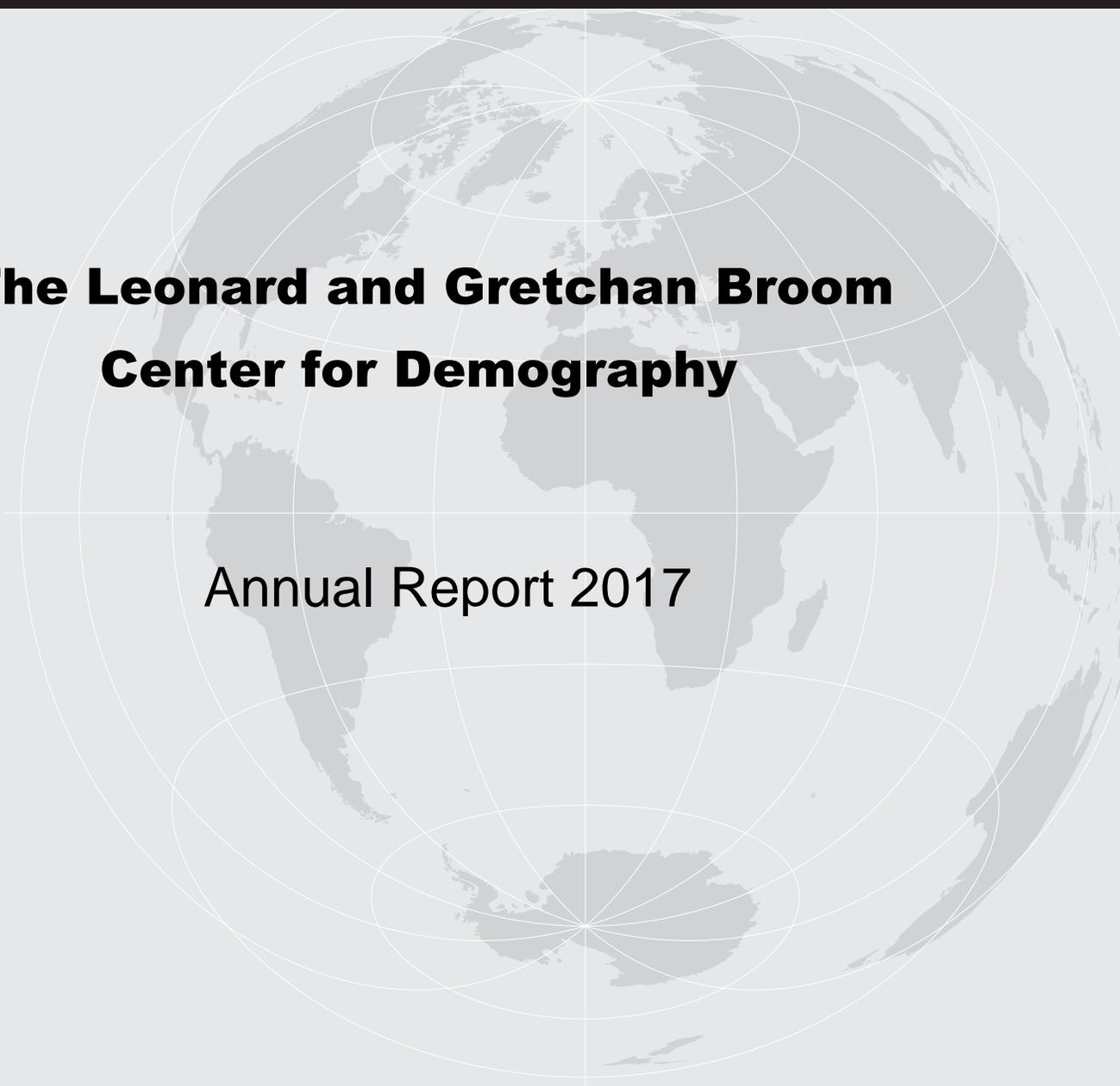


broom center for demography

University of California, Santa Barbara



**The Leonard and Gretchan Broom
Center for Demography**

Annual Report 2017

Broom Center for Demography
University of California, Santa Barbara
2017 Annual Report

The Leonard and Gretchan Broom Center for Demography is an interdisciplinary research center at the University of California, Santa Barbara. The Center's mission is to facilitate research and training in social demography and population studies, with particular emphasis on social and economic inequalities and health disparities. Key issues explored by Center Associates include inequalities across social groups defined by gender, sexuality, race/ethnicity and immigration status; population-environment interactions; the determinants of population health; migration flows; spatial demography; and the allocation of resources within and among families, workplaces, schools, and other social institutions. This report describes the Center's activities during its sixth year of operation, from July 1, 2016 through June 30, 2017.

The Broom Demography Center is directed by Maria Charles, Professor of Sociology at UCSB. Shelly Lundberg, the Leonard Broom Professor of Demography, is the Center's Associate Director. Broom's Advisory Board consists of Michael Gurven (Anthropology), David Lopez-Carr (Geography), Shelly Lundberg (Economics), Heather Royer (Economics), and Edward Telles (Sociology), plus two ex officio members: the Dean of Social Sciences, Leila Rupp, and the Director of the Institute of Social, Behavioral, and Economic Research (ISBER), Stuart Sweeney. Trea DePrima is the Center's administrative assistant, and Kevin Mwenda (PhD candidate in Geography) is the Center's Lab Assistant. The Broom Center currently consists of 30 **Research Associates** and 31 **Graduate Associates** spanning eight disciplines (Anthropology; Ecology, Evolution & Marine Biology; Economics; Geography; Linguistics; Marine Science; Psychology and Sociology). The Broom Center, including faculty, administrative, and visitor offices, graduate student space, and computer lab, is located on the ground floor of North Hall.

The Center was established in October 2011 with generous funding from Leonard and Gretchan Broom and under the leadership of Dean Melvin Oliver and Director Peter Kuhn. Leonard Broom was a distinguished professor of sociology whose career spanned seven decades, with appointments at UCLA, UT Austin, the Australian National University and most recently UCSB. Broom served as editor of the discipline's flagship *American Sociological Review* (1955-57), and he coauthored (with Philip Selznick, UC Berkeley) one of the first and most successful textbooks in sociology. His early research on the effects of US internment of Japanese-Americans during WWII made him an early critic of that policy and shaped a lifelong interest in social inequality and discrimination against minorities.

Research and Graduate Associates spent an active research year in 2016/17. They held 68 active research grants totaling \$42,007,617 from sources including 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 13 grants valued at \$15,895,590. Together the Center's Research and Graduate Associates published over 200 peer-reviewed articles, 7 books, more than two dozen book chapters and

diverse other items in 2016-17.¹ **Appendices 1 and 2** list publications and grants, respectively; a searchable database of Broom Center publications is also available on the Center's website. Some research highlights are discussed later in this document.

Broom Research Associates received many honors and distinctions and held many honorary professional positions in 2016-17; some of these are listed in **Appendix 3**. Of particular note this year were a Research Excellence Award to David Lopez-Carr (Director of Broom's Environment-Population Area) from Population Specialty Group (PSG) of the Association of American Geographers (AAG), and a Public Understanding of Sociology Award to Broom Associate Victor Rios from the American Sociological Association.

Research by Broom Research and Graduate Associates received prominent media coverage in 2016-17. Especially noteworthy was broad national and international attention to research by anthropologist Michael Gurven (Biodemography Area Director) and his collaborators on – among other things – the social, ecological, and genetic dimensions of heart health of indigenous Tsimane people, Alzheimer's disease, and racial/ethnic differences in life expectancy (e.g., *Newsweek*, NPR, BBC, NBC News, *Time Magazine*, *New York Times*, and *Washington Post*). **Appendix 4** shows other recent media and public policy contributions by Broom Associates.

The Broom Demography Center operates a lively and well-attended **Seminar Series** that meets every other Monday and features a combination of internal and external speakers. This year's external speakers included Wouter Botzen (VU Amsterdam), Siwei Cheng (NYU, Sociology), Joshua Goldstein (UC Berkeley, Demography), Dustin Duncan (NYU, School of Medicine Population Health), David Lawson (UCSB, Anthropology), Doug Massey (Princeton, Sociology), David Brady (UC Riverside, Public Policy), Brenda Major (UCSB, Psychology), Dan Lichter (Cornell University, Human Ecology), Amy Non (UCSD, Anthropology), Craig Hadley (Emory, Anthropology), Martha Bailey (University of Michigan, Economics), and Myron Gutmann (University of Colorado, History). **Appendix 5** provides a complete list of speakers and topics.

In addition to the regularly-scheduled seminars, a well-attended cross-disciplinary research conference on "[Gender Inequalities in STEM Education and Occupations](#)" was held in May 2017, organized by Broom Associates Shelly Lundberg, Sarah Thébaud, and Maria Charles. Conference details and program can be found in **Appendix 6**.

The Broom Center also hosted **Visiting Scholars** from six countries during the 2016-17 academic year (see **Appendix 7**). These included Wouter Botzen (Netherlands), Toon Haer (Netherlands), Hans Henrik Sievertsen (Denmark), Jens de Bruijn (Netherlands), Lars de Ruig (Netherlands), Nico Pestel (Germany), Tinna Laufey Ásgeirsdóttir (Iceland), and Ricard Zapata Barrero (Spain). Visitors enrich the life

¹ The other items include encyclopedia entries, proceedings and reprints. The count of publications in Appendix 1 includes all items that were published in 2016, 2017 or forthcoming at the time of this writing. To ensure comparability over time, the Center uses the same approach in all its reports.

of the Center by offering Seminar talks and new opportunities for research cross-fertilization and interdisciplinary collaborations.

In April 2017, the Center awarded its sixth set of **Graduate Student Research and Travel (GSRT) grants**. These fund dissertation research and attendance at training programs in demographic methods for qualifying Broom Graduate Associates. In the most recent funding round, six students received a total of \$12,000 in GSRT funds. The Center also awarded Dean's grants totaling \$4,000 for summer training at the ICPSR (Interuniversity Consortium for Political and Social Research) and supported the travel expenses of four Graduate Associates to the Population Association (PAA) annual meeting in Chicago. **Appendix 8** provides a complete list of grants awarded by the Center during the 2016-17 academic year.

