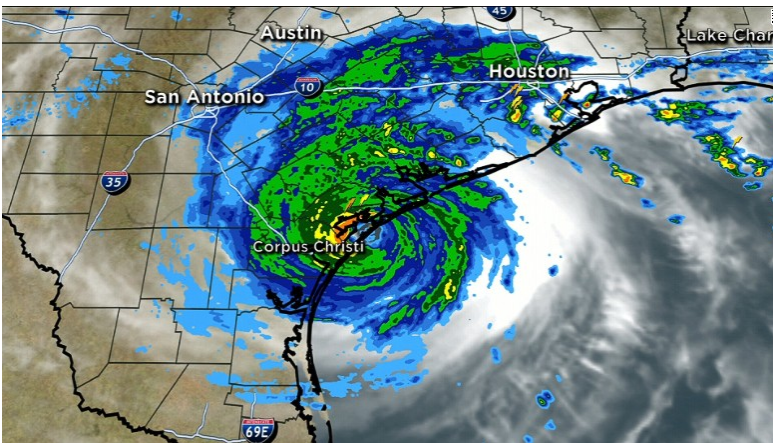


# cupc highlights

august 20, 2021

## recently published papers

As you may remember, Hurricane Harvey was a devastating Category 4 storm that made landfall on Texas back in August 2017, causing catastrophic flooding and hundreds of deaths. Four years later, what have the Texas hospitals learned from the unexpected impacts upon their healthcare infrastructure from this horrific event? [Colleen Reid](#) and lead author [Emma Hines](#) (former CUPC GRA) have some answers in their new manuscript [Hospital Preparedness, Mitigation, and Response to Hurricane Harvey in Harris County, Texas](#), published in *Disaster Medicine and Public Health Preparedness*. Infrastructure improvements, staff resilience, and advanced planning are some of the lessons learned, but their research also found that hospitals still struggle with staff burnout, roadway flooding, and patient evacuation.



Would a young woman's emotional reaction to having an unintended birth foreshadow the consequences of the resulting birth? Well, our UC Denver affiliate [Sara Yeatman](#) sought this answer and much more, using data from 896 Malawian women which included prospective measures of their fertility timing desires just months before conception and their emotional reaction to the pregnancy. Read her findings in the co-authored paper [Women's health decline following \(some\) unintended births: A prospective study](#), published in *Demographic Research*.

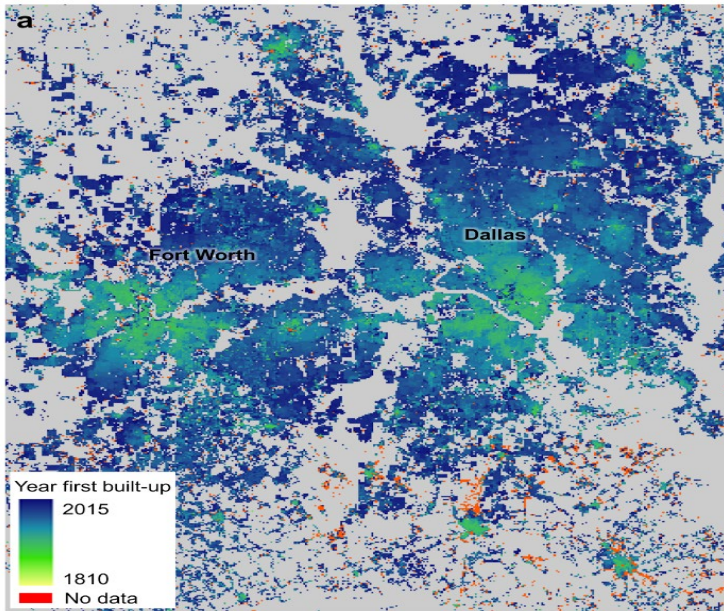
*Note: Are you aware that CUPC has an incentive program to publish in **Demography**? Upon acceptance, CUPC will award the lead author \$1,000 in their research account and will also pay page charges! Simply contact [Marisa.Seitz@colorado.edu](mailto:Marisa.Seitz@colorado.edu) upon acceptance. Also, feel free to reach out to Interim CUPC Director [Stefan.Leyk@colorado.edu](mailto:Stefan.Leyk@colorado.edu) or the Core Development Directors ([Patrick.krueger@ucdenver.edu](mailto:Patrick.krueger@ucdenver.edu), [Boardman@colorado.edu](mailto:Boardman@colorado.edu)) if you'd like input on draft manuscripts.*

## newly funded grants



Fabulous news! [Stefan Leyk](#) and his powerhouse team, consisting of [Jennifer Balch](#) (Director of CU's Earth Lab), Research Associate [Johannes Uhl](#), and others from U. of MN and CUNY, have successfully grabbed NSF's interest in funding their project "Data Infrastructure for Research on Historical Settlement and Population Growth in the United States"! The NSF-HNDS award (Human Networks and Data Science) will support their research that continues to explore the social, demographic, urban and environmental transformation of the U.S over the past two centuries, using the finest-resolution analysis to date, in space and time, of human settlement patterns. Thanks to the help from Zillow's ZTRAX data set, which consists of a plethora of property-related characteristics, together with the use of census-based

population data, this project will help to better understand long-term urbanization and land development processes, and provide usable, open data to the research community. ~ HIGH-FIVE to Stefan and the team!



### CUPC proposal submissions

~ fingers crossed!

Lead PI: **Terry McCabe**

Collaborators: San Diego State U., U. of North Carolina Population Center

Project Title: Response and Resilience Following Compound Extreme Events in Pastoral Systems with Contrasting Land Management Regimes

Funding Agency: NSF Cultural Anthropology Program - Senior Research

CUPC Amount Requested: \$484K

Lead PI: **Amanda Carrico**

Collaborators: Georgetown U., Columbia U., Emory U.

Project Title: Migration, Rural Land Use, and Resilience in Coastal Bangladesh

Funding Agency: NSF Human-Environment and Geographical Sciences Program

CUPC Amount Requested: \$415,617

CUPC Co-PI: **Colleen Reid**, IBS E&S PI: **Hannah Brenkert-Smith**

Lead Collaborators: CO School of Public Health/Anschutz (PI: Katie Dickinson)

Project Title: Light my fire: Prescribed burning decisions, risk perceptions, and community impacts in Colorado

Funding Agency: NSF Decision, Risk and Management Sciences

E&S Amount Requested: \$576,200



STAY TUNED for these exciting CUPC events happening this Fall! Details to come.

**CUPC Day:** a half-day celebration showcasing our affiliates' cutting-edge research with flash talks!

**CUPC Fall Seminars** (inclusive with the **IBS Speaker Series**), beginning **Sept. 13**.

~ embrace and enjoy the upcoming Fall semester everyone!



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