

broom center for demography

University of California, Santa Barbara



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

Annual Report 2024

Broom Center for Demography

University of California, Santa Barbara

2024 Annual Report

The Leonard and Gretchan Broom Center for Demography is an interdisciplinary research center at the University of California, Santa Barbara. Its 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 race and ethnicity, immigration status, gender and sexuality, 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. The Center's physical space is located on the ground floor of North Hall and consists of faculty, administrative, and visitor offices, graduate student commons, and a computer lab. This report describes the Center's activities during its 13th year of operation, from July 1, 2023 through June 30, 2024.

The Broom Center for Demography was established in October 2011 with generous funding from Leonard and Gretchan Broom and under the leadership of Founding Dean Melvin Oliver and Inaugural Director Peter Kuhn. Leonard Broom was a distinguished professor of sociology whose seven-decade long academic career included appointments at UC Los Angeles, University of Texas at Austin, the Australian National University, and most recently UC Santa Barbara. Leonard Broom served as editor of sociology's flagship journal, *American Sociological Review* (1955-57) and he coauthored (with Philip Selznick, UC Berkeley) one of the first and most successful textbooks in sociology, *Sociology: A Text with Adapted Readings*, originally published in 1955. Leonard Broom's early research on the effects of US internment of Japanese-Americans during WWII made him an early public critic of that policy and shaped a lifelong interest in social inequality that lives on in the Broom Center's thematic foci.

Professor Susan Cassels (Geography) currently directs the Broom Center. Mike Gurven is the Center's Associate Director, Shelly Lundberg is the Leonard Broom Professor of Demography, and Trea DePrima is the Program Administrator. Geography graduate student Gabrielle Husted served as Manager of the Social Demography Lab during the 2023-24 academic year. The 2023-24 Advisory Board consisted of Maria Charles (Sociology), Michael Gurven (Anthropology), Susan Cassels (Geography), Shelly Lundberg (Economics), Heather Royer (Economics), and Erika Arenas (Sociology), plus two ex officio members: the Director of the Institute of Social, Behavioral, and Economic Research (ISBER), Kelly Bedard and SAGE Sara Miller McCune Dean of Social Sciences, Charles R. Hale.

The Broom Center currently consists of 37 faculty and postdoctoral *Research Associates* and 47 *Graduate Associates* spanning ten disciplines (Anthropology; Asian American Studies; Bren School of Environmental Science & Management; Chicana and Chicano Studies; Economics; Geography; Global Studies; Political Science; Psychology; and Sociology). Seven new faculty joined the Broom Center as research associates during this last year, and nine new graduate students became graduate associates.

Below, we report on Broom associates research, grants, awards, and other Broom programming in the last year. In addition to those, it is important to note additional ways in which the Broom Center adds value to our scientific community on campus. Broom associates reported that "the Broom Center

has been invaluable in my development as an academic,” through building connections, providing opportunities to disseminate work to broader audiences, and by increased understanding of interdisciplinary work. A number of associates stated that the Broom Center has cultivated a supportive community of peers and faculty across multiple disciplines. Connections made through Broom Center programming have also led to new, productive collaborations. Two noteworthy collaborations were born out of the 2022 Workshop on Population Health of Sexual and Gender Minorities. Broom associate Cate Taylor and keynote speaker Bethany Everett connected over shared research interests, and recently co-authored a paper in the flagship journal *American Sociological Review* on abortion and women’s future socioeconomic attainment. Broom associate Susan Cassels and local UCSB speaker from the workshop Terrell Winder began to collaborate after the workshop, and recently were awarded a 5-year NIH grant on racial equity and sexual health of sexual minority men.

Broom Research and Graduate Associates spent an active research year in 2023/24, together producing more than 128 peer-reviewed journal articles, book chapters, books, and other items.¹ Active research grants totaled more than \$31 million, including from the National Institutes of Health, National Institutes on Aging, National Institute of Environmental Health Sciences, National Science Foundation, National Aeronautics and Space Administration, Russell Sage Foundation, US Department of Defense, and W.K. Kellogg Foundation. **Appendices 1 and 2** list publications and grants, respectively. A searchable list of [Broom Center publications](#) is available on the Center’s website. Research highlights under each of six thematic areas are discussed further on.

Broom Center researchers continue to collect new honors and awards. These are listed in **Appendix 3**. A few highlights include Liz Ackert being named as one of the inaugural fellows of the Association of Population Centers. John Weeks continued to serve as the Population Association of America (PAA) historian. Susan Cassels received a 2023-24 UCSB academic senate distinguished teaching award, while Sigrid Van Den Abbeele received a UCSB graduate student association excellence in teaching award. Katie McMahon won a Schmidt Family Foundation accelerator award. Shelly Lundberg is an elected member of the American Academy of Arts and Sciences. Many of our Broom center researchers continue to serve on dozens of editorial and advisory committees as well.

Research by Broom Center Research and Graduate Associates received significant media attention in 2023-24. **Appendix 4** lists some examples. Broom associate Amy Boddy received quite a bit of press coverage for her research on evolution, human health, and microchermism, including in *the Vox*, *The Scientist*, and *The Atlantic*. The UCSB Current also picked up on a number of Boddy’s work, including an art show ‘Originalia,’ which celebrates the human reproductive system, which she-co-advised with other Broom associates Kristine Chua and Hannah Frogge. Susan Cassels and Sean Reid’s research on geographic mobility and sexual health among Latino migrants was summarized in a UC Global Health Institute newsletter. Mike Gurven’s work was covered in high-profile outlets including BBC News and MSN.com. Heather Royer’s work on maternity ward closers garnered attention from *Axios*, and Sandy Sums’ research on unequal impacts of drought-related water pollution was covered by *The Hill*.

The Broom Center hosted another successful [Seminar Series](#) during the 2023-24 academic year (see **Appendix 5**). These seminars took place every other Monday afternoon in North Hall from 1:00 – 2:15. The seminars were followed by dedicated time for speakers to meet with graduate student associates. The series featured research talks by distinguished speakers from UCSB and around the

¹ The count of publications in Appendix 1 includes all items that were published in 2023 or 2024, or forthcoming at the time of this writing. To ensure comparability over time, the Center uses the same approach in all its reports. “Other items” include encyclopedia entries, proceedings and reprints.

state, country, and world. This last year's lineup included **Erika Arenas** (UCSB, Sociology), **William Scarborough** (University of Northern Texas, Sociology), **Zane Thayer** (University of Dartmouth, Anthropology), **Carole Joffe** (UC San Francisco, Obstetrics, Gynecology & Reproductive Sciences), **Juan Pedroza** (UC Santa Cruz, Sociology), **David Silver** (UCSB, Economics), **Maria-Elena Young** (UC Merced, Public Health), **Awa Ambra Seck** (Harvard, Post-Doc at Weatherhead Center for International Affairs), **Mackenzie Alston** (University of Illinois, Economics/Finance), **Hannes Schwandt** (Northwestern, Human Development and Social Policy), **Chris Fowler** (Penn State, Geography), **Brooke Scelza** (UCLA, Anthropology), **Sam Urlacher** (Baylor, Anthropology), **Rebecca Dizon-Ross** (University of Chicago, Booth School of Business, Economics), **Siwan Anderson** (Vancouver School of Economics). **Appendix 5** provides more information on talks and speakers.

The Broom Center sponsored a mini-conference on May 30th & 31st, 2024 on "Immigration and Mental Health: Structural Factors Driving Mental Health Inequities (see **Appendix 6** for the description and program). Broom associates Erka Arenas and San Juanita Garcia organized the workshop, which was co-sponsored with the Chicano Studies Institute and the UCGHI Center for Gender and Health Justice. The mini-conference aimed to amass experts from various disciplines to discuss the current state of the field of migration and mental health, and to showcase research presentations highlighting the structural factors driving mental health inequities. Another goal of the mini-conference was to expose students and faculty to the importance of mentorship/sponsorship, collaborations, and the critical role that research can play in building community in the process of generating new knowledge. A total of 15 invited speakers from across the U.S. gave excellent presentations, and the workshop was attended by a wide range of faculty and students at UCSB.

The Broom Center awarded its eleventh set of *Graduate Student Research and Travel (GSRT) grants* in April 2024. GSRT awards support dissertation research and attendance at training programs in demographic methods for qualifying Broom Graduate Associates. In the most recent GSRT funding round, 6 students received a total of \$10,970.00. UCSB Broom associates participated in the All-UC Demography conference at UCLA. Four students' papers were accepted and presented. A total of 5 faculty and 7 graduate associates attended this conference, with \$900.00 supporting student travel. Broom graduate associate **Esaú Casimiro Vieyra** won 2nd place in the poster competition. **Appendix 7** provides a complete list of the Center's 2023-24 awards.

The Broom Center's *social demography computer lab*, located in North Hall, offers a graduate-student commons and meeting space, desktop computers and software ranging from the qualitative data analysis package Atlas.ti, to statistical packages like Stata, SAS and SPSS, to flexible programming languages like Matlab and R. Support on software, statistics, and study design is offered by a graduate student lab assistant, Gabrielle Husted (Geography). The Broom computer lab continued to be improved and has a collaborative workspace, a large wall-mounted video display for presentations, two laptop-docking stations, two computer workstations, and a common room for socialization and collaboration.

The Human Biodemography Laboratory is a fully functional BSL-2 wet lab that allows measurement of stress biomarkers, immune function, nutritional status, infection, and reproductive hormones to explore the individual and population-level determinants of human health from infancy to old age. Specializing in high-throughput biomarker quantification in blood, urine, and saliva, this facility serves UCSB researchers and others interested in biological aspects of human health and development

in clinical, field, and experimental settings. Following a COVID-related shutdown, the lab has resumed its operations under the leadership of Broom Biodemography Area Director Michael Gurven.

Since 2015, the Broom Center has coordinated an *Interdisciplinary PhD Emphasis in Demography* that allows students in Anthropology, Economics, Geography, Global Studies, and Sociology to add a Demography emphasis to their doctoral 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, Emphasis students read work of UCSB demographers, meet with Broom faculty affiliates and Seminar speakers, and discuss their own preliminary research plans. More than a dozen students from four departments are participating in the program, and six have officially graduated with an emphasis. An overview of the PhD Emphasis and its requirements can be found in **Appendix 8**.

We are proud to report that several Broom Graduate Associates finished their degrees during the 2023/24 academic year and have moved on to new positions in academia, government, and beyond. Recent graduates include Elizabeth Agey (PhD 2024) is a Postdoc at UCSB in Psychology, Jason Budge (PhD 2024) Data Scientist, California Department of Public Health, Covered California, Rujun Yang (PhD 2024) Data Scientist, California Department of Education, Community Colleges Chancellor's Office, Yixin Chen (PhD 2024) postdoc New Mexico Tech, Anna Jaskiewicz (PhD 2024) Assistant Professor at University of Scranton, Eunseo Kang (PhD 2024) Assistant Professor Calvin University, Sarah Papich (PhD 2024) Office of the Comptroller of the Currency, Xhulio Uruci (PhD 2024) Keystone Strategy. Others include Rachel Green (PhD 2024) Data Scientist on the Research and Analysis Team at Direct Relief, Amanda Pinheiro (PhD 2024) Assistant Teaching Professorship at Georgetown University and Sophia Arabadjis (PhD 2024), Postdoc for Implementation Science and Population Health program at the City University of New York.