The Center's **social demography computer lab** in North Hall provides a graduate student lounge and meeting space, 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. A graduate student **lab assistant** offers in-person advice on software, statistics, and study design.

To support graduate student training in demography, the Broom lab operates a series of **Research Methods Mini-Courses** taught by the lab assistant and other UCSB faculty and graduate students. These short instructional modules are typically two-hour hands-on sessions. Courses have included Atlas.ti, Remote Sensing, Geographic Information Systems, Geographically Weighted Regression (GWR), using ArcGIS, Spatial Data Visualization in R, and Web Scraping with Python. In addition, Broom Graduate Associates are encouraged to present their in-progress research and get feedback through **Graduate Lab Lunches**. A list of 2016-17 Mini-Courses and Lab Lunches is provided in **Appendix 9**.

The Broom Center's **Interdisciplinary PhD Emphasis in Demography** completed its second year of operation in 2016-17. Doctoral students in Anthropology, Economics, Geography, Global Studies, and Sociology can now add a Demography emphasis to their PhD degrees. Training includes a common core course in demographic methods, a proseminar, and a choice of demographically oriented courses in four participating departments. In the required reading/discussion group, students read work of UCSB demographers, meet with Broom faculty affiliates and Seminar speakers, and discuss their own preliminary research plans. The program has been a great success so far. **Appendix 10** provides an overview of the PhD Emphasis and its requirements.

During 2016/17, several former Graduate Associates moved on to significant research and teaching positions, including at Western Washington University (Adam Wright), Cal Poly San Luis Obispo (Stefanie Fischer), San Diego State University (Ryan Abman), Research Center for Virtual Environments and Behavior (Jessica Cornick), St. John's University (Corrie Ellis Gross), and Swedish Institute for Social Research, SOFI at Stockholm University (Cassandra Engeman).

Research and education at the Broom Center is organized into six intersecting, interdisciplinary areas: Family, Biodemography and Evolution, Environment, Population, and Health Dynamics, Sex and

Gender, Education and Health, and Immigration, Race and Ethnicity. Research under each area is guided by an area director. Reports on each of the Center's six research areas follow.

Research Highlights: Family

The Family Demography Theme Director is Shelly Lundberg, who is also the Leonard Broom Professor of Demography and the Associate Director of the Broom Center. In total, 12 Research Associates and 8 Graduate Associates from Sociology, Economics, Anthropology, Political Science, and Geography conduct research and publish within this theme.

Research Associate David W. Lawson published two papers that contribute to the Broom Center's research theme on Family. "Do Fathers Matter? Paternal Absence and Child Health in Northern Tanzania," (*American Journal of Human Biology*) examines the link between father absence (both frequency and form) and household food security, wealth and child anthropometric status using a sample of 3,136 children in Tanzania. Lawson and his coauthors find that paternal death and residing apart from a living father was associated with lower food security, and they report suggestive evidence that such children may achieve lower height-for-age (an important indicator of long-term health status). Children who were fostered with relatives (usually grandparents), however, did not seem to suffer adverse effects from father absence. In "Marital Status and Sleeping Arrangements Predict Salivary Testosterone Levels in Rural Gambian Men" (*Adaptive Human Behavior and Physiology*), Lawson reexamines variation in male testosterone as a reflection of relative investments in mating versus parenting efforts in the context of a rural, polygynous, high fertility population. He finds that the difference between the testosterone levels of married men (mostly fathers) and unmarried men could be explained by age differences between the two groups. Among married men, however, polygynously married men had higher testosterone than monogamously married men, and fathers who sleep in the same room as their children had lower testosterone than those who sleep apart from their children. These results provide additional support for the hypothesis that testosterone regulates human parental care.

In "Gender Gaps in the Effects of Childhood Family Environment: Do They Persist into Adulthood" (*European Economic Review*), Broom Associate Director Shelly Lundberg and Broom Center visitor Anne Brenøe use Danish administrative data to link parental education and family structure during childhood to male-female and brother-sister differences in adolescent outcomes, educational attainment, and adult earnings and employment. They find, consistent with earlier U.S. studies, that boys benefit more from an advantageous family environment than do girls in terms of grade-school outcomes. However, the pattern of childhood environment effects on adult outcomes is very different. Maternal education differentially advantages daughters, and paternal education, though it decreases gender gaps in educational attainment (favoring sons), has greater positive impacts on the labor market outcomes of daughters, relative to sons. They conclude that differences in the behavior of school-aged boys and girls are poor proxies for the differences in skills that drive longer-term outcomes.

Research Highlights: Biodemography and Evolution

The Broom Center's Biodemography area is directed by Michael Gurven. In its sixth year, this area has eight research associates and six graduate student associates, spanning anthropology, geography, and economics departments. Many of the area'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. Thirty-nine publications from 2016-2017 appear in diverse, prestigious journals, such as the *Lancet*, *Current Biology*, *PNAS*, *Philosophical Transactions of the Royal Society*, *Genome Biology*, *Social Science & Medicine*, *Evolution and Human Behavior* and *American Journal of Physical Anthropology*.

A number of these papers were featured prominently in the national and international media. For example, in the *Lancet*, Broom associate Gurven showed that Tsimane Amerindians show the lowest levels of coronary calcification reported to date for any population, and raise important questions about the feasibility of lifestyle change in reducing the incidence of heart disease. In a related provocative synthesis in *Evolution, Medicine & Public Health*, Gurven and Blackwell propose that intestinal worms may have protective effects against type 2 diabetes and cardiovascular disease due to several direct and indirect pathways. In *FASEB Journal*, Gurven, Blackwell and former Broom associate Benjamin Trumble identify a key gene-by-environment relationship that explores why the apolipoprotein E4 allele, long identified as a strong risk factor for Alzheimer's Disease, cognitive decline and cardiovascular disease, is still maintained in human populations. They find that E4 is protective against cognitive decline among older adults with high parasite burden, suggesting a pathogenic environmental context whereby E4 alleles may be advantageous. In *American Journal of Physical Anthropology*, Blackwell and Gurven published new growth reference curves for indigenous Amazonian populations, highlighting key differences with World Health Organization growth standards for height and weight, suggesting environmental context and/or genetic differences can shape patterns of healthy growth in early life. The history, research highlights, and current ambitions of the fifteen year Tsimane Health and Life History Project were published for the first time by Gurven, Blackwell and colleagues in *Evolutionary Anthropology*, as an attempt to better situate biodemography in a key position in the social and life sciences. Together these and other results published between 2016-2017 make salient contributions to several demographic disciplines, including anthropology, gerontology, biology, medicine and epidemiology.

New Broom faculty associate David Lawson published papers concerning fertility, harmful cultural practices, and child health. He compiled, co-edited and contributed two papers to a special issue of *Philosophical Transactions of the Royal Society B* focused on new directions in evolutionary demography to help explain fertility variation. In a highly publicized paper in *PNAS*, Lawson employs a multilevel approach to show that, contrary to popular discourse designating it as a harmful cultural practice, polygynous marriage in northern Tanzania is not associated with poorer child health than monogamous marriage. The consensus view that polygyny is harmful was found only using aggregated data in cross-village analysis, whereas within-village controlled comparisons of households revealed the

opposite pattern. The paper highlights the need for culturally sensitive measurement tools and appropriate scales of analysis in studies of polygyny and other purportedly harmful practices.

Contributions have also been made by Broom student associates. For example, Broom student associate Angela Garcia (with Blackwell and Gurven) show in *American Journal of Human Biology* that perceptions of local status and of inequality, rather than objective indicators of wealth, were associated with greater cortisol responses indicative of higher experienced psychosocial stress among Honduran immigrants on the island of Utila.

Research Highlights: Environment, Population, and Health Dynamics

The Broom Center's Environment, Population, and Health Dynamics theme is directed by David López-Carr. Researching within this theme are 19 Graduate Student Associates and 7 Research Associates. This theme focuses on the dynamics between human populations and their environment with implications both for population and environmental outcomes.

This year, many researched the impact of specific diseases. For example, Brooks and colleagues authored an article that was published in the *Emerging Infectious Diseases Journal*. The article tracked the evolution of the Zika Virus Outbreak from September 2015 – July 2016 in Roatán, Honduras. Kevin Mwenda, Phaedon Kyriakidis, and López-Carr wrote a paper that explores HIV prevalence by using fine-scale population estimates from three Tanzanian districts. Additionally, Sanna Sokolow and UCSB colleagues Lafferty, López-Carr, and Kuris published two papers about the connection that dams have to increased risk schistosomiasis due to the blocked migration of river prawns. One, which examines the potential for prawns to protect nearly 400 million people that are affected by the increased risk of schistosomiasis due to the dam blockage, was published in *Philosophical Transactions of the Royal Society B*. The other, which focuses on how the combination of water, dams, and prawns can provide an ecological solution to the schistosomiasis risk, was published in *The Lancet*.

Research Associate Alan Murray published multiple articles this year, many using analytical methods to advance and optimize spatial decision making. He authored articles that used specialized optimization analytics, including the article he co-authored with Xin Feng on enhancing street light coverage of public spaces, which is to appear in LEUKOS. Murray also collaborated on an article about using a spatial analytic framework for assessing and improving food aid distribution in developing countries, specifically focusing on Mali.

Another focus this year was on the health of migrants. Daniel Ervin, Erin Hamilton, and David López-Carr authored a paper on the health and healthcare of migrants and their families in the United States as an introduction to a special published in the *Journal of Ethnic and Migration Studies*.

Magdalena Benza, John R. Weeks, Douglas A. Stow, López-Carr, and Keith C. Clarke teamed up to write two papers that utilized remote sensing and GIS. In a paper published in *Remote Sensing of Environment*, Benza and his collaborators used remote sensing and GIS to create a pattern-based

definition of urban context. They also published a paper in *Population, Space and Place* about fertility and urban context in Ghana, West Africa.

Other notable publications from the Environment, Population and Health Dynamics theme included a paper by Hai Chen, López-Carr, Yan Tan, Jing Xi and Xiaoying Liang which stimulated household land-use responses to China's "Grain for Green" policy. Additionally, Juliann Aukema, Narcisa G. Pricope, Gregory Husak, and López-Carr authored a paper, which was published in *PLOS ONE*, about the overlap of climate change and population pressure on areas with conservation priority. López-Carr also co-authored a paper with William Pan on land use as a mediating factor of fertility in the Amazon that was published in *Population and Environment*.

