

# cupc highlights

april 9, 2021

## honors

Wow! Take a bow again CU Boulder for its **Sociology of Population** graduate-level program ranking **17** nationally, according to [U.S. News and World Report](#)! This is a tremendous honor, considering Physics, one of Boulder's most renowned programs, ranked 14<sup>th</sup> in the nation!

~ Population faculty, staff, and students should all be very proud of this recognition from their peers!

## forthcoming and recently published papers



Wildfire Smoke and COVID-19

CUPC contributions in population-health research include new work by **Colleen Reid**. In collaboration with colleagues from the CDC National Institute for Occupational Safety and Health and the USDA Forest Service, Colleen examines how the exposure to wildfire smoke increases susceptibility to respiratory infections and can provide an additional risk for COVID-19. See their newly published paper, [Wildland firefighter exposure to smoke and COVID-19: A new risk on the fire line](#), in *Science of the Total Environment*.

“[Simple Sources for Complex Problems. Where Did Californians Come From in 1940?](#)” **Myron Gutmann** can certainly answer that question and so much more! Using census data, Myron used the 1940 Census question on residence five years prior, in order to identify migration paths, patterns, and flow. Find out what else Myron learned from his “complete-count data” analysis in the latest edition of *Historical Life Course Studies*. ~well done Myron!



B. All flows where a California destination is one of the top 2 from a given County or Metropolitan Area

**fun fact:** Steinbeck's 1939 classic California-migration novel “*The Grapes of Wrath*” gave “Route 66” its nickname. Despite the book being a bestseller, it was also controversial. The Associated Farmers of California were so angered by the novel, which implied that they used the migrants for cheap labor, that they called the book a “pack of lies” and publicly banned and burned the work!

Making contributions to understandings of COVID and health lifestyles, an upcoming special issue on COVID-19 in *Sociological Perspectives* features **Stefanie Mollborn's** paper [“Everything is Connected’: Health Lifestyles and Teenagers’ Social Distancing Behaviors in the COVID-19 Pandemic”](#), coauthored with Sociology Graduate students **Katie Mercer** and **Theresa Edwards-Capen**. The team found that parents drew on preexisting, individualized health lifestyles to enforce teens’ social distancing behaviors. Aspects of inequalities emerged, too, as “Parents and teens regularly used ‘othering’ (Schwalbe et al. 2000)—especially of political opponents, class- and race-disadvantaged groups, community

outsiders, and college students—to draw intergroup distinctions around social distancing, thereby strengthening in-group identities and tying them to these behaviors.” ~ *applause for Stef and her students!*

Linking people with places is essential for population-health-environment research. Yet, this data integration requires geographic coding such that information reflecting individuals or households can greatly increase the risk of respondent identification and have the potential to breach confidentiality. In response, **Lori Hunter** and PhD Sociology student **Catherine Talbot**'s coauthored paper [Working toward effective anonymization for surveillance data: innovation at South Africa's Agincourt Health and Socio-Demographic Surveillance Site](#), published in *Population and Environment*, explores a variety of “geographic masking” techniques to introduce error into coding and thereby reduce the likelihood of identification. However, the tradeoff between accuracy and privacy is something to consider when facilitating this type of research. The team hopes to expand this work to facilitate population-environment research across a range of health and demographic surveillance sites.



Are you aware that fewer people marry (and more get divorced) when men and women disagree about gender roles? In fact, this is especially true for educated women, go figure (wink). Read the abstract from **Francisca Antman**'s forthcoming paper “[Gender Norm Conflict and Marital Outcomes](#)”, in *Journal of Demographic Economics (JODE)*. ~*Congratulations Francisca!*

### media coverage



Gen X, Millennials, Gen Z, and now **Gen C**? The term is short for “Generation COVID”, describing children whose lives have been critically impacted during the pandemic. Last March, in a CNN article entitled “[Meet Gen C, the Covid Generation](#),” **Lori Peek** explains how she sees similarities between the detrimental COVID-19 effects felt by some in the Gen C cohort and those impacted by Hurricane Katrina, most notably children in low-income, vulnerable households. “*People of color are dying and getting sick at higher rates,*” Lori says, “*and children of color are disproportionately out of school. And those inequalities need to be not only acknowledged but also factored into recovery efforts.*”

[Listen to a candid 1:1 conversation](#) between **Lori Peek** and RIO Vice Chancellor **Terri Fiez**, which aired April 1 on an exciting new podcast series called “[Buff Innovator Insights](#).” The series highlights CU Boulder’s ground-breaking innovators and their personal journeys. Lori discusses how the 9/11 event in 2001, during her graduate school years, immediately pivoted her studies more towards marginalized populations affected by extreme disasters. In the podcast, Lori shares how her research is helping us learn from disasters like the COVID-19 pandemic.

### newly funded grants



Hooray for **Morteza Karimzadeh** and **Terra McKinnish**, who were awarded a **2021 RIO Seed Grant** for their project “Recovering from a Pandemic: Unraveling Neighborhood Geographic Disparities in Consumer and Business Behavior in 2021”! Their innovative work will use foot-traffic data to identify business patrons’ neighborhoods to identify recovery in consumption patterns as related to sociodemographic, political and economic context.

## CUPC proposal submissions

*~ fingers crossed!*

**CUPC PI:** Fernando Riosmena

**Collaborator:** Lead PI Solveig Argeseanu (Emory University) and Neil Mehta (U. of Texas Medical Branch)

**Project Title:** Disparities in the burden and progression of multi-morbidity across adulthood (resubmission)

**Funding Agency:** NIH/NIA (R01)

**Amount Requested:** \$293,311

**CUPC PI:** Colleen Reid

**Collaborators:** CU Boulder: Hannah Brenkert-Smith (NatHaz/ENVS), Mike Hannigan (Engineering), Christine Wiedinmyer (CIRES) /Anschutz School of Public Health: Katie Dickinson.

**Project Title:** Light my fire: Policy and practice-engaged research on minimizing risks and maximizing social acceptability of prescribed burning

**Funding Agency:** ABNexus Spring 2021 (internal collaboration between CU campuses)

**Amount Requested:** \$125,000

**CUPC PI:** Morteza Karimzadeh

**Collaborators:** CU Boulder: Benjamin Lucas (Geog) /Anschutz School of Public Health: Thomas Jaenisch

**Project Title:** Spatiotemporal forecasting of COVID-19 and the detection of early signals associated with the emergence of more infectious virus variants

**Funding Agency:** ABNexus Spring 2021

**Amount Requested:** \$50,000

## shifting CUPC roles

Fabulous news! The IBS Board has recommended **Stefan Leyk** for the position of Interim Director of the Population Program and the CU Population Center for the next academic year, while Director **Lori Hunter** takes a **well-deserved** sabbatical. Stefan currently serves as a CUPC Executive Committee member and leads the Environmental and Spatial Demography Primary Research Area (PRA).

*~ may your new professional roles, however brief, bring a refreshing, valuable experience for the both of you!*



**THIS MORNING @ 10am**, the Population Health Workshop will be hosting its first external speaker this year, [Dr. Jennifer Dowd](#), Assoc Professor of Demography and Population Health from U. of Oxford. She will be discussing "Perspectives from a Pandemic: Demographic Insights and Battling the 'Infodemic'". Zoom link [HERE](#).

**Mon, April 12, noon-1pm: Attention CUPC Graduate Students** - test your PAA presentation! CUPC will hold the annual *Population Association of America (PAA) Practice Talks*. Zoom link [HERE](#). Password: email [ibs-contact@colorado.edu](mailto:ibs-contact@colorado.edu).



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