Research and education at the Broom Center are organized into six overlapping interdisciplinary areas: Family, Biodemography and Evolution, Population Health and Environment, Sex and Gender, Education and Health, and Immigration, Race and Ethnicity. Each is guided by an area director, who also sits on the Broom Center Advisory Board. Reports on the Center's research areas follow.

Research Highlights: Family Demography

The Broom Center's Family Demography area is directed by Shelly Lundberg, who is also the Broom Professor of Demography. In total, 13 Research Associates and 19 Graduate and Postdoctoral Associates from Sociology, Economics, Anthropology, Political Science, Geography, and Chicana and Chicano Studies conduct research and publish within this theme. There are strong research connections across research areas at the Broom Center, with work in Family Demography also contributing to knowledge in the areas of Sex and Gender, Biodemography and Evolution, and Population Health and Environment.

During the past year, more than a dozen publications by our associates that are described in this report under these areas also have important implications for the structure and actions of families, and for the wellbeing of individuals in a family context. Notable examples include research on family access to medical services such as the work of Broom Research Associates **Heather Royer**, **David Silver**, and colleagues on the variability of and access to obstetrical services, research by Research Associate **Elizabeth Ackert** on spatial aspects of health care access for children in Latino/a families, and work by Associate **Cate Taylor** on the socioeconomic and personal consequences of abortion and abortion restrictions. Research by Associate **David Lawson**, Graduate Associate **Joseph Kilgallen**, and colleagues

on misperception of peer beliefs concerning gender norms among men in Tanzania has significant implications for gender equity and family decision-making, as does work by Broom Postdoctoral Scholar **Stephanie Fox** on the evolution of women's cooperation.

Research Highlights: Biodemography and Evolution

The Broom Center's Biodemography area is directed by Michael Gurven. Now in its thirteenth year, this area hosts ten faculty research associates and thirteen graduate student/postdoctoral associates, spanning anthropology, geography, economics and sociology departments.

Area publications demonstrate the value of evolutionary and ecological approaches on a variety of themes that span across the social and life sciences. Twenty-nine publications from Sept 1, 2023-Aug 31, 2024 appear in diverse, prestigious journals, such as *PNAS*, *Science Advances*, *Proceedings of the Royal Society B*, *PLoS Biology*, and *Evolution Medicine & Public Health*.

As part of an NIH/NIA Research Centers Collaborative Network panel on Aging, Race, and Health Disparities, Broom associate **Nicole Thompson González** coauthored a guide to disseminate strategies and recommendations for mitigating disparities in healthy aging (*J of Gerontology B*). Her interest in health disparities spans across primates. In a recent synthesis (*Neuroscience & Biobehavioral Reviews*), **Thompson González** and colleagues lays out a research agenda to test the notion that social selectivity, widely observed in humans, is an adaptive strategy common to social animals, to balance the costs and benefits of navigating social environments in the face of age-related functional decline.

Broom faculty **David Lawson** studies how beliefs about gender norms and ideology affect strategies of achieving gender equality throughout sub-Saharan Africa. In his NSF-funded research in Tanzania, In *Evolutionary Human Sciences*, **Lawson** and colleagues study how men's beliefs about gender roles are influenced by social learning and perceptions of peer support for inequitable norms in Tanzania. While men tend to overestimate peer support for gender inequity, this overestimation is modest and more pronounced among those with inequitable beliefs, particularly older and less educated men, suggesting that limited social information contributes to these misperceptions.

Broom faculty associate **Amy Boddy** studies the evolutionary and ecological components of human health, with a focus on cancer. In *Cancer Discovery*, **Boddy** and colleagues analyze the largest assembly to date of cancer cases across the animal kingdom. They find that body weight, gestation time, and somatic mutation rates explain part of the variation in cancer prevalence across species. In a companion study, they report that vertebrates with higher hereditary risks (from germline mutations) also show higher cancer rates (*Evolution, Medicine & Public Health*). Discovering why some species have particularly high or low levels of cancer may lead to a better understanding of cancer syndromes and novel strategies for cancer management and prevention. In a comparison of cancer rates in bird species (*Evolution, Medicine & Public Health*), they find that birds with small clutches get less cancer, suggesting a trade-off between reproduction and somatic maintenance.

Michael Gurven's research group generated new findings on aging and health, as part of his ongoing NIH/NIA-supported Tsimane Health and Life History Project. In *PLoS Biology*, they employed rich sociodemographic, geographical and epidemiological data to model the potential spread of COVID-19 in Tsimane Amerindian territory, and considered the effects of various interventions that guided on-the-ground surveillance efforts. The stochastic network model accurately predicted the observed village-wide and population-wide cumulative incidence of COVID-19, and showed that most available options for interventions were unlikely to be successful, even had they been effectively employed. In *PNAS*,

Gurven and colleagues showed that a type of evolutionary mismatch (“embarrassment of riches”) can help explain disparate epidemiological patterns of dementia and brain aging: recent changes in diet, activity, and other environmental exposures predict positive associations between food energy and late life brain volume in the physically active, food-limited past, but excess body mass and adiposity would be associated with reduced brain volume in industrialized societies at middle and older ages. Consistent with those expectations, they find that brain aging outcomes are optimized at intermediate lifestyle values. Their findings suggest that slowing cognitive aging requires understanding how our evolved biology interacts with conscious goals in relation to eating, exercise, and physiology. These studies, and his broader project in Bolivia studying Tsimane health and aging was the subject of a recent BBC broadcast that was covered widely by international press.

Our graduate/postdoctoral associates have also been productive. In *Animal Behaviour*, **Stephanie Fox** showed how female association patterns in wild chimpanzees are stable over longer periods than previously believed, and showed the importance of social tolerance as a stable relationship attribute that can predict and explain patterns of behavior and social network structure, distinct from or in the absence of, affiliation. Former Broom associate **Carmen Hové** along with **Kristine Chua** studied the effects of at-the-nipple breastfeeding and other infant feeding methods on maternal immune function in US mothers. They found significant differences in immune responses between women who exclusively breastfed and those who did not, suggesting that varied lactation practices impact maternal physiology, particularly the expression of inflammation. **Katherine Sayre** contributed to a major *JAMA* paper showing that higher sedentary activity among UK Biobank participants predicts incident dementia. Though sedentary behavior has been long linked to cardiovascular risk, prior to this study, its relationship to dementia was unclear. This paper received much international coverage, including from *Washington Post*, *The Independent* and *Newsweek*.

Research Highlights: Population Health and Environment

Professor Susan Cassels (Geography) directs the Center’s Population Health and Environment research area, and is the current Director of the Broom Center. This area has 23 graduate student associates, 2 postdoctoral researchers, and 9 faculty research associates spanning multiple disciplines. Recent research in this area includes studies of spatial variation in health outcomes, environmental health, and spatial demography. Faculty and graduate associates affiliated with the Population Health and Environment area have used innovative techniques to advance our understanding of, and solutions to, population health inequities locally and globally. An overview of our affiliates’ recent scholarship is described below.

One of the key themes from our research affiliates’ work is to identify and explore spatial variations in population health outcomes. Broom faculty associates **Heather Royer** and **David Silver** examined temporal trends, geographic variations, and county-level associations between risk-adjusted C-section rates and outcomes for both infants and mothers. Further, **Royer** and colleagues examined how loss of hospital-based obstetric units affects maternal and infant health. They found that closures lead mothers to experience a significant change in birth procedures such as inductions and C-sections. Broom graduate associate **Sean Reid** and colleagues identified spatial variation of HIV pre-exposure prophylaxis reversal and abandonment across counties identified as priorities for the Ending the HIV Epidemic initiative in the United States.

Many Broom center associates are experts in geo-social drivers of Latino/a population health inequities. **Liz Ackert** and colleagues concluded that more health care access barriers exist for children, particularly Latinx children of immigrants, in new versus established Latinx destinations. **Kristine Chua’s**

paper suggested that the post 2016 election political environment, anti-immigrant rhetoric, and subsequent policies were sources of stress for Latinos residing in the United States. **Esaú Casimiro Vieyra** and colleagues published an article in the *Hispanic Journal of Behavioral Sciences* in which they identify that perceived immigrant integration was associated with lower levels of psychological distress and better self-rated health among Latinx immigrants.

A number of projects stemming from Broom associates addressed how differential environmental exposures lead to health inequities. **Sandy Sum**, a Broom graduate associate, published a solo-authored article in the *American Journal of Public Health*, concluding that community water systems serving majority Latino/a communities show persistently higher and more variable drinking water nitrate levels. Impending droughts driven by climate change may further increase drinking water disparities and arsenic threats. Collaborative work among Broom associates (**Susan Cassels, Liz Ackert, Stuart Sweeney**), led by graduate associate **Gabrielle Husted**, found that historically disadvantaged groups had higher predicted phthalate levels, suggesting that differences in socio-demographic factors could be leading to unequal exposures to micro-plastics.

Methods in spatial demography continue to be a strength of our Broom center associates, and often these methods are applied to questions of population health and environment. **Sophia Arabadjis** and **Stuart Sweeney** describe how traditional residuals obscure important spatial patterns indicative of true geographical variation. They demonstrate this point using observational healthcare data and survival analysis contexts, but also highlight potential applications for detecting observed hospital service areas in an article published in *Spatial and Spatio-temporal Epidemiology*. **John Weeks** and colleagues examined whether and how spatial autocorrelation in model residuals might generate bias in regression coefficients when explaining women's body mass index (BMI) across urban and rural areas. **Sean Reid** and colleagues used innovative data and novel machine learning techniques to demonstrate that wealth-related factors consistently explain the largest variance and are the most common element in social vulnerability. **Alan Murray** and his co-authors continued to use spatial optimization techniques, spatial demography, and GIS methods to address questions of transportation, wildfire risk, geographic mobility, environmental health and gerrymandering.

Research Highlights: Sex and Gender

The Sex and Gender thematic area, coordinated by Sociology Professor Maria Charles, is comprised of 34 affiliates – 18 graduate students and 16 faculty and postdoctoral scholars – from numerous UCSB departments, including Anthropology, Economics, Geography, Marine Science, Political Science, Psychology, and Sociology. Sex and Gender Area researchers use diverse methodological approaches to interrogate socioeconomic outcomes and cultural beliefs related to gender and sexuality in the United States and around the world. Topics range from gendered identities, attitudes, interactions, and institutions to the modeling of local and global variability in employment, education, family structures, and ideology.

Over the past academic year, the Broom Center's Sex and Gender scholars have continued to produce rigorous, peer-reviewed scholarship on pressing national and global issues. Sociology Professor **Catherine Taylor** has completed two high-profile studies on the socioeconomic and personal consequences of abortion and abortion restrictions, with resultant articles appearing in two of the most selective and impactful U.S. sociology journals. "Abortion and Women's Future Socioeconomic Attainment" is forthcoming in *American Sociological Review* (with Bethany Everett). Based on data covering a 25-year period, results show a positive association between teenagers' access to abortion and women's later socioeconomic mobility and stability. Also by **Catherine Taylor**, "Overlooked

Consequences” considers life and health implications of restrictive abortion laws in the United States. Interviews on family planning conducted after the Supreme Court’s Dobbs decision reveal how laws prohibiting use of abortion to end unwanted pregnancies can prevent treatment of serious medical complications that may arise during wanted pregnancies – because the same medical procedures are used for both. This article appeared in the American Sociological Association’s publicly facing journal *Contexts* (2024), as did “We Will Survive” by Professor Emerita **Verta Taylor** on the history of the LGBTQ movement and its persistence in the face of rights retrenchment.