Many Environment, Population and Health Dynamics affiliates published work in overlapping themes. Within the Biodemography and Evolution theme, Angela Garcia and Elizabeth Weigler published an article that examines the recent change in mating strategies among humans. Also publishing in the Environment, Population and Health Dynamics and Biodemography and Evolution themes are Angela Garcia, Michael Gurven, and Aaron Blackwell, whose paper focuses on the subjective socioeconomic status and cortisol of the people that live in Utila, Honduras. For more information on these articles and the Biodemography and Evolution theme, visit the [Biodemography and Evolution theme page](#).

Research Highlights: Sex and Gender

Thirteen Research Associates and seven Graduate Student Associates contributed to the Research Area on Sex and Gender during the 2016-17 academic year. Sex and Gender Research is coordinated by Maria Charles, who is also Director of the Broom Center, Professor of Sociology, and faculty affiliate of the Feminist Studies Department at UCSB. In 2016-17 Sex and Gender associates published more than two dozen research articles, chapters, and books related to gender and sexualities. Some research highlights are described below.

Gender inequality in science, technology, engineering, and mathematics (STEM) fields was a focal theme at the Broom Center during the 2016-2017 academic year. In May 2017, Broom Associates Shelly Lundberg, Sarah Thébaud, and Maria Charles organized a cross-disciplinary research conference on "[Gender Inequalities in STEM Education and Occupations](#)" that brought together leading economists, psychologists, and sociologists from around the country to discuss the individual, structural, and cultural dynamics underlying the gender segregation of STEM fields. Many of the themes discussed at the conference are developed further in a 2017 special journal issue on [Gender and STEM](#), co-edited by Broom Sociologists Maria Charles and Sarah Thébaud. The volume's authors apply diverse theoretical lenses and methodological approaches to understand gender segregation of STEM fields in the United States, including how gender interacts with racial, ethnic, class, and/or sexual identities, and how these dynamics vary across time and organizational contexts.

Gender inequality in STEM is considered from a cross-national comparative perspective in "[Venus, Mars, and Math](#)" by Director Maria Charles. Over-time data on cohorts of eighth graders in 32

countries reveal that aspirations for mathematically related work become more gender differentiated as societal affluence grows. This relationship holds controlling for students' social class backgrounds, mathematical achievement, and affinity for school, and it is not explained by cross-national differences in the economic integration of women, gender stereotyping of science, or Internet access. Charles concludes that observed patterns of gender segregation reflect more than just women's greater freedom to indulge tastes for non-STEM work in affluent societies. Tastes are themselves more gendered in these contexts.

Other new research related to gender and sexuality include three high-profile articles by Sarah Thébaud and colleagues: on how incumbency in gender-labeled occupational positions affect workplace authority, on the gendered ways in which perceived beauty influences entrepreneurial lending, and on gender segregation among US doctoral recipients. In addition, Michael Gurven and colleagues published results from an important experimental study of preferences for different types of resource distribution among subsistence Tsimane forager-horticulturalists of Bolivia. Husbands' and wives' revealed preferences provide support both joint- and separate-interests views of intra-household resource allocations.

Research Highlights: Education and Health

The Broom Center's Education and Health Area Director is Heather Royer. Royer is an Associate Professor of Economics and Research Fellow at the National Bureau of Economic Research. This research area includes 17 research associates and 15 graduate student associates from Anthropology, Economics, Geography, Global Studies, Psychological and Brain Sciences, and Sociology. For the 2016-2017 period, Education and Health researchers produced 29 publications including in *Lancet*, *Management Science*, *Developmental Psychology*, *American Economic Review*, *Journal of Political Economy*, *Journal of Experimental Social Psychology*, *Social Science and Medicine*. Examples are below.

In "Cognitive performance across the life course among Bolivian forager-farmers with limited schooling" (published in *Developmental Psychology*), Research Associate Michael Gurven and co-authors examine how cognitive performance evolves across the lifespan among the Tsimane forager-horticulturalists of Bolivia and how these patterns interact with schooling levels. Semantic abilities exhibit little decay with age whereas all other measured cognitive abilities (e.g., processing speed) diminish in early adulthood. Schooling is associated with higher cognitive ability but does not slow the decay of abilities later in life.

In "Decision-environment effects on intertemporal financial choices: How relevant are resource-depletion models?" (*Journal of Economic Behavior and Organization*), Research Associate Peter Kuhn along with co-authors study how resource depletion affects financial decision making of French high school students. A literature in psychology argues that the current environment can have profound effects on individual decision-making. For example, common rhetoric often argues that one should not go grocery on an empty stomach. In a laboratory experiment, Kuhn and co-authors estimate how the consumption of a sugary drink influences intertemporal financial choices (i.e., choices over receiving

money now versus the future). Among those with low high school exit examination scores, the sugary drink makes participants more patient (i.e., willing to give up money now for the future). However, a similar effect is exhibited among participants who drink the placebo (a sugar free drink). Among those with high exit-examination scores, the sugary drink does not appear to affect intertemporal financial decision making.

In “Renewable dismissal barriers, job security, and long-term investment” (published in the *European Economic Review*), Research Associate Gary Charness in collaboration with several co-authors consider how the opportunity to invest in a long-term project (e.g., purchasing a home) affects a worker’s effort. This study is done in a laboratory setting. Charness and co-authors find that the opportunity to invest raises worker effort, providing evidence that circumstances outside of the labor market have impacts on the labor market.

Research Highlights: Immigration, Race and Ethnicity

Edward Telles, Distinguished Professor of Sociology, is the area director for the Broom Center's Race, Ethnicity and Immigration area. This area of research is multidisciplinary and uses a variety of quantitative and qualitative methods to understand race, ethnicity and immigration in a changing California, United States and world. Sixteen research associates and nine graduate student associates, spread across seven departments, comprise the area.

Broom Associates Erika Arenas and Emiko Saldivar received a grant award of \$360,000 from the Kellogg Foundation for a project intended to examine the validity and reliability of the question proposed by the Census Bureau in Mexico to measure the afro-descendant population in their 2015 Intercensal National Survey. The inclusion of the question in this survey is a major achievement that recognizes and makes visible black people in Mexico.

Race, ethnicity and immigration associates published two dozen articles, books or book chapters under this theme in 2016-17. To get a sense of work in this area, we describe three publications:

Broom Associate David López-Carr led a research team that published “Geographical and individual determinants of rural out-migration to a tropical forest protected area: the Maya Biosphere Reserve, Guatemala” in *the European Journal of Geography*. They find that migration necessarily precedes deforestation in tropical agricultural frontiers. Therefore, identifying individual, household and place characteristics (demographic, political, social, economic, and ecological) related to this process is crucial for understanding the drivers of tropical deforestation and will in turn be useful for developing policies to reduce deforestation.

Broom Associate Peter Kuhn and Kailing Shen published "Do employers prefer migrant workers? Evidence from a Chinese job board" in the *IZA Journal of Labor Economics*. Using callback information from an Internet job board, they find that urban, private sector Chinese, employers prefer workers without a local permanent residence permit (*hukou*) over locals who are identically matched to the

job's requirements. These preferences for migrant workers are strongest in jobs requiring lower levels of education and offering low pay. While migrant-native payroll tax differentials might account for some of this gap, they argue that the patterns are hard to explain without some role for a migrant productivity advantage in less skilled jobs.

Kathryn Grace and Broom associate Stuart Sweeney published "Ethnic Dimensions of Guatemala's Stalled Transition: A Parity-Specific Analysis of Ladino and Indigenous Fertility Regimes" in *Demography*. Through the construction of fertility histories of 25,000 women using multiple years of health survey data, Grace and Sweeney analyze some of the components of stalled fertility as they pertain to Guatemala, the only Central American country to have experienced a stalled fertility decline. They explore the puzzle of why some societies today, such as Guatemala, produce a fertility plateau and do not reinstate the decline historically found in Western societies.

Appendices

1. Publications in 2016 and 2017
2. Active Funding
3. Recognition and Service
4. Media and Public Policy Contributions
5. Seminar Schedule, 2016/17
6. Workshop Agenda and Participants, 2017
7. Visitors in 2016/17
8. Grants Awarded by the Broom Center
9. Methods Mini-Courses and Graduate Student Presentations
10. Interdisciplinary PhD Emphasis in Demography

Appendix 1

Publications in 2016/17²

Erika Arenas

Erika Arenas, Hector Conroy, Jenna Nobles. Forthcoming. Recent Trends in Internal and International Mexican Migration: Evidence from the Mexican Family Life Survey. Universidad Iberoamericana, ed. C

Erika Arenas, Bongoh Kye, Graciela Teruel and Luis Rubalcava. 2016. The impact of education and health heterogeneity on Generational Support Ratios in Mexico. *Ageing and Society*, 1-38, doi: 10.1017/S0144686X16000751.A

Aaron Blackwell

Hodges-Simeon, CR, Prall, SP, Blackwell, AD, Gurven, MD, Gaulin, SJC. 2017. Adrenal maturation, nutritional status and mucosal immunity in Bolivian adolescents. *American Journal of Human Biology*, in press. A

Garcia, AR, Gurven, MD, Blackwell, AD. 2017. A matter of perception: perceived socio-economic status and diurnal cortisol on the island of Utila, Honduras. *American Journal of Human Biology*, in press. A

Garcia, AR, Blackwell, AD. 2017. The physiological constellation of deprivation: immunological strategies and health outcomes (Commentary on: Pepper and Nettle, "The Behavioural Constellation of Deprivation: Causes and Consequences"). *Behavioral and Brain Sciences*, in press. A

Blackwell, AD. 2017. Expanding the insurance hypothesis of obesity with physiological cues (Commentary on Nettle, Andrews, Bateson, "Food insecurity as a driver of obesity in humans: The insurance hypothesis"). *Behavioral and Brain Sciences* 40, e108 DOI:<https://doi.org/10.1017/S0140525X16001333>. A

Gurven, M, Kaplan, H, Stieglitz, J, Trumble, B, Blackwell, AD, Beheim, B, Hooper, P. 2017. The Tsimane Health and Life History Project (THLHP): Integrating anthropology and biomedicine. *Evolutionary Anthropology*. 26(2) 54-73. DOI: 10.1002/evan.21515. A

