday January 21:***David Lawson** (London School of Hygiene and Tropical Medicine)

"Is Polygyny a 'Harmful Cultural Practice' Marriage, Ethnicity, and Child Health in Northern Tanzania."

Host: Mike Gurven

*Monday January 26:***Corinne Low** (Wharton School, Penn, Business Economics and Public Policy)

"Pricing the Biological Clock: Reproductive Capital on the US Marriage Market."

Host: Peter Kuhn

*Monday February 9:***Steven Ruggles** (University of Minnesota, History)

"Marriage, Family Systems, and Economic Opportunity in the United States since 1850."

Host: Stuart Sweeney

*Monday, February 23:***Luis Rosero-Bixby** (UC Berkeley, Demography)

"The exceptionally high longevity in the region of Nicoya, Costa Rica"

Host: David Lopez-Carr

*Monday, March 9:***Jerry Jacobs** (University of Pennsylvania, Sociology)

"American's Views on the Employment of Mothers and Fathers: Lessons from a National Vignette Survey"

Host: Maria Charles

Spring:

Monday April 6:

Maya Rossin-Slater (UC Santa Barbara, Economics)

"Family Ruptures, Stress, and the Mental Health of the Next Generation"

Monday April 20:

Cedric Puleston (UC Davis, Anthropology)

"Feast, Famine and Feast Again: The Effects of Taxation and Food Storage on an Agrarian Population Under Malthusian Constraints"

Host: Mike Gurven

Monday May 18:

Lindsay Chase-Lansdale (Northwestern University, Human Development and Social Policy)

"Two-Generation Programs in the 21st Century"

Host: Shelly Lundberg

Monday June 1:

Melissa Emery Thompson (University of New Mexico, Anthropology)

"On Less Fertile Ground: Chimpanzee Life Histories in Context"

Host: Michael Gurven

Appendix 7

2014-2015 Lab Lunch Schedule

Fall 2014:

Monday October 13:

Methods lecture: **Olivier Deschenes** (UCSB, Economics) "Distinguishing causation from correlation using natural experiments and instrumental variables"

Monday December 1: Grad student talks

Megan Costa (U Penn, Demography, visiting Brown) "No Casualties of the Fertility Transition? Child Growth Consequences for Birth Orders Exceeding Ideal Family Size in a High Fertility Population"

Vedant Koppera (UCSB, Economics) "Has the Intergenerational Transmission of Education Risen in the U.S.?"

Winter 2015:

Monday February 2: Grad student talks

Corey White (UCSB, Economics) "Catching a Cold: The Dynamic Relationship between Temperature and Health"

Angela Garcia (UCSB, Anthropology) "Relativity of poverty: the signature of an individual's reference group on stress and health outcomes on the island of Utila, Honduras."

Monday March 2:

Methods lecture: **Olivier Deschenes** (UCSB, Economics) "Distinguishing causation from correlation using Regression, Matching, and Difference-in-Difference Methods"

Spring 2015:

Monday April 27: Grad student talks

Jenna Stearns (UCSB, Economics) "Long-Run Effects of Maternity Leave: Evidence from Great Britain"

Anne Pisor (UCSB, Anthropology) "Strategic affiliation with out-groups in lowland Bolivian horticulturalists: The role of present and past resource shortfalls."

Monday May 11: Grad student talks:

Melanie Martin (UCSB, Anthropology) "Are shorter exclusive breastfeeding durations among Tsimane Amerindians associated with maternal reproductive fitness and energetic trade-offs?"

Jessica Marter-Kenyon (UCSB, Geography) "Population Resettlement in an Era of Global Environmental Change: A Preliminary Analysis of Rwanda's National Imidigudu Policy"

Lab Lunches are informal, interdisciplinary Graduate Student seminars.

Appendix 8

2015 Workshop Agenda

Environmental and Economic Impacts on Human Demography

Broom Demography Center Workshop

Flying A Studio, UCen
University of California,
Santa Barbara
Monday May 3, 2015

Agenda

- 8:30-9:00: **Breakfast**
- 9:00-10:20: **Session 1 - Demography and the Economy** (30 min talks + 10 min discussion)
Chair: Shelly Lundberg (UCSB)
Francesco Billari (Oxford) "Employment and fertility during the Great Recession: evidence from Italy"
Aart Liefbroer (Netherlands Interdisciplinary Demographic Institute)
"Childhood disadvantage and demographic choices in young adulthood: A European perspective"
- 10:20-10:50: **Morning break**
- 10:50-12:10: **Session 2 – Inequality** Chair: Peter Kuhn (UCSB)
Michael White (Brown) "Developing Spatial Inequality in Africa."
John Ermisch (Oxford) "Social Mobility"
- 12:10-1:30: **Lunch, State Street Room, UCen**
- 1:30-2:50: **Session 3 – Environment** Chair: Susie Cassels (UCSB)
Fernando Riosmena (UC Boulder) "A reflection on the association between (precipitation) variability and US migration out of rural Mexico"
Francisca M Antman (UC Boulder) "For want of a cup: The rise of tea in England and the impact of water quality on economic development"