In other policy-relevant Sex and Gender research, economist **Kajari Saha** examines causal effects of international trade on the gender wage gap in India. “The China Trade Shock and the Gender Wage Gap in India” (*Indian Economic Review* 2024) documents increasing gender wage gaps in districts with higher Chinese import rates. Importantly, this effect is also found within the casual labor and rural sectors, where many Indian women work.

Broom’s Sex and Gender Area associates have also published important research on the social psychology of gender. In “Misperception of Peer Beliefs Reinforces Inequitable Gender Norms among Tanzanian Men,” anthropologist **David Lawson** and coauthors document how beliefs about gender-appropriate behaviors are shaped by social learning in an urbanizing community in Tanzania (*Evolutionary Human Sciences* 2024). Unlike previous research on this phenomenon, which has relied mostly on self-reported beliefs, this study adds wife-reported measures of men’s gender role ideology to confirm a tendency for men, especially older and poorly educated men, to overestimate their peers’ support for gender inequity. Results suggest that outdated and limited social information contribute to men’s misperception of gender norms in this context.

Other noteworthy social psychological research was published by Broom faculty and student associates from the Sociology Department, including a forthcoming handbook entry, “The Social Psychology of Gender: Theoretical Approaches and Contemporary Developments” by Sex and Gender affiliates **Sarah Thébaud** and **Madison Avila** (with Tristan Bridges), and two impressive publications by Broom graduate associate Emily Fox interrogating gendered dimensions of friendship (in *Sociology Compass*, and *SAGE Encyclopedia of LGBTQ+ Studies*).

Research Highlights: Education and Health

The Broom Center’s Education and Health Area Director is Heather Royer. Dr. Royer is Professor of Economics, Research Associate at the National Bureau of Economic Research, IZA Institute of Labor Economics Research Fellow, and Abdul Latif Jameel Poverty Action Lab Affiliate. This research area includes 42 affiliates from a diversity of fields including Anthropology, Economics, Geography, Global Studies, Psychological and Brain Sciences, and Sociology. For the 2023-2024 period, Education and Health researchers produced 17 publications in journals such as *American Economic Journal: Applied Economics*, *Animal Behavior*, *Journal of Labor Economics*, *PLOS ONE*, *American Economic Journal: Microeconomics*, and *Review of Economics and Statistics*. Examples of these studies are below.

In “Health Care Centralization: The Health Impacts of Obstetric Unit Closures in the United States,” Affiliate **Heather Royer** and co-authors examine the effects of maternity ward closures on maternal and infant health. Their study finds that, despite having to travel farther for care, mothers in counties with closed maternity wards do not experience significantly worse health outcomes. This is partly due to the fact that closures often redirect mothers to nearby counties that offer higher-quality care.

In “Food Security Change in the College Student Population Due to the COVID-19 Pandemic: A Decline for Many, an Improvement for a Few,” published in *Social Sciences & Humanities Open*, Affiliate **Stuart Sweeney** and a co-author investigate how the pandemic influenced food security among undergraduate students at the University of California-Santa Barbara. They document a significant 50% increase in food insecurity rates, with higher food insecurity rates experienced by those encountering job loss.

Lastly, Affiliate **Cathy Weinberger's** article, “Does the Minority Engineering Effort Have a Flat Tire?”, explores trends in minority involvement in engineering over the past few decades. While there was substantial growth in engineering degrees awarded to minorities in the 1960s and 1970s, participation among Hispanic and African-American individuals has stagnated in the last two decades, with a flattening trend for Hispanics and a decline for African-Americans.

Research Highlights: Immigration, Race and Ethnicity

Broom’s Race, Ethnicity, and Immigration Research Area was directed during the 2023-24 academic year by Associate Professor of Sociology Erika Arenas. Faculty and graduate-student affiliates of the Broom Center’s Race, Ethnicity, and Immigration Research Area use diverse methodological approaches to examine inequality based on race, ethnicity, national origin, skin color, and/or immigration status, and its interactions with gender, class, geographical context, and other structural factors. Research on this Area include the analysis of different populations worldwide. The Race, Ethnicity, and Immigration Research Area includes 17 research associates and 25 graduate student associates from Anthropology, Economics, Geography, Political Science, Global Studies, Asian American Studies, the School of Environmental Science and Management, Sociology, and Chicana and Chicano Studies. For the 2023-2024 period, our associates won awards, grants and produced journal articles that were published in *journals like Ethnic and Racial Studies, Population Research and Policy Review, American Journal of Public Health, Sociological Forum, Social Science Research, Social Indicators Research, AIDS, Journal of Racial and Ethnic Disparities, Journal of Community Psychology, and Applied geography.*

In May 2024, Broom Area Director **Erika Arenas** and Assistant Professor **San Juanita García** co-organized a mini-Conference titled “*Immigration and Mental Health: Structural Factors Driving Mental Health Inequities*”. This was a two-day multidisciplinary event that brought top scholars to discuss the current state of this field in terms of theoretical perspectives, data and methods, and empirical research. The mini-conference also included discussions about the importance of mentorship, collaborations, and the critical role that research can play in building community in the process of generating new knowledge.

In the academic year 2023-2024, Race, Ethnicity, and Immigration Research Area research associates published 13 articles and book chapters under this theme. In this report, we highlight the contributions of Broom Research Associates Yader Lanuza, Elizabeth Ackert, Erika Arenas, and Kristine Chua, as well as, research conducted by our Graduate Student Associate Esau Vieyra.

In his article “Immigrant Selectivity at School Entry”, published in the journal *Sociological Forum*, Broom Associate **Yader Lanuza** examined the association between immigrant selectivity and school preparedness at school, using Early Childhood Longitudinal Study data. Dr. Lanuza found immigrant selection partly explains school advantages for most Asian groups relative to Whites and school disadvantages at admission for most Latino groups. His results suggest immigrant selectivity is an important factor in shaping racial/ethnic stratification early in the schooling pipeline.

Broom associate **Elizabeth Ackert** published one chapter in the book *Place and the Social-Spatial Determinants of Health* (edited by Imelda Moise and Marynia Kolak), and one journal article in *Population Research and Policy Review*. In her book chapter, Dr. Ackert and co-authors investigated how different health contexts shape health challenges among the U.S. Latinx population. They found that compared with new destinations, traditional destinations had more health professional shortages, and higher rates of child and adult health uninsurance. In her journal article, she and her co-authors examined children's access to health care in new versus traditional immigrant destinations and found that Latinx children of immigrants face increased health care access hurdles in new Latinx destinations.

Broom Associate **Erika Arenas** and coauthors investigated how racial hierarchies operate in contexts of racial mixing. Using data from the Project for Ethnicity and Race in Latin America (PERLA) she conducted a latent class analysis and uncovered the heterogeneity of the mixed-race population in terms of Indigenous background taking into account customs, ancestry, language, and social connections. This work revealed how individuals' Indigenous affiliations and skin color shape educational and socio-economic inequality for a mixed-race population, thus providing a nuanced understanding of how anti-indigenous and anti-black racism conflate in contexts where racial mixing is part of the ideology and daily practices of social life. This paper was published in 2023 in the journal of *Ethnic and Racial Studies*.

Kristine Chua, a Broom associate, wrote three journal publications. In one of them, published in *the Journal of Racial and Ethnic Disparities*, she and her colleagues used anthropology and sociological theories to elucidate how perceptions of neighbor attitudes affected mental health during pregnancy among Latina women. Their findings underscored the significance of enhancing local cohesion as a component of maternal-fetal care management. On another article, published in the *Journal of Community Psychology*, she and her co-authors examined the impact of the 2016 U.S. presidential election, and the ensuing political climate and anti-immigrant rhetoric, on stress and anxiety in pregnant Latina women.

Appendices

1. Publications
2. Active Funding
3. Honors and Recognition
4. Media Attention and Public Policy Contributions
5. Seminar Schedule
6. Workshops
7. Graduate Research and Training Grants (GRTG) Awarded
8. Interdisciplinary PhD Emphasis in Demography

Appendix 1

Publications, 2023 and 2024²

Elizabeth Ackert

Ackert, Elizabeth, Sigrid Van Den Abbeele, and Hannah Malak. In Press. "Resources for Health within Latinx Communities: A Social-Spatial Determinants of Health Perspective." In Place and the Social-Spatial Determinants of Health, eds. Imelda Moise and Marynia Kolak. Springer Geography.

Ackert, Elizabeth, and Stephanie Potochnick. In Press. "Latino/a Destinations and Health Access among Children in Latino/a Families." *Population Research and Policy Review*.

Amy Spring, Elizabeth Ackert, Sarah Roche, Dionne Parris, Kyle Crowder, Nicole Kravitz-Wirtz. 2023. "Keeping Kin Close? Geographies of Family Networks by Race and Income, 1981-2017." *Journal of Marriage and Family* 85(4):962-986.

Sophia Arabadjis

Arabadjis, S., Sweeney, S., Kenner, C., Tedesco, D. 2023 "Wildfire, evacuation, and cardiovascular events: Aspatial exposure approach." *Journal of Applied Geography*: 159 (103033).

Erica Arenas

Saldívar, E., Arenas, E., Binmoeller, C. 2024. "Unpacking the "fluidity" of Mestizaje: How anti-indigenous and anti-black racism determine social relations and economic destinations of Mestizos." *Ethnic and Racial Studies*, 1-20. <https://doi.org/10.1080/01419870.2024.2329343>

Arenas, Erika, Susan W. Parker, Luis Rubalcava, Graciela Teruel. 2023. "Impact of health insurance on adult mortality in rural areas: Evidence of Seguro Popular in Mexico using panel data." *World Development Perspectives*, 30, 100501,

Madison Avila

Thébaud, Sarah, Madison Avila, and Tristan Bridges. Forthcoming. "The Social Psychology of Gender: Theoretical Approaches and Contemporary Developments." in *Handbook of Social Psychology Micro, Meso, and Macro Perspectives*. Vol. 2: Meso and Macro Perspectives, edited by J. E. Stets, K. A. Hegtvedt, and L. Doan.

² To facilitate comparability of research output over time, this appendix reports all publications by Center Associates in 2023 and 2024, plus all accepted and forthcoming items. Items with multiple Broom authors are listed more than once in this report.

Kathy Baylis

M. Arends-Kuenning, K. Baylis and R. Garduno-Rivera. 2024. "The effect of NAFTA on Mexico's wage gap." *The Annals of Regional Science* 1:27 <https://doi.org/10.1007/s00168-024-01287-w>.

Tabe-Ojong, M.P., S. Rausch, T. Heckelei and K. Baylis. 2023. "How does collective action affect aspirations of smallholder households?" *Journal of Behavioral and Experimental Economics*. 107

Shukla, P., K. Baylis and H. Pullabhotla. 2023. "The Economics of Reducing Food Losses: Experimental Evidence from Improved Storage Technology in India." *Food Policy*, 117: 102442.