Trumble, BC, Stieglitz, J, Blackwell, AD, Allayee, H, Beheim, B, Finch, CE, Gurven, MD, Kaplan, HS. 2017. Apolipoprotein E4 is associated with improved cognitive function in Amazonian forager-horticulturalists with a high parasite burden, *The FASEB Journal*. DOI:10.1096/fj.201601084R.* A

² This appendix reports all publications by Center Associates in 2016 and 2017, 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

Blackwell, AD, Urlacher, SS, Beheim, B, von Rueden, C, Jaeggi, A, Stieglitz, J, Trumble, BC, Gurven, MD, Kaplan, H. 2017. Growth references for Tsimane forager-horticulturalists of the Bolivian Amazon, *American Journal of Physical Anthropology*. 162(3) 441-461. DOI: 10.1002/ajpa.23128. * A

Gurven, M, Trumble, BC, Stieglitz, J, Blackwell, AD, Michalik, DE, Finch, C, Kaplan, H. 2016. Cardiovascular disease and type 2 diabetes in evolutionary perspective: a critical role for helminths? *Evolution, Medicine & Public Health, in press*. * A

Trumble, BC, Blackwell, AD, Stieglitz, J, Emery Thompson, M, Maldonado Suarez, I, Kaplan, H, Gurven, M. 2016. Associations between male testosterone and immune function in a pathogenically stressed forager-horticultural population, *American Journal of Physical Anthropology*. DOI: 10.1002/ajpa.23054. * A

Blackwell, AD, Trumble BC, Maldonado Suarez, I, Stieglitz, J, Beheim, B, Snodgrass, JJ, Kaplan, H, Gurven, M. 2016. Immune Function in Amazonian Horticulturalists, *Annals of Human Biology*. DOI: 10.1080/03014460.2016.1189963. * A

Urlacher, SS, Liebert, MA, Snodgrass, JJ, Blackwell, AD, Cepon-Robins, TJ, Gildner, TE, Madimenos, FC, Amir, D, Bribiescas, R, Sugiyama, LS. 2016. Heterogeneous effects of market integration on subadult body size and nutritional status among the Shuar of Amazonian Ecuador, *Annals of Human Biology*. DOI: 10.1080/03014460.2016.1192219. A

Urlacher, SS*, Blackwell, AD*, Liebert, MA, Madimenos, FC, Cepon-Robins, TJ, Gildner, TE, Snodgrass, JJ, Sugiyama, LS. 2016. Physical Growth of the Shuar: Height, Weight, and BMI Growth References for an Indigenous Amazonian Population, *American Journal of Human Biology*, 28(1): 16-30. DOI: 10.1002/ajhb.22747. *co-first authors. A

Gurven, M., Yetish, G., Trumble, B.C., Stieglitz, J., Cummings, D., Blackwell, A.D., Beheim, B., Kaplan, H., Pontzer, H. 2016. High resting metabolic rate among Amazonian forager-horticulturalists experiencing high pathogen burden. *American Journal of Physical Anthropology*. * A

Susan Cassels

Cassels S, Jenness SM, Biney AAE, Ampofo WK, Dodoo FN. Forthcoming. Migration, sexual networks, and HIV in Agbogbloshie, Ghana. *Demographic Research*. A

Toren KG, Buskin SE, Dombrowski JC, Cassels S, Golden MR. 2016. Time from HIV diagnosis to viral load suppression: 2007-2013. *Sexually Transmitted Diseases* 43(1): 34-40. (PMCID: PMC4902572). A

Roberts ST, Khanna A, Barnabas RV, Goodreau SM, Baeten JM, Celum C, Cassels S. 2016. Estimating the impact of universal antiretroviral therapy for HIV serodiscordant couples through home HIV testing: Insights from mathematical models. *JIAS: Journal of the International AIDS Society* 19:20864. (PMCID: PMC4865806). A

Jenness SM, Goodreau SM, Morris M, Cassels S. 2016. Effectiveness of Combination Packages for HIV-1 Prevention in Sub-Saharan Africa Depends on Partnership Network Structure: A Mathematical Modeling Study. *Sexually Transmitted Infections*. Published Online First: 9 June 2016. A

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Lisa McAllister

McAllister, L., Pepper, G., Hackman, J., Virgo, S., Sobraske, K., Coall, D., The evolved psychological mechanisms of fertility motivation: Hunting for causation in a sea of correlation. *Philosophical Transactions A*

Coall, D., Tickner, M., McAllister, L., Sheppard, P. 2016. Developmental influences on human fertility decisions: An evolutionary perspective. *Philosophical Transactions A*

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

Alan Murray

I. Hong, M. Kuby and A.T. Murray. 2017. A deviation flow refueling location model for continuous space: a commercial drone delivery system for urban areas. In *Advances in Geocomputation*, edited by D. Griffith, Y. Chun and D. Dean, 125-132 (Springer). c

A.T. Murray. 2017. Regional analytics. *Annals of Regional Science* 59, 1-13 (DOI: 10.1007/s00168-017-0825-6). A

X. Feng and A.T. Murray. 2017. Spatial analytics for enhancing street light coverage of public spaces. *LEUKOS*, to appear (DOI: 10.1080/15502724.2017.1321486). A

Y. Zhang, A.T. Murray and B.L. Turner. 2017. Optimizing green space locations to reduce daytime and nighttime urban heat island effects in Phoenix, Arizona. *Landscape and Urban Planning* 165, 162-171 (DOI: 10.1016/j.landurbplan.2017.04.009). A

Q. Zhao, E.A. Wentz and A.T. Murray. 2017. Tree shade coverage optimization in an urban residential environment. *Building and Environment* 115, 269-280. A

K. Grace, R. Wei and A.T. Murray. 2017. A spatial analytic framework for assessing and improving food aid distribution in developing countries. *Food Security*, to appear (<https://doi.org/10.1007/s12571-017-0703-1>). A

J. Yao and A.T. Murray. 2017. A spatial optimization approach for solving a multi-facility location problem with continuously distributed demand. In *Innovations in Urban and Regional Systems - Contributions from GIS&T, Spatial Analysis and Location Modeling*, edited by J.-C. Thill (Springer's *Advances in Spatial Science Series*), to appear. c

A.T. Murray. 2017. GIS in regional research. *Regional Research Frontiers – Vol. 2: Methodological Advance, Regional Systems Modeling and Open Science*, edited by R. Jackson and P. Shaeffer, 169-180 (Springer). c

D. Tong and A.T. Murray. 2017. Location analysis: developments on the horizon. *Regional Research Frontiers – Vol. 2: Methodological Advance, Regional Systems Modeling and Open Science*, edited by R. Jackson and P. Shaeffer, 193-208 (Springer). c

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S. McLafferty and A.T. Murray. 2017. Regional perspectives on public health. *Regional Research Frontiers-Vol. 1: Innovations, Regional Growth and Migration*, edited by R. Jackson and P. Shaeffer, 161-174 (Springer). c

T.H. Grubestic, R. Wei, A.T. Murray and W.A. Pridemore. 2016. Comparative approaches for assessing access to alcohol outlets: exploring the utility of a gravity potential approach. *Population Health Metrics* 14, 25 (DOI: 10.1186/s12963-016-0097-x). A

R.L. Oxley, L.W. Mayes and A.T. Murray. 2016. Optimization model for the sustainable water resource management of river basins. *Water Resources Management* 30, 3247-3264. A

S. Kleinschmidt, A.T. Murray, S. Rey, L. Anselin and T.H. Grubestic. 2016. Spatial uncertainty in cluster detection. *Spatial Information Research* 24, 181-189. A

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I. Hong, A.T. Murray and S.J. Rey. 2016. Obstacle-avoiding shortest path derivation in a multicore computing environment. *Computers, Environment and Urban Systems* 55, 1-10. A

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A.T. Murray and X. Feng. 2016. Public street lighting service standard assessment and achievement. *Socio-Economic Planning Sciences* 53, 14-22. A

I. Hong, A.T. Murray and L.J. Wolf. 2016. Spatial filtering for identifying a shortest path around obstacles. *Geographical Analysis*, 48, 176-190. A

A.T. Murray. 2016. Maximal coverage location problem: impacts, significance and evolution. *International Regional Science Review* 39, 5-27. A

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Kevin Mwenda

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Victor Rios

Rios, V.M. Forthcoming. *Human Targets: Schools, Police, and the Culture of Control* University of Chicago Press. B

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

Rios, V.M. Forthcoming. Ethnographies of Race, Crime, and Criminal Justice. *Annual Review of Sociology*. 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., Bredenoord, C., Carias, J. 2016. *Project GRIT: Generating Resilience to Inspire Transformation*. Five Rivers Press. B

Witenko, V., Mireles-Rios, R. and Rios, V.M. 2016. Networks of Encouragement: Who's encouraging Latino students and White students to enroll in honors and Advanced Placement (AP) courses? *Journal of Latinos and Education*. A

Maya Rossin-Slater

Rossin-Slater, Maya. Forthcoming. Signing Up New Fathers: Do Paternity Establishment Initiatives Increase Marriage, Parental Investment, and Child Well-Being? Forthcoming at the *American Economic Journal: Applied Economics*. A

Rossin-Slater, Maya and Petra Persson. Forthcoming. Family Ruptures, Stress, and the Mental Health of the Next Generation. with Petra Persson. Forthcoming at the *American Economic Review*. A

Rossin-Slater, Maya, Adam Isen, and W. Reed Walker. Forthcoming. Every Breath You Take – Every Dollar You'll Make: The Long-Term Consequences of the Clean Air Act of 1970, with Adam Isen and Reed Walker. Forthcoming at the *Journal of Political Economy*. A

Jenna Stearns

Lundberg, Shelly, Robert A. Pollak and Jenna Stearns. 2016. Family Inequality: Diverging Patterns in Marriage, Cohabitation, and Childbearing, *Journal of Economic Perspectives*, Spring 2016, 30(2): 79-102. A

Stuart Sweeney

Davenport, F., D. Steigerwald, and S. Sweeney. 2016. Open trade, price supports, and regional price behavior in Mexican maize markets. *Economic Geography* 92(2), 201–225. A

Grace, K. and S. Sweeney. 2016. Ethnic dimensions of Guatemala's stalled transition: A parity-specific analysis of Ladino and indigenous fertility regimes. *Demography* 53(1), 117–138. A