- 2:50-3:20: **Afternoon break**
- 3:20-4:00: **Session 4 – Population, Health, and Environment**
 Chair and Panel Moderator: David Lopez-Carr
Barbara Entwistle (UNC) “Data infrastructure for the 21st century: Challenges of fully integrating PHE”
- 4:00-5:20: **Panel Discussion of Research Frontiers in Population, Health and Environment**
 Susan Cassels (UCSB), Barbara Entwistle (UNC), Michael Gurven (UCSB), David Lopez-Carr (UCSB), Fernando Riosmena (UC Boulder)
- 5:30-6:30: **ISBER Reception** – Mosher Alumni House
- 7:00: **Conference Dinner** - Opal Restaurant (1325 State St., near the Arlington Theater in downtown Santa Barbara; use parking lot on the corner of Chapala and Victoria)

Guest List

Ryan Abman, UCSB
 Jacqueline Banks, UCSB
 Kelly Bedard, UCSB
 Valerie Bostwick, UCSB
 Conor Carney, UCSB
 Susan Cassels, UCSB
 Bastien Chabe-Ferret, UCLA
 Maria Charles, UCSB
 Jessica Cornick, UCSB
 Frank Davenport, UCSB
 Jacquie Dodd, UCSB
 Dan Ervin, UCSB
 Stefanie Fischer, UCSB
 Anabel Ford, UCSB
 Mike Gurven, UCSB
 Monica Haber, UCSB
 Heather Hurwitz, UCSB
 Peter Kuhn, UCSB
 David Lopez-Carr, UCSB
 Shelly Lundberg, UCSB

Jarl Mooyaart, Netherlands Interdisciplinary Demographic Institute

Claus Portner, Seattle University

Lucas Reddinger, UCSB

Craig Riddell, University of British Columbia

Maya Rossin-Slater, UCSB

Heather Royer, UCSB

Leah Ruppner, University of Melbourne

Chris Severen, UCSB

Jenna Stearns, UCSB

Maximilian Stiefel, UCSB

Sarah Thébaud, UCSB

Cascade Tuholske, UCSB

Jennifer Ward-Batts, Wayne State University

Cathy Weinberger, UCSB

Corey White, UCSB

Adam Wright, UCSB

Appendix 9

Broom Lab Methods Mini-Courses

Fall 2014

U.S. Census Data Acquisition & Visualization

This course covered how to download and compile geographic and demographic data from the U.S. Census Bureau website and how to visualize & manipulate this data using ArcGIS.

Dates offered: 11/19/14

Length: 2 hours

Instructor: Kevin Mwenda (Geography)

Introduction to Stata

This course covered how to import, clean and manipulate data in the Stata environment as well as basic statistical analyses such as correlations, regressions, and t-tests.

Dates offered: 12/5/14

Length: 2 hours

Instructor: Valerie Bostwick (Economics)

Winter 2015

Introduction to Atlas.ti

Introduction to Alas.ti: HU's, primary documents, basic coding, quotations, output, copy bundles, families etc.

Dates offered: 1/28/15

Length: 1.5 hours

Instructor: Heather Hurwitz (Sociology)

Spring 2015

Introduction to Stata

This course covered how to import, clean and manipulate data in the Stata environment as well as basic statistical analyses such as correlations, regressions, and t-tests.

Dates offered: 4/10/15

Length: 2 hours

Instructor: Valerie Bostwick (Economics)

Introduction to and Intermediate Atlas.ti

The mini-course was a hands-on overview of Atlas.ti, a powerful qualitative data analysis software program. The mini-course covered introductory topics for approximately 60 minutes (HU's, primary documents, basic coding, quotations, output, copy bundles, etc.). There was a short break. Then the mini-course resumed with intermediate topics for an additional 45 minutes (query tool, networks, families, and more). All participated participated in both halves of the workshop except for 2 who had to leave early and only stayed for the introductory segment.

Dates offered: 5/5/15, 5/6/16, 6/8/15,

Length: 2 hours

Instructor: Heather Hurwitz (Sociology)

Visualizing Spatial Data using R

This course covered the basics of how to visualize & manipulate spatial data within R. Topics covered included syntax and packages required to read in, display, explore and map shapefiles.

Dates offered: 5/28/15

Length: 2 hours

Instructor: Kevin Mwenda (Geography)

R for SPSS Users

Introduces participants to the R software. The course highlights the basic functions from SPSS software and provides a comparison and “translation” into how to do the analyses in R. Provides students with code and pointers to complete the statistical tests like ANOVAs and structural equation models. The class included data collection methods most common in education, like Likert scales and school identifiers. In addition to attendees, the instructor sent the materials to a number of other people who couldn't make it.

Dates offered: 6/1/15

Length: 2 hours

Instructor: Anne Pisor (Anthropology)