Amy Boddy

Sengupta, J, Kroneis T, Boddy AM, Roy R, Sarkar A, Sarkar D, Ghosh D, Huppertz B. 2024. "Sperm intrusion into the implantation-stage blastocyst and its potential biological significance." *EMPH*. 2024. 12(1), 1-6

Hove CM, Chua KJ, Martin MA, Hubble M, Boddy AM. 2024. "Variation in maternal lactation practices associated with changes in diurnal maternal inflammation." *Scientific Reports*. 14(1), 4376

Giraudea M, Aktipis A, Conde DA, Baines C, Boddy AM, Bramwell G, Colchero F, Degregori J, Dujon A, Gentes S, Hamede R, Harris V, Lair S, Le Loc'h G, Lemaitre JF, Lemberger K, Lerebours A, Maley CC, Malkocs T, Padilla Morales B, Panabieres C, Pavard S, Roche B, Sayag D, Sepp T, Thomas F, Ujvari B, Urrutia A, Vincze O, Chevallier D. 2024. "Methods to study wildlife cancer." *Journal of Animal Ecology*. 2024.

Kapsetaki SE, Compton ZT, Dolan J, Harris VK, Mellon W, Rupp SM, Duke EG, Harrison TM, Aksoy S, Giraudeau M, Vincze O, McGraw KJ, Aktipis A, Tollis M, Boddy AM*, Maley CC*. "Life history traits and cancer prevalence in birds." *EMPH*. 2024. 12(1), 105-116. *Co-senior authors

Kapsetaki SE, Compton ZT, Mellon W, Vincze O, Giraudeau MT, Harrison TM, Abegglen LM, Boddy AM, Maley CC, Schiffman JD. "Germline mutation rate predicts cancer mortality across 37 vertebrate species." *EMPH*. 2024. eoae016

Compton Z, Harris V, Mellon W, Rupp S, Kapsetaki SE, Wilmot M, Kennington R, Noble K, Baciu C, Ramirez L, Peraza A, Martins B, Sushil S, Aksoy S, Furukawa, Vincze O, Giraudeau M, Duke EG, Spiro S, Flach E, Davidson H, Zehnder A, Graham TA, Troan B, Harrison TM*, Tollis M*, Schiffman JD*, Aktipis A*, Abegglen LM*, Maley CC*, Boddy AM*. "Cancer prevalence across vertebrates." *Cancer Discovery*. 2024. *Co-senior authors

Seyedi S, Harris VK, Kapsetaki SE, Saha D, Compton Z, Yousefi R, May A, Fakir E, Boddy AM, Gerlinger M, Wu C, Mina L, Huijben S, Gouge DH, Cisneros L, Ellsworth PC, Maley CC. "Resistance management for cancer: Lessons from farmers." *Cancer Research* 2024.

Jason Budge

Budge, Jason, Maria Charles, Yariv Feniger, and Halleli Pinson. 2023. "The Gendering of Tech Selves: Aspirations for Computing Jobs among Jewish and Arab/Palestinian Adolescents in Israel." *Technology in Society* 73:102245.

Budge, Jason. 2023. "Are More Educated States More Gay-Friendly? How the Increase in College Attainment Promotes Acceptance of Gay Men and Lesbians." *The Sociological Quarterly*, 64:4, 541-563

Esaú Casimiro Vieyra

Deniz-Zaragoza, M., Casimiro Vieyra, E., & Ayon, C. (in press). "Latinx immigrant health: Does immigrants' perceptions of integration protect their health?" *Hispanic Journal of Behavioral Sciences*.

Rey, S. J., & Vieyra, E. C. 2023. "Spatial inequality and place mobility in Mexico: 2000–2015." *Applied geography*, 152, 102871.

Susan Cassels

Van Den Abbeele S, Grafton D, Avila M, Casimiro Vieyra E, Chan B, Husted G, Kaloper S, Moscona B, and Cassels S. In Press. "Teaching and Learning about Geo-Social Determinants of Health." In *Place & the Social-Spatial Determinants of Health*. Eds: Marynia Kolak and Imelda Moise.

Cassels S, Reid SC. In Press. Relative time and social-spatial determinants of health. In *Place & the Social-Spatial Determinants of Health*. Eds: Marynia Kolak and Imelda Moise.

Husted G, Cassels S, Ackert E, Sweeney S. In Press. "Socio-Demographic Patterning of Urinary Monoethyl Phthalate Levels among Children and Adults the U.S. (1999-2018)." *Environmental Research Communications*.

Avelar Portillo LJ, Calderón-Villarreal A, Abramovitz D, Harvey-Vera A, Cassels S, Vera C, Munoz S, Tornez A, Rangel G, Strathdee SA, Kayser GL. 2024. "WaSH Insecurity and Anxiety Among People Who Inject Drugs in the Tijuana-San Diego Border Region." *BMC Public Health* 24:19.

Park J, Tsou M, Nara A, Cassels S, Dodge S. 2024. "Developing a Social Sensing Index for monitoring Place-Oriented Mental Health Issues using Social Media (Twitter) Data." *Urban Informatics* 3:2.

Cassels S, Cerezo A, Reid SC, Rivera DB, Loustalot C, Meltzer D. 2023. "Geographic Mobility and its Impact on Sexual Health and Ongoing HIV Transmission among Migrant Latinx Men Who have Sex with Men." *Social Science & Medicine* 320: 115635

Reid S, Wang V, Assaf R, Kaloper S, Gorbach PM, Shoptaw S, Murray AT, Cassels S. 2023. "Implementation and Validation of Location-Based Survey to Assess Geographic Network and Hotspots of Sex and Drug Use in Los Angeles County." *JMIR Formative Research* 7:e45188

Brianna Chan

Goel, V., Chan, B., Ziade, M., Yunus, M., Ali, M. T., Khan, M. A. F., Alam, M. N., Faruque, A. S. G., Babu, S., Kabir, M. M., Delamater, P. L., Serre, M., Sobsey, M. D., Islam, M. S., & Emch, M. 2023. "Dee"p tubewell use is associated with increased household microbial contamination in rural Bangladesh: Results from a prospective cohort study among households in rural Bangladesh." *Environmental Pollution*, 324, 121401.

Maria Charles

Maria Charles, Roger Friedland, Janet Afary, and Rujun Yang. 2023. "Complicating Patriarchy: Gender Beliefs of Muslim Facebook Users in the Middle East, North Africa and South Asia." *Gender & Society* 37:91-123,

Budge, Jason[†], Maria Charles, Yariv Feniger, Halleli Pinson. 2023. "The Gendering of Tech Selves: Aspirations for Computing Jobs among Palestinian and Jewish Adolescents in Israel." *Technology in Society* 73, <https://doi.org/10.1016/j.techsoc.2023.102245>.

Kristine Joy Chua

Cove, C., Chua, K. J., Martin, M., Hubble, & Boddy, A., 2024. "Variation in breastfeeding behavior associated with changes in diurnal maternal inflammation." *Scientific Reports*. 14(1), 4376.

Hotez, E., Yang, G., Chua, K. J., Smith, A., Lee, C., Weimer, A., & Delgado, D. (2023). "Preliminary pilot-testing of intimate partner violence screening for transgender and gender non-conforming (TGNC) individuals in Med-Peds and Family Medicine." *Cureus*. 15(8): e43983

Chua, K. J., [†]Knorr, D., *Jimenez, J., *Rojas, V., *Francia, A., *Garcia, J. I., & Fox, M. 2023. "What do your neighbors think about you? How perceived neighborhood attitudes towards Latinos influence mental health among a pregnant Latina cohort." *Journal of Racial and Ethnic Disparities*. 1-12. [†]*both authors contributed equally.*

Wiley, K.S., Knorr, K., Chua, K. J., Garcia, S. & Fox, M. 2023. "Sociopolitical stressors are associated with psychological distress in a cohort of Latina women during early pregnancy." *Journal of Community Psychology*, 51(7), 3044-3059.

Hotez, E., Chua, K.J., Samras, N., Smith, A.M., & Kuo, A. 2023. "Preliminary pilot testing of social determinants of health screening for individuals with intellectual and developmental disabilities in Med-Peds." *Cureus*. 15(5). e38541.

Emily Fox

Fox, Emily. Forthcoming. "Toward a Sociological Perspective on the Gender and Sexuality of Friendship." *Sociology Compass*.

Fox, Emily. 2024. Masculinity and Friendship. The SAGE Encyclopedia of LGBTQ+ Studies, edited by A. E. Goldberg. 2nd edition. Thousand Oaks, California: SAGE.

Fox, Emily, and Canton Winer. 2023. "What Is Friendship? Learning from Asexual and Aromantic Perspectives." Pp. 293–294 in *Families as They Really Are*, edited by V. E. Rutter, K. Williams, and B. J. Risman. 3rd Edition. New York: W.W. Norton & Company.

Stephaine Fox

Fox, S. A., Scelza, B., Silk, J., & Kramer, K. L. 2023. New perspectives on the evolution of women's cooperation. *Philosophical Transactions of the Royal Society B*, 378(1868), 20210424.

Fox, S. A., Muller, M. N., González, N. T., Enigk, D. K., Machanda, Z. P., Otali, E., ... & Thompson, M. E. 2023. Weak, but not strong, ties support coalition formation among wild female chimpanzees. *Philosophical Transactions of the Royal Society B*, 378(1868), 20210427.

Michael Gurven

Gurven, M., Sarnieddine, A., Lea, A. 2024. Health disparities among Indigenous peoples: exploring the role of evolutionary and developmental mismatch on cardiometabolic health. *Annual Reviews of Anthropology*.

Campos, F.A., Higham, J.P., Gurven, M., Wikberg, E.C., Orkin, J.D., Park, Y., Jack, K.M., Melin, A.D. 2024. Wild capuchins as a model system for investigating the social and ecological determinants of aging. *Phil Trans Roy Soc B*.

Trumble, B., Schwartz, M., Ozga, A.T., Schwartz, G.T., Stojanowski, C.M., Jenkins, C., Kraft, T., Garcia, A., Cummings, D., Hooper, P., Eid Rodriguez, D., Copajira, J., Quispe, R., Buetow, K., Beheim, B., Irimia, A., Thomas, G., Thompson, R., Horus, Gatz, M., Stieglitz, J., Finch, C., Gurven, M., Kaplan, H. 2024. Poor oral health is associated with greater inflammation, aortic valve calcification, and brain volume among forager-farmers. *J. of Gerontology: Series A*, 79(5):1-8

Chaudhari, N.,..., Gurven, M.,..., Irimia, A. 2024. Increases in regional brain volume across two native South American male populations. *GeroScience*. <https://doi.org/10.1007/s11357-024-01168-2>

Dalzero, A., Beheim, B.A., Kaplan, H., Stieglitz, J., Hooper, P., Ross, C., Gurven, M., Lukas, D. 2024. Cross-cousin marriage among Tsimane forager-horticulturalists during demographic transition and market integration. *Evolutionary Human Sciences* 6: e18.

Page, A.E., Ringen, E., ..., Gurven, M., ...Sear, R. 2024. Women's subsistence strategies predict fertility across cultures, but context matters. *PNAS* 121(9):e2318181121.

Ross, C., Hooper, P., Smith, J., ..., Gurven, M., ...Borgerhoff-Mulder, M. 2023. Reproductive inequality in humans and other mammals. *PNAS* 120(22):e2220124120.

Halsey, L., Careau, V., ..., Gurven, M.,..., IAEA DLW Database Consortium. 2023. Greater male variability in daily energy expenditure develops through puberty. *Biology Letters* 9: 20230152.