Sweeney, S. and M. Gomez-Antonio. 2016. Localization and industry clustering econometrics: An assessment of Gibbs models for spatial point processes. *Journal of Regional Science* 56(2), 257–287. A

Verta Taylor

Nella Van Dyke and Verta Taylor. Forthcoming. "Cultural Consequences of Social Movements." *Wiley Blackwell Companion to Social Movements, 2nd Edition*, edited by David Snow, Sarah Soule, Hanspeter Kriesi and Holly McCammon. Oxford: Wiley Blackwell. C

Heather McGee Hurwitz and Verta Taylor. Forthcoming. Women Occupying Wall Street: Gender Conflict and Feminist Mobilization. In *100 Years of the Nineteenth Amendment: An Appraisal of Women's Political Activism*. New York/Oxford: Oxford University Press. C

Holly J. McCammon, Verta Taylor, Jo Reger, and Rachel Einwohner. 2017. *The Oxford Handbook of U. S. Women's Social Movement Activism*. New York/Oxford: Oxford University Press. B

Leila J. Rupp, Verta Taylor, and Benita Roth. 2017. Women in LGBT Movements. In *The Oxford Handbook of U. S. Women's Social Movement Activism*, edited by Holly J. McCammon, Verta Taylor, Jo Reger, and Rachel Einwohner. New York/Oxford: Oxford University Press. C

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Ghaziani, Amin, Verta Taylor, and Amy Stone. 2016. Cycles of Sameness and Difference in LGBT Social Movements. *Annual Review of Sociology* 42: 165-183. A

Miller, Shaeleya D., Verta Taylor, and Leila J. Rupp. 2016. Social Movements and the Construction of Queer Identity. Pp. 443-470 in *Advances in Identity Theory and Research Volume 2*, edited by Jan Stets and Richard Sherpe. New York: Oxford University Press. C

Leila J. Rupp, Verta Taylor, and Shaeleya D. Miller. 2016. Learning to be Queer: College Women's Sexual Fluidity. Pp. 195-206. *Introducing the New Sexuality Studies, 3rd edition*, edited by Nancy Fischer and Steven Seidman. New York: Routledge. C

Verta Taylor. 2016. The Power of Feminist Engagement. Pp. 65-69 in *Permission: The International Interdisciplinary Impact of Laurel Richardson's Work*, edited by Julie White. Rotterdam/Boston/Taipei: Sense Publishers. C

Edward Telles

Telles, Edward E. and Christina Sue. *Between Mexican and American*. Under contract with Oxford University Press. B

Jose Vicente Tavares dos Santos and Edward Telles (eds.) *Global Frontiers in Social Control and Deviance*. Under Contract with Springer Press. B

Sarah Thébaud

Charles, Maria and Sarah Thébaud, editors. In press. *Gender and STEM: Understanding Segregation in Science, Technology, Engineering and Mathematics*. *Social Sciences Special Issue*. MDPI. B

Doering, Laura and Sarah Thébaud. 2017. The Effects of Gendered Occupational Roles on Men's and Women's Workplace Authority: Evidence from Microfinance. *American Sociological Review* 82(3):542-567. A

Kuwabara, Ko and Sarah Thébaud. 2017. When Beauty Doesn't Pay: Gender and Beauty Biases among Entrepreneurs in a Peer-to-peer Loan Market. *Social Forces* 95(4): 1371-1398. A

Weeden, Kim A., Sarah Thébaud, and Dafna Gelbgiser. 2017. Degrees of Difference: Gender Segregation of US Doctorates by Field and Institutional Prestige. *Sociological Science* 4:123-150. A

Thébaud, Sarah and Amanda J. Sharkey. 2016. Unequal Hard Times: The Influence of The Great Recession on Gender Bias in Entrepreneurial Investment Markets. *Sociological Science* 3:1-31. A

Thébaud, Sarah. 2016. Passing up the Job: The Role of Gendered Organizations and Families in the Entrepreneurial Career Process. *Entrepreneurship Theory and Practice*. A

Thébaud, Sarah. 2016. In Countries with Little Work-Family Support, Many Women Opt for Self-Employment. *London School of Economics Business Review*. January 12. A

Thébaud, Sarah and David S. Pedulla. (equal authorship). 2016. Masculinity and the Stalled Revolution: How Gender Ideologies and Norms Shape Young Men's Responses to Work-Family Policies. *Gender & Society* 30. A

Cascade Tuholske

Ervin D., Tuholske, C., and D. López-Carr. 2018, In Press. "The Geography of Malnutrition." in *Food and Place: A Critical Exploration*, edited by Pascale Joassart-Marcelli and Fernando Bosco. Washington, DC: Rowman and Littlefield c

Tuholske, C., Tane, Z., López-Carr, D., Roberts, D., & Cassels, S. In Review. Thirty Years of Land Use/Cover Change in the Caribbean: Assessing the Relationship between Urbanization and Mangrove Loss in Roatán, Honduras. *Applied Geography* A

Brooks, T., Roy-Burman Bloch, A., Tuholske, C., Busch, M., Bakkour, S., Stone, M., Linnen, J. M., Gao, K., Coleman, J., & Bloch, E. 2017. Real-Time Evolution of Zika Virus Disease Outbreak, Roatán, Honduras. *Emerging Infectious Disease-CDC*, 23(8) A

John Weeks

John R. Weeks. In press. Demographic Transition Theory. Bryan S. Turner, ed., *The Wiley Blackwell Encyclopedia of Social Theory* (Oxford, UK: Wiley Blackwell Publishing Co.). o

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

Magdalena Benza, John R. Weeks, Douglas A. Stow, David López-Carr, and Keith C. Clarke. 2017. Fertility and Urban Context: A Case Study from Ghana, West Africa, Using Remotely Sensed Imagery and GIS. *Population, Space and Place*, DOI: 10.1002/psp.2062. A

John R. Weeks, Douglas A. Stow, and Li An. 2016. Demographics, Health Drivers & Impacts on Land Cover and Land Use Change in Ghana. Stephen J. Walsh, editor, *Comprehensive Remote Sensing, Volume 9, Remote Sensing Applications for Societal Benefits* (Oxford: Elsevier). c

Erin E. Conners, Joseph M. Vinetz, John R. Weeks, and Kimberly C. Brouwer. 2016. A global systematic review of Chagas disease prevalence among migrants. *Acta Tropica*. A

Sory Toure, Douglas Stow, Hsiang-chien Shih, Lloyd Coulter, John Weeks, Ryan Engstrom and Avery Sandborn. 2016. An object-based temporal inversion approach to urban land use change analysis. *Remote Sensing Letters*. A

Douglas Stow, John R. Weeks, Hsiao-chien Shih, Lloyd Coulter, Yu-Hsin Tsai, Andrew Kerr, and Foster Mensah. 2016. Inter-regional pattern of urbanization in southern Ghana in the first decade of the new millennium. *Journal of Applied Geography*. A

Steven Crook, Li An, John R. Weeks, and Douglas A. Stow. 2016. Latent Trajectory Modeling of Spatiotemporal Relationships between Land Cover and Land Use, Socioeconomics, and Obesity in Ghana. *Spatial Demography*. A

David López-Carr, Kevin M. Mwenda, Narcisa G. Pricope, Phaedon C. Kyriakidis, Marta M. Jankowska, John Weeks, Chris Funk, Gregory Husak, and Joel Michaelsen. 2016. Climate-Related Child Undernutrition: An Integrated Spatial Analysis Of Health Surveys, Ndvi, And Precipitation Data In The Lake Victoria Basin. *IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing*. A

Magdalena Benza, John R Weeks, Douglas A Stow, David López-Carr, and Keith C Clarke. 2016. A Pattern-Based Definition of Urban Context Using Remote Sensing and GIS. *Remote Sensing of Environment*. A

Lloyd Coulter, Douglas A Stow, Yu-Hsin Tsai, Nicholas Ibanez, Hsiao-chien Shih, Andrew Kerr, Magdalena Benza, John R Weeks, and Foster Mensah. 2016. Classification and assessment of land cover and land use change in southern Ghana using dense stacks of Landsat 7 ETM+ imagery. *Remote Sensing of Environment*. A

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

Howard Winant

Howard Winant. Foreword: *New Racial Studies, Race, and Empire*. Paola Bacchetta & Sunaina Maira, eds. c

Howard Winant. Forthcoming. *Global Raciality: Empire, PostColoniality, DeColoniality*. New York: Routledge, "A New Racial Studies Book." B

Howard Winant. Forthcoming 2017. Charles Mills for and against Black Liberalism. *Ethnic and Racial Studies Review*. 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

Howard Winant. 2017. World-Historical Du Bois. *Ethnic and Racial Studies Review*, vol. 40, no. 3. c

Appendix 2

Active Funding in 2016/2017

Amy Anderson

National Science Foundation Graduate Research Fellowship, Honorable Mention

UCSB Integrated Anthropological Sciences Graduate Student Research and Writing Grant. \$2,000.

Human Biology Association Student Member Travel Award. \$500.

Erika Arenas

CONACYT. 2016. Fourth Wave of the Mexican Family Life Survey. (Co-PI). MXN 18,550,000 pesos, \$927,500 .

W.K. Kellogg Foundation. 2017. Inclusion of the Black Population in Mexico's 2020 Census. (Co-PI). \$372,000

UC MEXUS. 2017. The Role of Documentation Status on Mental Health

Susan Cassels

UCSB. 2016-2017. Spatial models of human migration, environment, and infectious disease transmission: The case of Zika virus disease Hellman Family Faculty Fellows Program, Cassels, S (PI), \$20,000.

PIMSA Research Award. 2015-2016: Mexican migrant men who have sex with men, sexual networks, and prevention hotspots in San Bernardino County. Programa de Investigacion en Migration Y Salud Cassels, S. & Magis-Rodriguez, C. (Multiple PI), 2017 – 2019. \$30,000.

Regents' Junior Faculty Fellowship (Internal UCSB). 2015-2016. Immigration, residential mobility, and HIV risk among minority men who have sex with men. Cassels, S. (PI), Percent effort: 1 summer month, \$7,500.

NIH/NICHD R21 HD080523. 2015-2017. Mathematical models to inform effective home-use HIV testing strategies for MSM. Cassels, S. (PI). \$434,851.

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

Gary Charness

UCSB Faculty Senate Grant. 2016. \$8,600.

