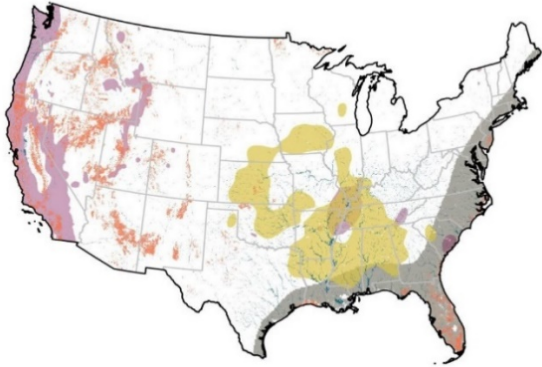


# cupc highlights

july 23, 2021

## recently published papers

Hazard hotspots



[“Risky development: Increasing exposure to natural hazards in the United States”](#) showcases the latest work from the strong partnership between CUPC’s environmental and spatial demographers (led by [Stefan Leyk](#)) and CIRES Earth Lab. The team’s latest paper, published in *Earth’s Future*, explores the continuous collision between vulnerable human development and natural hazard “hotspots” by linking unique fine-scale settlement data to hazards maps.

■ Earthquake ■ Flood ■ Hurricane ■ Tornado ■ Wildfire

More than Half of All Buildings in the US are at Risk of Natural Disasters

Family planning programs are believed to have substantial long-term benefits for women’s health and well-being, yet few studies have actually documented the long-lasting effects, especially related to fertility and economic outcomes -- until now! The much anticipated research findings of [Tania Barham](#), [Jane Menken](#), and colleagues, have finally been published into an enlightening paper entitled [“Thirty-five years later: Long-term effects of the Matlab maternal and child health/family planning program on older women’s well-being”](#), in *PNAS*. Their thorough study used collected data from the [Matlab](#) (Bangladesh) Health and Demographic Surveillance System (HDSS), as well as Matlab’s Health and Socioeconomic Surveys. ~ congratulations Tania and Jane!

In addition to all the substantial media coverage last month on [Ryan Masters’](#) work on major declines in life expectancy as a result of the COVID pandemic, his latest co-authored paper [“Effect of the Covid-19 pandemic in 2020 on life expectancy across populations in the USA and other high income countries: simulations of provisional mortality data”](#) has been published in the *British Medical Journal (BMJ)*. ~ outstanding Ryan!

## honors

Applause! Applause! for [Andrei Rogers](#), whose published book “Applied Multiregional Demography Through Problems: A Programmed Learning Workbook with Exercises and Solutions” has been recognized as one of [11 Best New Demography eBooks To Read In 2021](#), according to *Book Authority*, which rates the best books in the world, based on experts’ recommendations. ~ take a bow Andrei!

## media coverage

[Smoke from distant fires making impact on Boulder County](#) was a headline from *the Daily Camera* last Wed, which sought [Colleen Reid’s](#) expertise: “Particulate matter, also known as PM2.5, is liquid and solid particles that are 2.5 microns or smaller. For wildfires, the particles are even smaller, only about 1 micron. Because these particles are so small, they can get deeper into people’s lungs,” she explains. Colleen, as you may know, is one of the first U.S. researchers to actually study health impacts of wildfire smoke, so it’s no wonder countless other media outlets are

consistently seeking her professional insight, including this recent interview with *CU Boulder Today*, answering the question [Is Wildfire Smoke Bad for your Health?](#) ~ RSC = Rock Star Colleen!

### *invited talks and presentations*



Last month, the [Healthy Teen Network](#) invited [Katie Massey Combs](#) onto their blog post to discuss "[Bridging the Gap: How Caseworkers and Caregivers Can Support the Sexual & Reproductive Health of System Involved Youth](#)" (adolescents involved in child welfare). The "Healthy Teen Network" is a nonprofit that assists teachers, clinicians, and counselors with resources and training to help empower teens with making sound decisions about their own body, parenting, and the freedom to become who they want to be.

~ very cool Katie!

UC Denver affiliate [Andrea Velasquez](#) has been VERY busy sharing her team's latest research "[Temperature Shocks, Labor Markets and Migratory Decisions in El Salvador](#)" with various outlets:



- She and her colleagues participated in the [Center for Global Development seminar series](#) with an online presentation of their paper. (Andrea's input appears ~ 15-28 min. of the video)
- Andrea also contributed to the first "Climate Change and Labor Markets" workshop, hosted by [IZA](#), a nonprofit international research institute in labor economics.
- Take a listen to an interesting interview with Andrea, showcased on VoxDev, a media platform for development economics. The conversation involves "[Rising violence in Mexico City led workers, especially women, to reduce hours and leave the labour force.](#)" ~ BRAVO Andrea! Outstanding work!

### *newly funded grants*

Let's break out into a HAPPY DANCE everyone -- for the following lead Principal Investigators!



[Colleen Reid](#)'s proposed 3-yr. project "Informing School Decision-making during Wildfire Events: evaluation of indoor PM2.5 exposures and associated health impacts in children" was awarded an **EPA STAR** grant of **\$550K**! Colleen will be working in partnership with the Denver Public Schools on this timely project, given that wildfires are becoming more frequent and extreme, and health impacts from wildfire smoke, especially in children, are becoming such a great concern. Her team will be placing PM2.5 sensors in schools and in nearby Denver homes during wildfire events, to better decipher whether schools or homes are safer places for students during extreme air pollution events.

[Francisca Antman](#)'s proposed 2-yr. project "The Impacts of Supply and Demand on Ideas, Innovation, and Diversity in Economics" was awarded an **NSF ECON** grant of ~**\$406K**! Francisca will be collaborating with researchers from Notre Dame U. and Ohio State U. on this very exciting, innovative work. Her team will track the evolution of research by field using ProQuest (PQ) dissertation titles/abstracts including the EconLit subject codes, then linking demographic information on the identified *supply* of researchers with the *demand* for researchers, using data from the Job Openings for Economists (JOE).

~ congratulations to both of you LADIES!

## the bigger picture

[U.S. House of Representatives PRAISES NIH Population Research Activities, specifically NICHD and NIA!](#)



On July 15, the U.S. House of Representatives reported the Fiscal Year 2022 Labor, Health and Human Services and Education bill. Its report included provisions that the **Association of Population Centers (APC) and the Population Association of America (PAA)** proposed regarding population research activities supported by NIA and NICHD. Ideally, Congress will pass the bill and then send it to President Biden before the next federal fiscal year begins October 1.

*~ Hooray! More federal funds to support our Population research!*

## CUPC proposal submissions

*~ fingers crossed!*

**CUPC PI:** Stefan Leyk

**Collaborators:** Earth Lab (Lead PI: Stavros)

**Project Title:** Natural Perils Exposure Forecasting: A Proof-of-Concept Framework for exposure forecasting in California

**Funding Agency:** AXA XL (multinational insurance firm)

**CUPC Amount Requested:** \$67,000



*For those of you who remember CUPC Highlights back in early May when we mentioned the "Jeopardy" connection with our colleague [Josh Sanders](#): don't forget to watch "Jeopardy" next week (July 26 - July 30) to witness LeVar Burton's dream come true as guest host, thanks to Josh who made it all happen! Now, will LeVar give a shout-out to Josh!? Will Josh be in the audience? Wave to the camera? Is "the future so bright, ya gotta wear shades"?*



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