Lea, A., Clark, A., Dahl, A., Devinsky, O., Garcia, A., Golden, C., Kamau, J., Kraft, T., Martins, D., Pajukanta, P., Perry, G., Pontzer, H., Trumble, B., Urlacher, S., Venkataraman, V., Wallace, I., Gurven, M. *, Lieberman, D. *, Ayroles, J. 2023. Evolutionary mismatch and the role of GxE interactions in human disease. [*=contributed equally] *PLoS Biology* 21(9):e3002311.

Trumble, B., Charifson, M., Kraft, T., Garcia, A.R. *, Cummings, D.K., Hooper, P., Lea, A., Eid Rodriguez, D., Koebele, S., Buetow, K., Beheim, B., Minocher, R., Gutierrez, M., Thomas, G., Gatz, M., Stieglitz, J., Finch, C., Kaplan, H., Gurven, M. 2023. Apolipoprotein E4 is associated with higher fecundity in a natural fertility population. *Science Advances* 9:eade979.

Caldwell, A., Cummings, D., Hooper, P.L., Trumble, B., Gurven, M., Stieglitz, J., Davis, H., Kaplan, H. 2023. Physical activity and pubertal maturation among Tsimane' youth and adolescents: public health implications. *Proc Roy Soc B* 290: 20231764.

Trumble, B., ..., Gurven, M.*, Kaplan, H.*, Thomas, G.* 2023. Testosterone is positively associated with coronary artery calcium in a low cardiovascular disease risk population. *EMPH* 11(1):472-484. (*=co-senior)

Kraft, T, Seabright, E., Alami, S., Hooper, P., Beheim, B., Davis, H., Garcia, A., Cummings, D., Eid Rodriguez, D., Gutierrez Cayuba, M., Trumble, B., Stieglitz, J., Kaplan, H., Gurven, M. 2023. Metapopulation dynamics of infectious disease transmission in a small-scale Amazonian society. *PLoS Biology* 21(8): e3002108.

Ross, C., Hooper, P., Smith, J., ..., Gurven, M., ...Borgerhoff-Mulder, M. 2023. Reproductive inequality in humans and other mammals. *PNAS* 120(22):e2220124120.

Trumble, B.C., Pontzer, H., Stieglitz, J., Cummings, D.K., Wood, B., Emery Thompson, M., Raichlen, D., Beheim, B., Yetish, G., Kaplan, H., Gurven, M. 2023. Energetic costs of testosterone in two subsistence populatons. *American Journal of Human Biology* e23949.

Schniter, E., Kaplan, H., Gurven, M. 2023. Cultural transmission vectors of essential knowledge and skills among Tsimane forager-farmers. *Evolution and Human Behavior*. 0

Yifan (Flora) He

Mack, E. A., Sauls, L. A., Jokisch, B. D., Nolte, K., Schmook, B., He, Y., Radel, C., Allington, G. R. H., Kelley, L. C., Scott, C. K., Leisz, S., Chi, G., Sagynbekova, L., Cuba, N., & Henebry, G. M. 2023. Remittances and land change: A systematic review. *World Development*, 168, 106251.

Charlotte Hoppen

Roger Friedland, Janet Afary & Charlotte Hoppen. Forthcoming. Patriarchical Sources of Male Abuse in Seven Muslim Majority Countries. *#MeToo Movement in Iran: Reporting Sexual Violence and Harassment*. London: IB Tauris/Bloomsbury Press

Gabrielle Husted

Husted G*, Cassels S, Ackert E, Sweeney S. In Press. Socio-Demographic Patterning of Urinary Monoethyl Phthalate Levels among Children and Adults the U.S. (1999-2018). *Environmental Research Communications*.

Emily Johnson

2024 Kuehn, Steven R., Rebecca K. Albert, and Emily S. Johnson. Ancient Foodways: Zooarchaeology and Paleoethnobotany. In *Traces: An Open Introduction to Archaeology*, edited by J. Donahue, I. Ray, I. Scarborough, and J. Zovar.

VanDerwarker, Amber, Emily S. Johnson, and Joseph Patrick. 2023. Analysis of Plant Remains from 22TA622: Report Submitted to Cultural Resource Analysts, Inc.

Peter Kuhn

Kuhn, Peter and Kailing Shen. 2023. What Happens When Employers Can No Longer Discriminate in Job Ads? *American Economic Review* 113(4) pp. 1013-48.

Yader Lanuza

Lanuza, Yader R. 2024. Immigrant Selectivity at School Entry. *Sociological Forum*, 39:48-65. Petersen, Nick, Yader R. Lanuza, and Marisa Omori. 2024 "Cumulative Colorism in Criminal Courts." *Social Science Research*, 117:102946.

David Lawson

Lawson DW, Chen Z, Kilgallen JA, Brand CO, Ishungisa AM, Schaffnit S, Kumogola Y, Urassa M. 2024. Misperception of peer beliefs reinforces inequitable gender norms among Tanzanian men. *Evolutionary Human Sciences*.

Baraka, J., Lawson, D. W., Schaffnit, S. B., Wamoyi, J., & Urassa, M. 2023. Why marry early? Parental influence, agency and gendered conflict in Tanzanian marriages. *Evolutionary Human Sciences*, 4, e49

Lawson, D. W., Alami, S., & Somefun, O. D. 2023. Gendered conflict in the human family. *Evolutionary Human Sciences*, 5, e12.

Kilgallen JA, Schaffnit SB, Kumogola Y, Galura A, Urassa M, Lawson DW. 2022. Positive correlation between women's status and intimate partner violence suggests violence backlash in Mwanza, Tanzania. *Journal of Interpersonal Violence*.

David López-Carr

Castillo, F., Lopez-Carr, D. and Sanchez, A. 2024. Environmental and socio-economic drivers of migrant farmworkers' health. *Frontiers in Public Health*, 12, p.1440739.

Goli, I., Kriaučiūnienė, Z., Zhang, R., Bijani, M., Koohi, P.K., Rostamkalei, S.A., Lopez-Carr, D. and Azadi, H. 2024. Contributions of Climate Smart Agriculture Toward Climate Change Adaptation and Food Security: The Case of Mazandaran Province, Iran. *Trends in Food Science & Technology*, p.104653.

Armendáriz-Arnez, C., Tamayo-Ortiz, M., Mora-Ardila, F., Rodríguez-Barrena, M.E., Barros-Sierra, D., Castillo, F., Sánchez-Vargas, A., Lopez-Carr, D., Deardorff, J., Eskenazi, B. and Mora, A.M., 2023. Prevalence of SARS-CoV-2 infection and impact of the COVID-19 pandemic in avocado farmworkers from Mexico. *Frontiers in Public Health*, 11, p.1252530.

López-Carr, D., Pricope, N.G., Mwenda, K.M., Daldegan, G.A. and Zvoleff, A., 2023. A Conceptual Approach towards Improving Monitoring of Living Conditions for Populations Affected by Desertification, Land Degradation, and Drought. *Sustainability*, 15(12), p.9400.

Haggerty, C.E., Delius, B.K., Jouanard, N., Ndao, P.D., De Leo, G.A., Lund, A.J., Lopez-Carr, D., Remais, J.V., Riveau, G., Sokolow, S.H. and Rohr, J.R. 2023. Pyrethroid insecticides pose greater risk than organophosphate insecticides to biocontrol agents for human schistosomiasis. *Environmental Pollution*. (319)120952.

Hadi Beygi Heidarlou, Abbas Banj Shafiei, Vahid Nasiri, Mihai Daniel Nita, Stelian Alexandru Borz, David Lopez-Carr. 2023. Impact of Iran's Forest Nationalization Law on forest cover changes over six decades: A case study of a Zagros sparse coppice oak forest. *Sensors*. 23(2), 871

Javier Vazquez-Rubio, Hugo Loaiciga, David López-Carr. 2023. Human-induced resource scarcity in the Colorado River basin and its implications for water supply and the environment in the Mexicali Valley transboundary aquifer. *Annals of the American Association of Geographers*. 113(5): 1172-1189

Yongsheng Wang, David López-Carr, Jianzhou Gong, Jinlong Gao. 2023. Sustainable Cultivated Land Use and Management. *Frontiers in Environmental Sciences*. 11. 352

Huang, S., Ghazali, S., Azadi, H., Moghaddam, S. M., Viira, A. H., Janečková, K., ... & Kurban, A. 2023. Contribution of agricultural land conversion to global GHG emissions: A meta-analysis. *Science of The Total Environment*, 876, 162269.

Rohr, J.R., Sack, A., Bakhoun, S., Barrett, C.B., López-Carr, D., Chamberlin, A.J., Civitello, D.J., Diatta, C., Doruska, M.J., De Leo, G.A. and Haggerty, C.J. 2023. A planetary health solution for disease, sustainability, food, water, and poverty challenges in West Africa. *Nature*, 619(7971), pp.782-787.

Pazhuhan, Mousa, Hossein Azadi, David López-Carr, Jelena Barbir, Irum Shahzadi, and Christine Fürst 2023. Social sustainability of residential squares: Evidence from Narmak neighborhood, Tehran. *Habitat International*. 136: 102811.

Yongsheng Wang, David Lopez-Carr, Jianzhou Gong, Jinlong Gao eds. 2023. Sustainable Cultivated Land Use and Management. *Frontiers in Environmental Sciences*.

Sanchez-Vargas, A., Mendez-Astudillo, J., López-Vidal, Y., López-Carr, D., & Estrada, F. 2023. Assessing the effect of the U.S. vaccination program on the Coronavirus positivity rate with a multivariate framework. *GeoHealth*, 7, e2022GH000771

Hammad Badar, Azhar Abbas, Khalid Mushtaq, Thomas Dogot, Philippe Lebailly, Yenny Katherine Parra-Acosta, Hossein Azadi, David López-Carr. 2023. Unraveling Consumer Preferences and Segments: Implications for Pakistan's Mandarin Industry Development through Market Relocation. *Land*. 12 (5), 953

Huang, Shansong, Samane Ghazali, Hossein Azadi, Saghi Movahhed Moghaddam, Ants-Hannes Viira, Kristina Janečková, Petr Sklenička, David López-Carr, Michael Köhl, and Alishir Kurban. 2023. Contribution of agricultural land conversion to global GHG emissions: A meta-analysis. *Science of The Total Environment*. 876: 162269

David López-Carr, Narcisa G. Pricope, Kevin M. Mwenda, Gabriel Antunes Daldegan, Alex Zvoleff. 2023. How to Achieve Complex Population-Environment UN Sustainable Development Goals? A Conceptual Approach Towards Improving Monitoring of Living Conditions for Populations Affected by Desertification, Land Degradation, and Drought. *Sustainability*. 15(12), 9400

Shelly Lundberg

Shelly Lundberg and Alessandra Voena. 2023. Handbook of the Economics of the Family: Volume 1, eds.

Lundberg, Shelly. 2023. Gender Economics: Dead-Ends and New Opportunities: *Research in Labor Economics 50th Celebratory Volume*, Emerald Publishing Limited, 2023, 50: 151-189

Alan Murray

A.T. Murray, K. Shammout, R. Farwell, K. Huetten and T. Cox. 2024. Service area delineation to support on-demand mobility for the transport disadvantaged. *Socio-Economic Planning Sciences* 95, 101967 (DOI: 10.1016/j.seps.2024.101967).

A.T. Murray. 2024. Geographical compactness in shape assessment. *Geographical Analysis* (DOI: 10.1111/gean.12407).

J. Baik and A.T. Murray. 2024. Location analytics to support wildfire response repositioning. 2024 Proceedings of the 57th Hawaii International Conference on System Sciences (<https://hdl.handle.net/10125/107069>).