Devin Cornell

UCSB Network Science IGERT Innovation Grant. 2017. Culture and Discourse in the Colombian Peace Process. \$6,000.

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.

Daniel Ervin

Inter-university Training for Continental-scale Ecology (ITCE) Research-in-Residence Grant. \$2,650.

Noah Friedkin

U.S. Department of Defense. 2015-2020. Multidisciplinary University Research Initiative on Social Networks and Team Dynamics in Task-Oriented Groups. 3 UCSB PIs: Noah Friedkin, Ambuj Singh and Francesco Bullo. \$6,250,000.

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.

Angela Garcia

Wenner-Gren Foundation Dissertation Grant 2017. \$20,000.

Academic Senate student travel grant. 2017. \$585.

Graduate Research Mentorship Program fellowship. 2016. \$24,000.

Michael Gurven

National Institutes of Health/National Institute on Aging. The Human Life Course and the Biodemography of Aging. 2011-2016. PI. \$3,500,000.

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

National Institutes of Health/NIA Grant. R01. 2017-2022. Brain atrophy, cognitive impairment and Alzheimer's in a low CVD-risk population. (Joint PI: Michael Gurven, Hillard Kaplan, Caleb Finch, Gregory Thomas). \$3,773,865.

Corbin Hodges

Borlaug Fellowship. 2017. \$17,250.

Carmen Hove

National Science Foundation Graduate Research Fellowship: Spring 2016, \$138,000.

Peter Kuhn

UCSB Faculty Senate Research Grant. 2015-2016. "Is Explicit Gender Discrimination in China 'Hard' or 'Soft'?" \$3,500.

UCSB College of Letters and Science Council of Deans conference support award for Ninth Annual meeting of the Trans-Pacific Labor Seminar (TPLS). 2015-2016. \$2,500.

UCSB Department of Economics, support for Ninth Annual meeting of the TPLS. 2015-2016. \$10,000.

David Lopez-Carr

University of California Global Health Institute (UCGHI) Center of Expertise on Planetary Health. UC Counsel of Chancellors. 2016-2019. PIs D. López-Carr and W. Smith. \$600,000.

University of California, Office of the President Innovative Learning Technology Initiative (ILTI) 2016-2019. Course Development Grant: Global Population, Health, and Environment. PIs W. Smith and D. López-Carr. \$110,000.

Science for Nature and People Partnership (SNAPP) Grant. 2016-2018. Environmental levers for health: Advancing a priority agenda for Disease Ecology and "Planetary Health" in the 21st century. S. Sokolow and K. Lafferty (PIs). D. López-Carr (et al.) co-I. \$200,000.

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. 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. \$5,266,158.

University of California Global Health Center of Expertise on Migration and Health (COEMH). 2013-2016. Co-Associate Director (with Xochitl Castañeda; Directors: Marc Schenker and Michael Rodriguez). \$378,000.

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. PI A Curtis, co-P.I.s D. López-Carr, S. Sokolow, J. Sanchirico, J. Tidwell, 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.

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

U.S. Borlaug Fellows in Global Food Security Graduate Research Grant 2016-2018. \$40,000.

Alan Murray

National Science Foundation . 2017-2019. PREEVENTS Track 2: Understanding Extreme Fire Weather Hazards and Improving Resilience in Coastal Santa Barbara, California. Carvalho, L., A. Murray, C. Jones, D. Roberts and R. Church. \$ 1,508,987.

Paulina Oliva

UC Mexico. 2015-2017. Environmental Monitoring, Public Information and Climate Change. \$30,000.

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.

Maya Rossin-Slater

California Employment Development Department (EDD) Research Grant (Agreement #M6102380). 2016. "The Economic and Social Impacts of Paid Family Leave in California." Co-PI, with Kelly Bedard. \$149,471.

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.

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.

Heather Royer

National Institutes of Health. 2012-2016. Commitment Contracts for Health-Behavior Change. (with Mark Stehr and Justin Sydnor). \$447,000.

UCSB Pearl Chase Grant. 2015-2017. (with Kelly Bedard and Maya Rossin-Slater). \$5,000.

UCSB Faculty Senate Grant for Understanding the Structure of Incentives. 2014-2016. \$9,000.

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.

University of Pennsylvania/Carnegie Mellon University Roybal Center. 2015-2016. Can the endowment effect be used to increase the power of health incentives? (PI) \$17,000.

Maximilian Stiefel

European Doctoral School of Demography Research Fellow at the Max Planck Institute for Demographic Research. 2016-2017.

Sarah Thébaud

TESS: Time-Sharing Experiments for the Social Sciences Grant, 2016. Opting into Work-Family Policies: Comparing the Effects of Material and Cultural Concerns. (with David Pedulla). \$15,880.

Cascade Tuholske

2017 Earth Research Institute Graduate Fellowship. \$1,500.

2016 U.S. Borlaug Fellows in Global Food Security. \$23,835.

Katalyn Voss

Recipient, P.E.O. Scholar Award. 2017. \$15,000.

Recipient, American Geophysical Union Horton Hydrology Research Grant. 2016. \$10,000.

Fellow, Robert and Patricia Switzer Foundation Fellowship. 2016. \$15,000.

Recipient, UC Santa Barbara Department of Geography Leal Ann Mertes Scholarship. 2016.

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.

John Weeks

National Aeronautics and Space Administration. 2012-2016. Douglas Stow, PI, John R. Weeks, Co-Principal Investigator. 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. \$900,000.

The National Institute of Child Health and Human Development, 2016-2021. Adolescent pregnancy and social networks in rural Honduras. 5K01HD087551. John R. Weeks, Mentor to Holly Shakya (UCSD School of Medicine).

Appendix 3

Recognition and service

Maria Charles

Editorial Board Member, *Socius* (2017-present).

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).

Elected Member, Sociological Research Association. (2010-present).

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).

Noah Friedkin

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

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

Steven Gaulin

Co-Editor-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).

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- 2016).

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

Research Excellence Award. Population Specialty Group (PSG) of the Association of American Geographers (AAG). 2017.

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

Board member of the peer-reviewed *Journal of Environment and Development*; from 2012 and from 2014-2016 she served as its Managing Editor.

Aashish Mehta

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

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

Victor Rios

Public Understanding of Sociology Award, American Sociological Association, 2017

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).

Maya Rossin-Slater

Faculty Research Fellow, National Bureau of Economic Research. (2016-present).

Research Affiliate, Institute for the Study of Labor (IZA). (2016-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

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.

Cascade Tuholske

U.S. Borlaug Fellow in Global Food Security – 2016.

John Weeks

Recipient of Lifetime Achievement Award, American Association of Geographers Population Specialty Group, March 2016.

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).

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).

Appendix 4

Examples of Media and Public Policy contributions, 2016-17

Erika Arenas

Graciela Teruel, Erika Arenas, and Renata Flores. 2017. PROSPERA y el combate a la pobreza, *Secretaría de Desarrollo Social del México, Coordinación Nacional de PROSPERA*.

Graciela Teruel, Erika Arenas, and Renata Flores. 2017. Evaluación y seguimiento de PROSPERA Programa de Inclusión Social, *Secretaría de Desarrollo Social del México, Coordinación Nacional de PROSPERA*.

Erika Arenas, Graciela Teruel, Renata Flores. 2017. PROSPERA Programa de Inclusión Social: Combate a la pobreza con perspectiva de género. *Secretaría de Desarrollo Social del México, Coordinación Nacional de PROSPERA*

Maria Charles

The Atlantic: "Math for Girls, Math for Boys." April 2016.

<http://www.theatlantic.com/education/archive/2016/04/girls-math-international-competiton/478533/>,

KCSB Radio interview, February 18, 2016.

UC News; UCSB Current; Noozhawk. February 2016.

http://www.noozhawk.com/article/ucsb_professor_seeks_answers_for_vaster_stem_gender_gap_in_affluent_countri

Michael Gurven

General research program:

Interviewed on the Top of Mind with Julie Rose show on BYURadio: 6/13/2017

<http://www.byuradio.org/episode/c44f3499-95f1-483e-959d-48617784e29e?playhead=4272&autoplay=true>

a. Press on Horvath et al. *Genome Biology* paper:

<http://medicalresearch.com/author-interviews/u-s-hispanics-age-more-slowly-than-caucasians-and-african-americans/27070/> (me interviewed)

http://www.upi.com/Health_News/2016/08/16/Healthy-Hispanic-adults-live-longer-than-other-ethnicities-study-says/7711471374640/

<http://www.foxla.com/news/local-news/192536706-story>

<http://mynews1a.com/life/2016/08/16/hispanic-paradox-latinos-live-longer-than-other-races/>

<http://www.medicaldaily.com/hispanic-paradox-latinos-live-longer-other-races-despite-higher-rates-diabetes-395059>

<https://www.sciencedaily.com/releases/2016/08/160816085155.htm>

<http://www.actuall.com/vida/la-paradoja-hispana-los-latinos-envejecen-mas-lentamente-en-eeuu-que-otras-etnias/>

Radio interview for HECHO EN CALIFORNIA on KIQI 1010 am San Francisco and KATD 990 am in Sacramento, CA – 8/19/2016

b. Press coverage on Trumble et al. FASEB paper:

NY Times: <https://www.nytimes.com/2017/07/14/opinion/sunday/alzheimers-cure-south-america.html>

Atlantic: <https://www.theatlantic.com/science/archive/2017/01/why-does-a-gene-that-increases-alzheimers-risk-still-exist/512396/>

<https://www.sciencedaily.com/releases/2016/12/161230103543.htm>

<http://www.biosciencetechnology.com/news/2017/01/ancient-dna-can-both-diminish-and-defend-modern-minds>

<https://alzheimersnewstoday.com/2017/01/24/gene-variant-tied-to-alzheimers-and-cognitive-decline-shows-genes-environment-interplay/>

<http://www.newhistorian.com/ancient-dna-helpful-may-now-cause-cognitive-harm/7847/>

<http://eju.tv/2017/01/los-tsimane-bolivianos-envejecen-dos-anos-menos-que-el-resto-de-latinos-segun-estudio/>

c. Kaplan et al. LANCET paper – 2394 Altmetrics score: #10 of 23,478 items from Lancet, top 5% of all research outputs scored by Altmetric. 310 news stories, 18 blogs, etc. 4/1/2017