A.T. Murray, J.Baik, V. Echeverri, D. Rini, M.A. Moritz, D.A. Roberts, S.H. Sweeney, L.M.V. Carvalho and C. Jones. 2023. Developing effective wildfire risk mitigation plans for the wildland urban interface. *International Journal of Applied Earth Observation and Geoinformation* 124, 103531 (DOI: 10.1016/j.jag.2023.103531).

A.T. Murray, J.Baik, V. Echeverri, D. Rini, M.A. Moritz, D.A. Roberts, S.H. Sweeney, L.M.V. Carvalho and C. Jones. 2023. Developing effective wildfire risk mitigation plans for the wildland urban interface. *International Journal of Applied Earth Observation and Geoinformation* 124, 103531 (DOI: 10.1016/j.jag.2023.103531).

B.A. Pludow, A.T. Murray, V. Echeverri and R.L. Church. 2023. Evaluation of forest treatment planning considering multiple objectives. *Journal of Environmental Management* 346, 118997 (DOI: 10.1016/j.jenvman.2023.118997).

B.A. Pludow, A.T. Murray, V. Echeverri and R.L. Church. 2023. Evaluation of forest treatment planning considering multiple objectives. *Journal of Environmental Management*.

S.C. Reid, V. Wang, R. Assaf, S. Kaloper, P. Gorbach, S. Shoptaw, A.T. Murray and S. Cassels. 2023. Novel location-based survey to assess geographic networks and hotspots of sex and drug use: implementation and validation using cognitive interviews." *JMIR Formative Research*.

A.T. Murray and S. Burtner. 2023. Physical distancing as an integral component of pandemic response. *Letters in Spatial and Resource Sciences* 16, 8 (DOI: 10.1007/s12076-023-00331-1).

A.T. Murray and J. Baik. 2023. Open-source spatial optimization in GIScience for strategic positioning. *Transactions in GIS* 27, 646-662 (DOI: 10.1111/TGIS.13033).

A.T. Murray and R.L. Church. 2023. Spatial optimization of multiple area land acquisition. *Computers & Operations Research* 153, 106160 (DOI: 10.1016/j.cor.2023.106160).

J. Xu, A.T. Murray, R.L. Church and R. Wei. 2023. Service allocation equity in location coverage analytics. *European Journal of Operational Research* 305, 21-31 (DOI: 10.1016/j.ejor.2022.05.032).

Sean Reid

Cassels S, Reid SC. In Press. Relative time and social-spatial determinants of health. In *Place & the Social-Spatial Determinants of Health*. Eds: Marynia Kolak and Imelda Moise.

Zhao, Yuan, Ronak Paul, Reid SC, Carolina Coimbra Vieira, Chris Wolfe, Yan Zhang, and Rumi Chunara. 2024. Constructing Social Vulnerability Indexes with Increased Data and Machine Learning Highlight the Importance of Wealth Across Global Contexts. *Social Indicators Research*. doi:10.1007/s11205-024-03386-9

Dawit, Rahela; Goedel, William C.b; Reid, Sean C.c; Doshi, Jalpa A.d; Nunn, Amy S.e; Chan, Philip A.f; Dean, Lorraine T.a. 2024. Geographic variations of pre-exposure prophylaxis reversal and abandonment among United States counties. *AIDS* 38(4):p 557-566, March 15, 2024. | DOI: 10.1097/QAD.0000000000003790

Christa Brelsford, Andrew Jones, Bhartendu Pandey, Pouya Vahmani, Melissa Allen-Dumas, Deeksha Rastogi, Kevin Sparks, Melissa Bukovsky, iryna Dronova, Tianzhen hong, David M. Iwaniec, Michelle E. Newcomer, Sean C. Reid, Zhonghua Zheng. 2024. Cities are Concentrators of Complex, MultiSectoral Interactions within the Human-Earth System. *Earth's Future*

Reid, S. C., Wang, V., Assaf, R. D., Kaloper, S., Murray, A. T., Shoptaw, S., Gorbach, P., & Cassels, S. (2023). Novel Location-Based Survey Using Cognitive Interviews to Assess Geographic Networks and Hotspots of Sex and Drug Use: Implementation and Validation Study. *JMIR Formative Research*, 7(1), e45188.

Paul, R., Reid, S., Coimbra Vieira, C., Wolfe, C., Zhao, Y., Zhang, Y., & Chunara, R. 2023. Methodological improvements in social vulnerability index construction reinforce role of wealth across international contexts (WP-2023-017; 0 ed., p. WP-2023-017). *Max Planck Institute for Demographic Research*.

Cassels, S., Cerezo, A., Reid, S. C., Rivera, D. B., Loustalot, C., & Meltzer, D. 2023. Geographic mobility and its impact on sexual health and ongoing HIV transmission among migrant latinx men who have sex with men. *Social Science & Medicine*, 320, 115635.

Jimena Rico-Straffon

Rico-Straffon, J., Wang, Z., Panlasigui, S., Loucks, C. J., Swenson, J., & Pfaff, A. 2023. Forest concessions and eco-certifications in the Peruvian Amazon: Deforestation impacts of logging rights and logging restrictions. *Journal of Environmental Economics and Management*, 118, 102780.

Heather Royer

Fischer, Stefanie, Heather Royer, and Corey White. 2024. Health Care Centralization: The Health Impacts of Obstetric Unit Closures in the United States. *American Economic Journal: Applied Economics* 16.3 (2024): 113-141.

Robinson, Sarah, Heather Royer, and David Silver. 2024. Geographic Variation in Cesarean Sections in the United States: Trends, Correlates, and Other Interesting Facts. *Journal of Labor Economics* 42.S1 (202

Katherine Sayre

Raichlen, D. A., Ally, M., Aslan, D. H., Sayre, M. K., Bharadwaj, P. K., Maltagliati, S., ... & Alexander, G. E. 2024. Associations between accelerometer-derived sedentary behavior and physical activity with white matter hyperintensities in middle-aged to older adults. *Alzheimer's & Dementia: Diagnosis, Assessment & Disease Monitoring*, 16(3), e70001.

Wood, B. M., Raichlen, D. A., Pontzer, H., Harris, J. A., Sayre, M. K., Paolo, B., ... & Mabulla, A. Z. 2024. Beyond the here and now: hunter–gatherer socio-spatial complexity and the evolution of language. *Philosophical Transactions B*, 379(1912), 20220521.

Sayre, M. K., Anyawire, M., Paolo, B., Mabulla, A. Z., Pontzer, H., Wood, B. M., & Raichlen, D. A. 2023. Lifestyle and patterns of physical activity in Hadza foragers. *American Journal of Biological Anthropology*, 182(3), 340-356.

Raichlen, D. A., Aslan, D. H., Sayre, M. K., Bharadwaj, P. K., Ally, M., Maltagliati, S., ... & Alexander, G. E. 2023. Sedentary behavior and incident dementia among older adults. *JAMA*, 330(10), 934-940.

Kajari Saha

Saha, K. 2024. The China trade shock and the gender wage gap in India: A District-level analysis. *Indian Economic Review*, 1-32.

Sandy Sum

Sum, Sandy. 2024. Impact of Droughts on Served Drinking Water Disparities in California, 2007–2020. *Am. J. Public Health*, 7 Aug. 2024, ajph.aphapublications.org/doi/10.2105/AJPH.2024.307758.

Stuart Sweeney

Hodges, C. and S. Sweeney. 2024. Food security change in the college student population due to the COVID-19 pandemic: A decline for many, an improvement for a few. *Social Sciences & Humanities Open* 9, 100820.

Arabadjis, S. D. and S. H. Sweeney. 2024. Residuals in space: Potential pitfalls and applications from single-institution survival analysis. *Spatial and Spatio-temporal Epidemiology* 49, 100646.

Arabadjis, S. D., S. H. Sweeney, C. E. Kenner, and D. J. Tedesco. 2023. Wildfire, evacuation, and cardiovascular events: a spatial exposure approach. *Applied geography* 159, 103033.

Catherine Taylor

Bethany Everett and Catherine J. Taylor (equal authorship). In Press, 2024. Abortion and Women's Future Socioeconomic Attainment. *American Sociological Review*.

Catherine J. Taylor. 2024. Overlooked Consequences. *Contexts* 23(2): 62-65.

Verta Taylor

Verta Taylor. 2023. Review of "How Social Movements Matter" by David S. Meyer. Cambridge: Polity Press, 2021 in *American Journal of Sociology* 129: 297-299.

Nic Thompson González

Fox, S. A., Muller, M. N., Camargo Peña, N., Thompson González, N., Machanda, Z., Otali, E., Wrangham, R., & Emery Thompson, M. 2024. Selective social tolerance drives differentiated relationships among wild female chimpanzees. *Animal Behaviour*, 217, 21–38.
<https://doi.org/10.1016/j.anbehav.2024.08.008>

Jain, S., Bey, G. S., Forrester, S. N., Rahman-Filipiak, A., Thompson Gonzalez, N., Petrovsky, D. V., Kritchevsky, S. B., & Brinkley, T. E. 2024. Aging, Race, and Health Disparities: Recommendations from the Research Centers Collaborative Network. *The Journals of Gerontology. Series B, Psychological Sciences and Social Sciences*, gbae028. <https://doi.org/10.1093/geronb/gbae028>

Thompson González, N., Machanda, Z., & Emery Thompson, M. 2023. Age-related social selectivity: An adaptive lens on a later life social phenotype. *Neuroscience & Biobehavioral Reviews*, 152, 105294. <https://doi.org/10.1016/j.neubiorev.2023.105294>

Fox, S. A., Muller, M. N., Thompson González, N., Enigk, D.K., Machanda, Z. P., Otali, E., Wrangham, R., Emery Thompson, M. Weak, but not strong, ties support coalition formation among wild female chimpanzees. *Philosophical Transactions of the Royal Society B: Biological Sciences*. 2023, 378, no. 1868. <https://doi.org/10.1098/rstb.2021.0427>

John Weeks

John R. Weeks. 2024. The Future is a Foreign Country: We'll Do Things Differently There. Chapter 7 in T. Alexander Aleinikoff and Alexandra Délano Alonso (editors), *New Narratives on the Peopling of America* (Baltimore: Johns Hopkins University Press).

Hsiao-chen Shih, Xiaoxiao Wei, Li An, John R. Weeks, and Douglas Stow. 2024. Urban and Rural BMI Trajectories in Southeastern Ghana: A Space-Time Modeling Perspective on Spatial Autocorrelation. *International Journal of Geospatial and Environmental Research*, Volume 11, Number 1, Article 3, 2024.

John R. Weeks. 2023. The Importance of Arthur Getis to Spatial Demography. *Journal of Geographical Systems*.

John R. Weeks. 2023. The Great Demographic Illusion: Majority, Minority, and the Expanding American Mainstream. *Contemporary Sociology*.

Catherine Weinberger

Percy A. Pierre and Catherine J. Weinberger. 2024. The 50-Year History of the Minority Engineering Effort: How the Engineering Profession Sparked the Movement to Diversify Its Workforce. Fall 2024 National Academy of Engineering publication "The Bridge" (V. 54 No. 3)

Catherine J. Weinberger. 2024. Does the Minority Engineering Effort Have a Flat Tire? The Bridge 54(3) forthcoming fall 2024.

Appendix 2

Active Funding, 2023/2024

Elizabeth Ackert

UCSB Office of Research Early-Stage Seed Grants Award. Facilitating the Integration of U.S. Climate and Human Population Data. (PI). 2022. \$9,976

National Science Foundation (SES- Sociology) Award. Kin Location, Neighborhood Disadvantage, and Health and Well-Being across the Life Course. (co-PI with Drs. Amy Spring and Nicole Kravitz-Wirtz). 2020-2023. \$450,000

Erika Arenas

UCSB Area Global Initiative. 2024. Burdick Global Scholars Program. \$50,000

Office of the Assoc. Vice Chancellor of Teaching and Learning. 2024. Peer Award Funding. \$5405

Office of the Assoc. Vice Chancellor of Teaching and Learning. 2023. Hot Teaching Mini-Grant. \$2,954

UCSB Division of Social Sciences. 2023. Peer Mentor Award, \$500

UCSB Instructional Development. 2023. RISE Award, \$1,000

Amy Boddy

UCSB Equity in Mental Health Mini Grant. Art Loves Science: Showcasing the art of reproductive biology. 2024-2025. \$1,000

John Templeton Foundation: *We All Are Multitudes: the Microchimerism, Human Health and Evolution Project*. \$5,339,697 total. Boddy is Co-leader; \$1,099,188 total to UCSB. 2021-2024.

National Cancer Institute. \$7,500,000 total direct. Co-Leader Project 1. 2018-2023.

Susan Cassels

Housing insecurity, place, and social networks among sexual minority men. Academic Senate Faculty Research Grant, UCSB. 7/2023 – 6/2-24. \$7,000

Making space for HIV prevention: substance use among Latinx MSM in LA hotspots
NIH/NIDA 3R21 DA049643-02S1. PI. 7/2021 – 6/2023 (NCE). \$148,692

Maria Charles

Maria Charles, Yariv Feniger and Halleli Pinson, PIs. Binational Science Foundation. 2019-2023. "Why Do More Palestinian than Jewish Girls Study STEM? Assessing Effects of Material Insecurity and Self-expressive Culture on Curricular Paths in Israel." \$171,000.

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.

Stephanie Fox

These include a grant from the Animal Models for the Social Dimensions of Health and Aging Research Network to support our interdisciplinary workshop in Fall 2024 on the Socioecology of Social Aging.

The Leakey Foundation Primate Research Fund to support ongoing long-term research at our fieldsite studying life history, demography and behavior in wild blue monkeys in western Kenya.

Michael Gurven

2024 National Institutes of Health/NIA Grant. Administrative supplement \$250,000. (Joint PI: Gurven, Kaplan, Finch, Thomas)

National Institutes of Health/NIA Grant. 2022-2027 (Joint PI: Gurven, Kaplan, Finch, Thomas) \$15,000,000.

Yifan (Flora) He

Schmidt Family Foundation Research Accelerator Award (\$8,000)

James D. Kline Fund for International Studies (\$5,000)

Michael J. Connell Memorial Fund Research Award. 2022-2024. Bren School of Environmental Science and Management, University of California, Santa Barbara. Assessing socioeconomic and environmental impacts of land use restrictions in Indigenous lands in Brazil. PI. \$15,000.

Professional Skills Grant. 2022. University of California, Santa Barbara. \$1,000.

David Lawson

Wenner-Gren Workshop Grant \$20,000 "Reimagining International Collaboration in Anthropology: Tanzania as a Case Study".

Cultural Evolution Society Transformation Fund - Norm misperception and conformity as barriers to positive change in gender ideology: a mixed methods study in northern Tanzania. \$107,165

National Science Foundation Doctoral Dissertation Research Improvement Grant - The cost of change: The social and reproductive ramifications for men supporting women's empowerment. \$25,175

David Lopez-Carr

National Science Foundation Human-Environment and Geographical Sciences Program (HEGS). (Proposal #:2343014): A multi-level analysis integrating household adaptation strategies nested within emerging hot spots of land degradation vulnerability and bright spots of resilience. P.I. D. López-Carr, co-PIs N. Pricope, K. Mwenda. 5/1/2024-4/30/2027. \$399,975.

University of California - Alianza MX Research & Innovation: Small Grant for Conferences & Travel. Isolating the Causal Effects of Extreme Heat and Covid-19 on the Labor Supply of Migrant Workers in California. PI David Lopez-Carr 4/1/2024-3/31/2025. \$5,000

UCSB ISBER Collaborative Research Initiative Grant program. Integrating planetary health into households and communities in the Maya Biosphere Reserve (MBR), Guatemala. PI David Lopez-Carr. 7/1/2022-6/30/2024. \$7,975

Katie McMahon

Schmidt Family Foundation Accelerator award in the Spring of 2024. The award amount is \$8000.

Alan Murray

Yardi Foundation. Wildfire Resilience Initiative. Murray, A., L. Carvalho, C. Jones, D. Roberts, S. Sweeney and M. Moritz. 2023-2026 . \$3,700,000.

Yardi Foundation. Wildfire Resilience Initiative. Murray, A., L. Carvalho, C. Jones, D. Roberts and M. Moritz. 2022-2023. \$1,000,000.

Sean Reid

Clinical and Community-Based HIV/AIDS Research Training (CCRT) Program Fellow, 2022-2024

Jimena Rico-Straffon

Fellowship for Winter Quarter 2025, Economics Department, UCSB

Latin American and Iberian Studies Alumni Research Award, UCSB, \$600

UC MEXUS- CONACYT Doctoral Fellowship 2019-2024.

Stuart Sweeney

\$613,576 (PI) 2019-2024 Gender, fertility, and intra-household dynamics and resilience in the Senegalese peanut value chain. Feed the Future Lab for Peanut (Univ. of Georgia), USAID

\$2,385,881 (PI) Effectiveness of GALS Intervention in the Context of Groundnut Commercialization. Feed the Future Innovation Lab for Peanut (University of Georgia), USAID [UCSB share \$1,181,919] 20

Nic Thompson González

2024. Animal Models Research Network. Socioecology of Social Aging conference and workshop. \$15,000 PI.

2024. The Leakey Foundation. Behavioral ecology and demography of the Blue monkeys of Kakamega Forest. \$23,205, PI.

2024-2025. NIH NICHD. Effects of altering social connectedness on health: administrative supplement. \$338,848, Co-investigator.

2024. College of Letters & Science. Socioecology of Social Aging Workshop. \$3,200, PI

2024. Broom Center for Demography. Socioecology of Social Aging Workshop.

Sigrid Van Den Abbeele

UCSB Student Community Justice Grant (\$5000)

Appendix 3

Honors and Recognition, 2023/24

Erika Arenas

National Researcher Candidate Recognition by the Mexican National Researchers System, 2022-2024

Madison Avila

2024 Outstanding Graduate Student Teaching Award, UCSB Department of Sociology

2023 Louis H. Towbes Fellowship, University of California, Santa Barbara

Amy Boddy

2024-2026 Pahl Scholar from the Pahl Center for the Study of Critical Social Issues in the Social Sciences

Susan Cassels

Deputy Editor, *Demography*, 2022-2025

2023-24 UCSB Academic Senate Distinguished Teaching Award, April 2024

Maria Charles

Elected Member, Sociological Research Association (2010-)

Associate Editor, *Science Advances* (open access extension of *Science Magazine*) (2021-present)

Editorial Board Member, *Social Science Research* (2020-present)

Elected Member. Electorate Nominating Committee, Section on Social, Economic & Political Sciences, American Academy for the Advancement of Science, AAAS (2020-2023).

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

Fellow, Center for the Study of Poverty and Inequality (Stanford University). (2010- present).

Kristine Chua

Recognized as a STAT's 2023 Wunderkinds, an award that recognizes early career scholars and their contributions to health and medicine. (link: <https://www.statnews.com/wunderkinds-2023/kristine-chua/>)

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).

Nicolás Fuertes-Segura

2023 ASHEcon Diversity Scholarship (<https://www.ashecon.org/past-diversity-scholarship-recipients/>) and 2024 APPAM Equity and Inclusion Fellowship (<https://www.appam.org/about-appam/awards/2024-equity-inclusion-fellowship-student-recipients/>)

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)

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

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

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

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

Shelly Lundberg

Elected member, American Academy of Arts and Sciences:
<https://www.amacad.org/person/shelly-lundberg>

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

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

Associate Editor, *Journal of Demographic Economics*. (2013-present).

Associate Director, Broom Center for Demography, (2011-2023).

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

Research Fellow, IZA, (2004-present).

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

Brenda Major

Elected Fellow, the American Academy of Arts and Sciences

Elected Fellow, American Association for the Advancement of Science

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

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

Aashish Mehta

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

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

Victor Rios

MacArthur Chair (with Jeffrey Stewart) .“A New Eden in Southern California: Promoting Black and Brown Futures in Resilient Communities.” 2021-2026.

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

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

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

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

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

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

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

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

Heather Royer

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

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

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

Sandy Sum

Awarded a graduate research summer fellowship at the Property and Environmental Research Center in Bozeman Montana. <https://perc.org/people/sandy-sum/>

Stuart Sweeney

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).

Sigrid Van Den Abbeele

UCSB Graduate Student Association Excellence in Teaching Award 2023

John Weeks

Historian of the Population Association of America

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

Media Attention and Public Policy Contributions, 2023/2024

Amy Boddy

2024 [Originalia: Reproductive Biology and Art Showcase](#), Glassbox Gallery UCSB

Collaborated on an Art Science showcase on reproductive biology, see the current article here: <https://news.ucsb.edu/2024/021484/originalia-art-show-celebrates-human-reproductive-system>

Podcast: Pregnancy souvenirs from Vox: <https://www.vox.com/unexplainable/23717335/pregnancy-parenting-scientific-mysteries-podcast>

Podcast: BBC Bug in the System: The Past, Present and Future of Cancer, link here: <https://www.bbc.co.uk/programmes/m001p6rq/episodes/guide>

2024 Interviewed by Hannah Thomasy, the Scientist, [A stranger to Oneself: The Mystery of Fetal Microchimerism](#)

2024 Interviewed by Sonia Fernandez, the UCSB Current, ['Originalia' art show celebrates the human reproductive system](#)

Interviewed by Sonia Fernandez, the UCSB Current, Researchers find that a new mother's immune status varies with her feeding strategy, link here: <https://news.ucsb.edu/2024/021464/researchers-find-new-mothers-immune-status-varies-her-feeding-strategy>

Interviewed by Hannah Thomasy, the Scientist, A stranger to Oneself: The Mystery of Fetal Microchimerism <https://www.the-scientist.com/a-stranger-to-oneself-the-mystery-of-fetal-microchimerism-72022>

2023 Interviewed by Katie Wu, the Atlantic, [An awkward evolutionary theory for one of pregnancy's biggest complications](#)

2023 Interviewed by Katie Wu, the Atlantic, [The most mysterious cells in our bodies don't belong to us](#)

Susie Cassels

UC Global Health Institute December Newsletter: “The Intersection of Geography and HIV/AIDS,” by Elizabeth Doerr, December 5, 2023. ([Supporting link](#))

Kristine Chua

STAT news (November 1, 2023) “The scientist studying how fugitive fetal cells may affect maternal health” by Justin Chen ([supporting link](#))

The Current UCSB (May 3, 2024) “Researchers find that mother’s immune status varies with her feeding strategy” by Sonia Fernandez ([supporting link](#))