NPR: <http://www.npr.org/sections/goatsandsoda/2017/03/21/520565500/who-has-the-healthiest-hearts-in-the-world> AUDIO: <http://www.npr.org/programs/morning-edition/2017/04/03/522418464/morning-edition-for-april-3-2017>

BBC: <http://www.bbc.com/news/health-39292389>

TIME: <http://time.com/4705247/healthy-diet-heart-disease/>

Canadian Broadcasting Company: <http://www.cbc.ca/news/health/tsimane-artery-age-1.4029549>

NBC News: <http://www.nbcnews.com/health/heart-health/amazon-tsimane-people-have-healthiest-hearts-n734976>

Washington Post: <https://www.washingtonpost.com/news/wonk/wp/2017/03/17/these-people-eat-monkeys-and-piranhas-they-also-have-the-lowest-rates-of-heart-disease-ever-measured/>

Telegraph: <http://www.telegraph.co.uk/news/2017/03/18/south-american-tribe-found-have-healthiest-hearts-ever-studied/>

Independent: <http://www.independent.co.uk/life-style/health-and-families/health-news/tsimane-people-indigenous-bolivian-healthiest-arteries-world-study-south-america-lancet-a7635411.html>

Newsweek: <http://www.newsweek.com/secret-heart-disease-prevention-found-hidden-amazon-tribe-570390?rx=us>

US News & World Report: <http://health.usnews.com/health-care/articles/2017-03-17/remote-amazon-tribe-may-have-healthiest-hearts-on-earth>

David Lopez-Carr

KGOU, UC-Santa Barbara Lab Studies Interactions Between The Environment And Human Behavior. April 28, 2017.

<http://kgou.org/post/uc-santa-barbara-lab-studies-interactions-between-environment-and-human-behavior>

Independent, April 6, 2017.

<http://www.independent.com/news/2017/apr/06/ucsbs-david-lopez-carr-improves-planetary-health/>

Shelly Lundberg

<https://www.nytimes.com/2017/07/20/opinion/how-fear-of-falling-explains-the-love-of-trump.html?action=click&pgtype=Homepage&clickSource=story-heading&module=opinion-c-col-left-region®ion=opinion-c-col-left-region&WT.nav=opinion-c-col-left-regionshell>

Vocativ <http://www.vocativ.com/news/248972/how-marriage-is-becoming-less-about-gender-and-more-about-kids/>

Atlantic: <http://www.theatlantic.com/business/archive/2016/04/total-inequality/476238/>

WashingtonMonthly

http://www.washingtonmonthly.com/magazine/marchaprilmay_2016/ten_miles_square/why_is_marriage_thriving_among059894.php?page=all

1843 Magazine

<https://www.1843magazine.com/features/its-a-boy-thing>

Time Magazine, June 13, 2016 "How to Stay Married"

Jessica Marter-Kenyon

Nature podcast. March 2, 2017 (<http://www.nature.com/nature/podcast/index-2017-03-02.html>)

Heather Royer

Financial times 2016: <http://www.ft.com/cms/s/0/c7dc63c6-c9fd-11e5-be0b-b7ece4e953a0.html>

Maya Rossin-Slater

Washington Post: <https://www.washingtonpost.com/news/wonk/wp/2016/05/24/who-won-the-super-bowl-when-you-were-in-the-womb-could-have-affected-your-health/>

Time Magazine: <http://time.com/3985933/why-netflixs-parental-leave-policy-is-good-for-babies/>

Slate:

http://www.slate.com/articles/business/the_grind/2016/05/paid_family_leave_improves_babies_health_and_probably_save_their_lives_we.html

LA Times: <http://www.latimes.com/business/la-fi-family-leave-inequality-20160506-story.html>

Yahoo: <http://finance.yahoo.com/news/zuckerberg-defies-paternity-leave-stats-162404184.html#>

PBS Newshour: <http://www.pbs.org/newshour/making-sense/what-happens-when-both-mom-and-dad-can-take-paid-family-leave/>

Jenna Stearns

The Effects of Paid Maternity Leave:

The Atlantic Magazine <http://www.theatlantic.com/magazine/archive/2015/03/should-you-bring-your-unborn-baby-to-work/384977/>

IWPR & WFRN Congressional Briefing on Work-Family Research (Participant talking about effects of paid maternity leave and paid sick leave) <https://www.youtube.com/watch?v=kzYNeS2F3Oo>

Working papers:

Equal but Inequitable: Who Benefits from Gender-Neutral Tenure Clock Stopping Policies? (with Kelly Bedard and Heather Antecol):

New York Times http://www.nytimes.com/2016/06/26/business/tenure-extension-policies-that-put-women-at-a-disadvantage.html?_r=1

Sarah Thébaud

Thébaud, Sarah and David S. Pedulla. Forthcoming. Unpacking Millennial Men's responses to Supportive Work-Family Policies. *Gender & Society* Blog.

Thébaud, Sarah and David S. Pedulla. 2016. Men are more likely to take advantage of work-family policies if they think other men want to, too. *London School of Economics United States Policy and Politics Blog*. October 11, 2016.

Thébaud, Sarah and David S. Pedulla. 2016. Masculinity and the Stalled Revolution. *Gender & Society Blog*. August 29.

Thébaud, Sarah and Amanda J. Sharkey. 2016. Can a bad economy mean more gender discrimination? American Sociological Association *Work-in-Progress Blog*. May 2.

Thébaud, Sarah. 2016. "In Countries with Little Work-Family Support, Many Women Opt for Self-Employment." *London School of Economics Business Review*. January 12.

Reprint: What Helps Women Entrepreneurs Flourish? *The Society Pages*, Nov. 16.

Cascade Tuholske

How Tourism Changed the Face of Roatán. 2-24-2016. *Nasa Earth Observatory*.

What Happens When a Tiny Island Becomes a Tourist Destination? 2-24-2016 - *Pacific Standard Magazine*.

Appendix 5

2016-2017 Seminar Schedule

Fall:

Monday September 26:

Wouter Botzen (VU Amsterdam)

"Protecting Against Flood Disasters: Why Insurance and Risk Mitigation Are Complements"

Broom Visitor

October 10:

Siwei Cheng (NYU, Sociology)

"Cohort Shifts in the Structure of Life-cycle Inequality: Methods, Findings, and Perspectives"

Host: Sarah Thébaud

Monday October 24:

Joshua Goldstein (UC Berkeley, Department of Demography)

"Naming the Precious Child: Quantity-Quality Tradeoffs Before, During and After the Demographic Transition"

Host: Shelly Lundberg

Monday November 7:

Dustin Duncan (NYU School of Medicine, Department of Population Health)

"Spatial Epidemiology of LGBT Health Disparities: Methods and Challenges."

Host: Stuart Sweeney

Monday November 21:

David Lawson (UC Santa Barbara, Anthropology)

"Child Brides in Tanzania: International Development, Anthropology and 'Saving Children'."

Winter:

Monday January 9:

Doug Massey (Princeton, Sociology)

"America's Immigration Policy Fiasco"

Host: Edward Telles

Monday January 23:

David Brady (UC Riverside, Public Policy)

"Race, Childhood Economic Resources and Life Chances in Adulthood in the U.S."

Host: Maria Charles

Monday February 6:

Brenda Major (UC Santa Barbara, Psychology)

"The Threat of Increasing Diversity: Why Many Whites Supported Trump in the 2016 Presidential Election"

Monday February 27:

Dan Lichter (Cornell University, Human Ecology)

"Toward a New Macro-Segregation? Ethnoracial Diversity and Changing U.S. Settlement Patterns"

Host: Alan Murray

Monday, March 20:

Amy Non (UC San Diego, Anthropology)

"Epigenetic Embodiment of Early Life Adversity as a Mechanism for Perpetuating Health Disparities"

Host: Mike Gurven

Spring:

Monday April 10:

Craig Hadley (Emory, Anthropology)

"Testing Competing Models of the Relationship Between Body Shape & Human Health in a Global Sample of Women and Children."

Host: Mike Gurven

Monday April 17:

Martha Bailey (University of Michigan, Economics)

"Prep School for Poor Kids: The Long-Term Effects of Head Start on Adult Outcomes"

Hosts: Heather Royer

Monday May 8:

Myron Gutmann (University of Colorado, History)

"Moving West: who moved to California in the 1930s, where they came from, and why we think they moved"

Host: Shelly Lundberg

May 22:

Narayani Lasala-Blanco (UC Santa Barbara, Political Science)

"Where There's a Will There isn't Always a Way: The Impact of Local Institutions on Immigrant Political Participation"

Monday June 6:

Erika Arenas (UC Santa Barbara, Sociology)

"Remittance Sending and the Mental Health of Mexican Immigrants in the United States"

Appendix 6

2017 Workshop Agenda

Gender Inequality in STEM Education and Occupations

Broom Demography Center Workshop

Monday May 1, 2017
Mosher Alumni House
University of California,
Santa Barbara

Organizers: Maria Charles, Shelly Lundberg, Sarah Thébaud

Agenda

- | | |
|--------------------|---|
| 8:15-8:45 | Continental breakfast |
| 8:45-9:00 | Welcome: Maria Charles, Broom Center Director
Leila Rupp, Interim Dean of Social Sciences |
| Session 1 | <u>STEM in the Academy: Organizational Processes</u>
(30 min. talks, incl. 10 mins. Q&A) Chair: Maria Charles |
| 9:00-9:30 | Bruce Weinberg , Ohio State University, Economics: "Gender, Peer Effects, and Outcomes in Doctoral STEM Programs" |
| 9:30-10:00 | Kim Shauman , UC Davis, Sociology: "Who Applies for STEM Faculty Positions? Gender and Racial Differences in Applications and Qualifications" |
| 10:00-10:15 | Break |
| 10:15-10:45 | Dafna Gelbgiser (Cornell University, Center for the Study of Inequality) "Green for All? Gender Segregation and Emerging Green Fields of Study in US Higher Education." |
| 10:45-11:15 | Stefanie Fischer (Cal Poly – San Luis Obispo, Economics) "The Downside of Good Peers: How Classroom Composition Differentially Affects Men's and Women's STEM Persistence" |
| 11:15-11:45 | Group Discussion |