Michael Gurven

BBC News; August 17, 2024 “Deep in the Amazon rainforest lives a community whose hearts age more slowly” Alejandro Millán Valencia (<https://www.bbc.com/news/articles/ceq5512gdxxo>)

MSN.com; Aril 2024 “Revising body temperature norms: How modern life cools us down” Łukasz Michalik ([supporting link](#))

David Lopez-Carr

UCSB Geography news: July 8, 2024. “Professor David López-Carr Wins Awards and Advances Research on Reducing Schistosomiasis” ([supporting link](#))

Shelly Lundberg

FTC Watch: Sidelined: Women economic experts seldom testify in merger challenges. Feb 14, 2023 https://www.mlexwatch.com/search?facet=&page=2&per_page=20&q=Kathleen+Murphy

Sean Reid

UC Global Health Institute December Newsletter: “The Intersection of Geography and HIV/AIDS,” by Elizabeth Doerr, December 5, 2023. ([Supporting link](#))

Jimena Rico-Straffon

CAF Development Bank of Latin America, Blog Visiones (in Spanish)
<https://www.caf.com/es/conocimiento/visiones/2023/07/la-efectividad-de-las-areas-protegidas-en-el-amazonas-peruano/>

Heather Royer

Axios: September 13, 2024 “Maternity ward closures’ tradeoffs” by Caitlin Owens ([supporting link](#))

Sandy Sum

The Hill: August 8, 2024 “Drought-related water pollution disproportionately affects California Latino communities: Study” by Sharon Udasin ([supporting link](#))

John Weeks

The San Diego Union-Tribune March 14, 2024 “Tens of thousands of residents moved out of San Diego County last year — almost double the number a year earlier”: by Lori Weisberg ([supporting link](#))

Appendix 5

Seminar Schedule, 2023/2024

FALL

Monday, October 16

Erika Arenas (UCSB, Sociology)

"Does Lighter mean Healthier? Skin Color and Health Status among Mexican Immigrants."

Monday, October 23

William Scarborough (University of Northern Texas, Sociology) *"Structural Racism and Racial Disparities in Homelessness Across the United States."*

Monday, October 27

Zane Thayer (University of Dartmouth, Anthropology) *"How Social Inequities Create Health Inequities: An Integration of Social and Biological Mechanisms."*

Monday, November 6

Carole Joffe (UC San Francisco, Obstetrics, Gynecology & Reproductive Sciences) *"Dobbs is a Disaster! The Role of the Medical Profession on the Road to Overturning Roe."*

Monday, November 20

Juan Pedroza (UC Santa Cruz, Sociology) *"Lost in Translation: Language Segregation in the United States."*

WINTER

Monday, January 8

David Silver (UCSB, Economics) *"Task Allocation, Specialization, and Careers: Evidence from Obstetrics."*

Monday, January 29

Maria-Elena Young (UC Merced, Public Health) *"Measuring the Health Influence of Immigrant Policy: Lessons from the RIGHTS Study."*

Monday, February 12

Awa Ambra Seck (Harvard, Post-Doc at Weatherhead Center for International Affairs) *"En Route: The French Colonial Army, Emigration, and Development in Morocco."*

Monday, February 26

Mackenzie Alston (University of Illinois, Economics/Finance) *"Black Lives Matter for Productivity: Heterogeneous Impacts of the 2020 Social Justice Movement on Faculty."*

Monday, March 11

Hannes Schwandt (Northwestern, Human Development and Social Policy) *"Birth and Death in the United States."*

SPRING

Monday, April 8

Chris Fowler (Penn State, Geography) "*Navigating the Functional and Relationship Between People and Places in Contextual Effects: Uncertainty in Boundaries, Scale, Time and Mechanism.*"

Monday, April 22

Brooke Scelza (UCLA, Anthropology) "*The Cuckoldry Conundrum: Challenging Assumptions about Fatherhood and Paternity.*"

Monday, May 6

Sam Urlacher (Baylor, Anthropology) "*The Evolutionary Energetics of Childhood Development and Health.*"

Monday, May 1

Rebecca Dizon-Ross (University of Chicago, Booth School of Business, Economics) "*Incentivizing Exercise to Curb Chronic Disease in India.*"

Monday, May 20

Siwan Anderson (Vancouver School of Economics) "*The Persistence of Female Political Power in Africa.*"

Appendix 6 2023/24 Workshops

May 30-31, 2024

Immigration and Mental Health: Structural Factors Driving Mental Health Inequities

The mini-conference has two important objectives. Substantively, we aim to amass experts from various disciplines to discuss the current state of the field, by reviewing relevant theoretical perspectives, data and methods commonly used to study migration and mental health, and to showcase research presentations highlighting the structural factors driving mental health inequities. Yet, another important goal of the mini-conference is to expose students and faculty to the importance of mentorship/sponsorship, collaborations, and the critical role that research can play in building community in the process of generating new knowledge. In this regard, we are asking panelists to reflect on their own academic journeys and to think critically into how their mentors, peer mentors, as well as, their mentees have contributed in their academic journeys, especially in shaping their research and academic careers.

Speakers

Jennifer Kam, UCSB
 Bruce Link, UCR
 Lawrence Yang, NYU
 Walid Afifi, UCSB
 Tod Hamilton, Princeton
 Nichole Thompson, UCSB
 Robert Hummer, UNC India Ornelas, UW
 Debanuj DasGupta, UCSB
 Mónica Cornejo, Cornell
 Jenjira Yahirun, BGSU
 Heide Castañeda, USF
 Elizabeth Ackert, UCSB

Schedule

Thursday May 30th

3:00 - 3:20: Welcome and Opening Remarks

3:20 - 3:25: Transition to Interactive Workshop

Introduction of Workshop and Speakers - Vision for what we are aiming and hoping to accomplish and setting intentions for the workshop and overall mini-conference.

3:30 - 5:00: **Jennifer Kam**, Professor, Department of Communication, UCSB

Lisa Sun-Hee Park, Professor, Asian American Studies Department, UCSB •

Friday May 31st

8:00 - 9:00: Continental Breakfast

9:00 – 10:10 Panel – Interfacing Migration and Mental Health: Critical Theoretical Contributions to Expose Structural Factors Driving Inequities (part 1)

Bruce Link, Distinguished Professor of Public Policy and Sociology, Sociology Department, UC Riverside, “A Fundamental Cause Theory Perspective on the Mental Health of Immigrant Populations”

Lawrence H. Yang, Professor and Chair of the Department of Social and Behavioral Sciences, New York University, “Migration Stigma: A New Concept to Link Migration- Related Stigma and Health”

Walid Afifi, Professor, Department of Communication, UCSB, "Teaching Palestine: A liberatory approach to mental health"

10:10 - 10:30 – Coffee Break

10:30 – 11:20 Panel – Interfacing Migration and Mental Health: Critical Theoretical

Contributions to Expose Structural Factors Driving Inequities (part 2)

Tod Hamilton, Professor, Department of Sociology, Princeton University, “Immigration and the Changing Landscape of U.S. Racial Disparities”

Nichole Thompson, Assistant Professor, Department of Anthropology, UCSB, “The costs of leaving home run deep in our evolutionary history”

Robert Hummer, Distinguished Professor and Director of the National Longitudinal Study of Adolescent to Adult Health, Department of Sociology, “Add Health as a Resource for Studying the Health and Social Life of Immigrants and Second-Generation Adults in the United States: Data Availability, A Research Example, and the Future”

India J. Ornelas, Professor, Health Systems and Population Health, University of Washington, “Participatory Research Approches to Engaging Latino Immigrant Communities”

12:10 – 2:00 Lunch

2:00 – 2:50 Panel – Data and Methods Commonly Used to Study Migration and Mental Health

Debanuj DasGupta, Assistant Professor, Department of Feminist Studies, UCSB, Theory in Flesh: Trauma Informed Story Telling as Rewriting Refugee Victim Narratives”

Mónica Cornejo, Assistant Professor, Department of Communication, Cornell CALS, Centering Legally Vulnerable Migrants' (LVM) Humanity in Scientific Inquiry: Multimodal Data & Methods Employed to Study LVM's Health”

2:50–4:00 Exposing Structural Factors Driving Mental Health Inequities

Jenjira Yahirun, Associate Professor, Department of Sociology, Bowling Green, “Linking Immigrant Children’s Separation from Parents During the Migration Process and Children’s Mental Health”

Heide Castañeda, Professor, Department of Anthropology, University of South Florida, “Legal Precarity and Mental Health Inequities”

Elizabeth Ackert, Associate Professor, Department of Geography, UCSB, “Mental Health Resources in Latinx Communities”

4:00–4:20 Closing Remarks

Appendix 7

Graduate Student Research and Training (GSRT) Grants Awarded, 2023/24

Awarded Spring 2024

Madison Avila

Sociology
ICPSR Summer Workshop
Awarded \$2000

Gabrielle Husted

Geography
ICPSR Summer Workshop
Awarded \$1700

Emily Johnson

Anthropology
Travel to Veracruz Mexico
Awarded \$1870

Janine Klein

Anthropology
Travel to Ngogo
Awarded \$2000

Emily Kracht

Anthropology
Processing Lab samples
Awarded \$1700

Uddin Noosha

Economics
Research travel Dhaka, Bangladesh.
Awarded \$1700

All UC Conference at UCLA

Madison Avila

Sociology
Awarded \$150

Nicolás Fuentes Segura

Economics

Awarded: \$150

Gabrielle Husted

Geography

Awarded: \$150

Esau Casimiro Vieyra

Geography

Awarded: \$150

Sigrid Van Den Abbeele

Geography

Awarded: \$150

Micah Villarreal

Economics

Awarded: \$150

Note: All recipients are Broom Center Graduate Associates, enrolled as graduate students at UCSB

Appendix 8

Interdisciplinary PhD Emphasis in Demography

The departments of Anthropology, Economics, Geography, Sociology, and Global Studies 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 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, or ANTH 245: Anthropological Demography and Life History, 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 (12 unites), at least one of which must be outside the student's own discipline. A list of currently-eligible courses in four departments appears below. Requests to have new courses or special topics courses considered for credit should be directed to Shelly Lundberg.
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 to the Demography Emphasis Program

Students enrolled in the PhD programs in the departments of Anthropology, Economics, Geography, Sociology, and Global Studies are eligible to apply for enrollment in the Demography Emphasis. Inquiries should be emailed to the Emphasis director, Shelly Lundberg (slundberg@ucsb.edu) your advisor and an outline of your proposed plan of study and dissertation research early in your studies. Before filing your dissertation, you must also file a [Change of Degree Status Petition](#) with the Graduate Division for the emphasis to appear on your official record.

Eligible population courses:

Anthropology: ANTH 209 Applying Evolutionary Anthropology (Lawson)

ANTH 245. Anthropological Demography and Life History (Gurven)

ANTH 253. Human Biology Laboratory Methods

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)

GEOG 227. Geo-Social Determinants of Health and Health Disparities (Cassels)

GEOG 288LA. Urban Geography (Ackert)

Sociology: SOC 226. International Immigration (Lanuza)

SOC 234. Social Inequalities (Charles)

SOC 240. Sociology of Health (Taylor)

SOC 245A. Seminar on Gender (Thébaud; Taylor)

SOC 272. Race, Crime, and Punishment (Rios)

Economics: Labor Economics sequence: ECON 250E-J

ECON 250D Population Economics (Lundberg)

[Note: This course has no economics prerequisites]