- 11:45-1:00** **Lunch**
- Session 2** **STEM in the Academy: Interactional and Cultural Processes**
Chair: Sarah Thébaud
- 1:00-1:30** **Sapna Cheryan** (University of Washington, Psychology) “Why are some STEM Fields Less Gender Balanced than Others?”
- 1:30-2:00** **Mary Blair-Loy** (UC San Diego, Sociology) “Hiring in Academic Engineering: Are There Gender Differences in Interruptions of Job Talks?”
- 2:00-2:30** **Catherine Taylor** (Indiana University, Bloomington, Gender Studies and Sociology) “‘The Women Always Fail Thing’: The Specter of Motherhood in the Careers of Young Scientists and Engineers”
- 2:30-3:00** **Group Discussion**
- 3:00-3:15** **Break**
- Session 3:** **STEM in the Workplace** Chair: Shelly Lundberg
- 3:15-3:45** **Sharon Sassler** (Cornell University, Policy Analysis and Management) “Girls that Code: Estimating the Returns to Gender among Computer Science Professionals”
- 3:45-4:15** **Erin Cech** (University of Michigan – Ann Arbor, Sociology) “Queer in STEM? Emergent Research on LGBTQ Inequality in Science and Engineering Fields”
- 4:15-4:45** **Donna Ginther** (University of Kansas, Economics) “Why Do Women Leave Computer Science and Information Technology Jobs?”
- 4:45-5:15** **Group Discussion**

Guest List

Sarah Bana, UCSB
 Dana Bardolph, UCSB
 Kelly Bedard, UCSB
 Madeline Becker, UCSB
 Denise Bieibly, UCSB
 Sari Blakeley, UCSB
 Monica Carney, UCSB
 Susan Cassels, UCSB
 Maria Charles, UCSB
 Anna Chatillon, UCSB

Devin Cornell, UCSB
Trea DePrima, UCSB
Kathy Espino-Pérez, UCSB
Sathya Guruswamy, UCSB
Mike Gurven, UCSB
Laura Halcomb, UCSB
Nicole Innaccone, UCSB
Brooke Klooster, UCSB
Peter Kuhn, UCSB
Kyle Lewis, UCSB
Tina Laufey Ásgeirsdóttir, University of Iceland
Shelly Lundberg, UCSB
Lisa McAllister, UCSB
Aashish Mehta, UCSB
Victoria Newhall, UCSB
Alaxandra Ornelas, UCSB
Eunjeong Paek, USC
John Protzko, UCSB
Heather Royer, UCSB
Natalie Sigala, UCSB
Jenna Stearns, UCSB
Sarah Thébaud, UCSB
Cathy Weinberger, UCSB
Anne Wong, UCSB
Rujun Yang, UCSB

Appendix 7

2016-2017 Broom Visitors

Wouter Botzen (VU Amsterdam, Netherlands. Professor of Economics)

August to October 2016.

Toon Haer (VU Amsterdam, Netherlands. PhD Student, Environmental Studies)

September to November 2016

Hans Henrik Sievertsen (The Danish National Centre for Social Research, Graduate Student)

January to March 2017.

Jens de Bruijn (Amsterdam University, Denmark. Graduate Student)

May, 2017.

Lars de Ruig (Amsterdam University, Denmark. Graduate Student)

May, 2017.

Nico Pestel (Institute for the Study and Labor, IZA, Germany. Senior Research Associate, Economics)

October, 2016

Tinna Laufey Ásgeirsdóttir (University of Iceland. Associate professor of Economics)

August, 2016 to June 2017.

Ricard Zapata Barrero (Universitat Pompeu Fabra, Spain. Professor of Political and Social Sciences)

June to September, 2017.

Appendix 8

Grants Awarded to Broom Graduate Associates

2017 Graduate Student Research and Training (GSRT) Awards

Elizabeth Agey

Anthropology

Travel and living costs with conducting research in Nepal.

Awarded \$2,000

Corbin Hodges

Geography

Travel, room and board while collecting data in Guatemala City, Mexico.

Awarded \$2,000

Karly Miller

Interdepartmental Graduate Program in Marine Science

Travel, lodging for research and fieldwork in Columbia.

Awarded \$2,000

Amanda Pinheiro

Global Studies

Travel and living costs for fieldwork in Tijuana, San Diego and Los Angeles.

Awarded \$2,000

Maximilian Stiefel

Geography

Attend the Oxford Summer School: Integrating Genetics and Social Science.

Awarded \$2,000

Cascade Tuholsky

Geography

Travel and living expenses for conducting research and in Lusaka, Zambia.

Awarded \$2,000

2017 Dean's ICPSR Grants

Sara Bana

Economics

Travel and registration costs for ICPSR Workshop, Machine Learning: Applications and Opportunities in the Social Sciences at the University of Michigan.

Awarded \$2,000

Kevin Mwenda

Geography

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

Awarded \$2,000

2017 PAA Travel Grants

To attend and present papers at the 2017 Population Association of America (PAA) Conference in Chicago, IL.

All Awarded \$500

Jaqueline Banks, Geography

Jessica Marter-Kenyon, Geography

Kevin Mwenda, Geography

Maximilian Stiefel, Geography

Appendix 9

Broom Lab Methods Mini-Courses and Graduate Student Presentations

Fall 2016

Introduction to ATLAS.ti

A 2-hour mini-course on uploading, coding, and analyzing qualitative data with ATLAS.ti. Prior experience with ATLAS.ti not required.

Corrie Grosse, Sociology

Friday, October 21, 12:00-2pm; 2:00-4:00pm

Social Sciences & Media Studies Building Rm 1301

Agricultural Productivity and Deforestation: Evidence from Input Subsidies and Ethnic Favoritism in Malawi.

Conor Carney, Economics

October 17, 1:00-3:00PM

Grad students and faculty are encouraged to attend; it's in our usual place and time (NH 2111, 1pm).

Linking Rapid Population and Tourism Growth with Thirty Years of Land Use-Cover Change in Roatan, Honduras.

Cascade Tuholske, Geography

November 14, 1:00-3:00pm

Spring 2017

The Role of Men's and Women's Agency in Fertility in Dakar, Senegal.

Jacky Banks, Geography

April 24, 1:00-3:00pm

Relational Approaches to Understanding Political Ideology.

Devin Cornell, Sociology

May 15, 1:00-3:00pm

Appendix 10

Interdisciplinary PhD Emphasis in Demography

The departments of Anthropology, Economics, Geography, and Sociology are now offering, in cooperation with the *Broom Center, a PhD Emphasis in Demography*. The goal of this program is to give doctoral students in the four core disciplines an opportunity to gain a broader interdisciplinary understanding of concepts and methods in population-related research, beyond the resources available in their home departments. Participation in the Demography Emphasis is independent of the doctoral curriculum and degree requirements established by a student's home department. Upon completion of the requirements, the student will receive a Demography Emphasis certificate when their disciplinary PhD is awarded.

Rationale:

Demography is an interdisciplinary field in the social sciences that focuses on the study of human populations. Increasingly broad in scope, demography now incorporates research on population health, family structure and gender relations, and human-environment and hormone-behavior interactions, as well as the traditional topics of fertility, mortality, and migration. Methodologies developed in one field are crossing disciplinary boundaries as well, with spatial techniques, the collection and analysis of biomarkers, econometric methods, field and laboratory experiments, and qualitative methods such as structured interviewing becoming broadly used across the demographic sciences. Expertise in demography is highly valued in academic and policy environments as a rigorously empirical and multidisciplinary science. A PhD Emphasis in Demography will provide graduate students with both core training in demography and opportunities to gain access to methodological expertise in other departments and to interact with faculty in fields other than their own.

Requirements (in addition to departmental PhD requirements):

- 1. Core course in demography.** Each student will be required to take GEOG 254: Population Geography, usually during their first year in the program. This course will focus on the analysis of human population dynamics through fertility, mortality, and migration. The core course will usually be offered during winter quarter.
- 2. Population studies courses.** Each student must complete three demography-related courses, at least one of which must be outside the student's own discipline. A list of currently-eligible courses in the four departments appears below.
- 3. Regular attendance at the Broom Center Seminar.** Regular attendance at the biweekly Broom Center seminar for two years (defined as attending at least 80% of all regular seminars) will be required for students enrolled in the Demography Emphasis.

4. Demography seminar/reading group. All students in the Emphasis must attend a one-quarter reading group (ECON 290DM), usually in spring of their first year in the program, that focuses on reading and discussing key research in demography across the participating disciplines.

5. Broom graduate student seminar presentation. Each student will be expected to present their research in the Broom Center’s “lab lunch” informal seminar for graduate students.

6. Dissertation topic. Completed dissertations that qualify for the Emphasis must consist of (or include, in the case of multi-project dissertations) research with a strong focus in demography, and the committee must include least one Emphasis core faculty member.

How to Apply for Admission to the Demography Emphasis Program

Students enrolled in the PhD programs in the departments of Anthropology, Economics, Geography, and Sociology are eligible to apply for enrollment in the Demography Emphasis. As a rule, applications will be accepted each spring for admission the following fall. Applications should be emailed to the Emphasis director, Shelly Lundberg (slundberg@ucsb.edu) and will consist of a letter outlining the student’s proposed plan of study and dissertation research. In general, students will apply during their first or second year of study at UCSB and begin the program during the subsequent fall quarter. If the student has an advisor, a letter of support should accompany the application.

Eligible population courses:

Anthropology: ANTH 245. Anthropological Demography and Life History (Gurven)
 ANTH 253. Human Biology Laboratory Methods (Blackwell)
 ANTH 256. Modeling Social Behavior (Gurven)
 ANTH 257. Human Behavioral Ecology Theory and Method (Gurven)
 ANTH 276. Culture Contact and Interaction (Smith)

Geography: GEOG 241A-C. Population Geography (Lopez-Carr, Sweeney)

Sociology: SOC 226. Seminar on Immigration (Telles)
 SOC 234. Social Inequalities (Charles)
 SOC 245A. Seminar on Gender (Thébaud)
 SOC 246. Seminar on the Life Course (Bielby)
 SOC 248MA. Social Network Analysis (Friedkin)
 SOC 272. Race, Crime, and Punishment (Sutton, Rios)

Economics: Labor Economics sequence: ECON 250A-C (Kuhn, Bedard, Rossin-Slater, Royer)
 ECON 250D Population Economics (Lundberg)
 [Note: This course has no economics prerequisites]