

# Samantha Gailey

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## Education

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### University of California Irvine (UCI)

Ph.D. Candidate, Social Ecology

Dissertation (in progress): A Social Ecological Perspective on Restorative Natural Environments and Health

Committee: Tim A. Bruckner (chair), John R. Hipp, Terry Hartig

Irvine, CA

2015 – Present

### Gettysburg College

B.A. with Highest Honors in Psychology and Business

Honors: *summa cum laude*, Phi Beta Kappa

Honor's Thesis: A Critical Examination of Embodied and "Enclothed" Cognition

Gettysburg, PA

May 2015

## Research Interests

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Neighborhoods and Health; Social Mobility; Restorative Natural Environments; Maternal and Perinatal Epidemiology; Quantitative Methods

## Summary of Expertise

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### Graduate Student Researcher

More than five years of experience at UCI performing data management, synthesis, and analysis of large state- and national-level health datasets and writing manuscripts for publication. I am fluent in SAS and geographic information systems (GIS) platforms.

### Consultant to The World Bank

Quantitative data analyst using epidemiologic models to project the healthcare workforce required to treat the needs of the Kingdom of Saudi Arabia to 2030; co-wrote reports for publication.

## Peer-Reviewed Publications

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**Gailey, S., & Bruckner, T. A.** (2019). Obesity among black women in food deserts: An "omnibus" test of differential risk. *Social Science and Medicine-Population Health*, 7(100363).

<https://doi.org/10.1016/j.ssmph.2019.100363>

Bruckner, T.A., Buher-Kane, J., **Gailey, S.** (2019). Strong upward neighborhood mobility and preterm birth: A matched-sibling design approach. *Annals of Epidemiology*, 36(5), 48-54.

<https://doi.org/10.1016/j.annepidem.2019.05.005>

Bruckner, T. A., **Gailey, S.**, Hallman, S., Amorevieta-Gentil, M., Dillon, L., & Gagnon, A. (2018). Epidemic cycles and environmental pressure in colonial Quebec. *American Journal of Human Biology*, 30(5), e23155. <https://doi.org/10.1002/ajhb.23155>

## Manuscripts Under Review & In Preparation

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**Gailey, S.,** McElroy, S., Benmarhnia, T., & Bruckner, T.A. Green mobility and obesity: A longitudinal analysis of neighborhood greenness in California. (2020). *Health & Place*. Revisions requested and resubmitted.

**Gailey, S.,** Knudsen, E.S, Mortensen, L.H, & Bruckner, T.A. (2020). Birth outcomes following unexpected job loss: A matched sibling design. *International Journal of Epidemiology*. Under review.

**Gailey, S.,** Cross, R.I., Messer, L.C., & Bruckner, T.A. (2020). Antecedents of downward residential mobility among young women in California. *Ethnicity & Health*. Under review.

Bruckner, T.A., **Gailey, S.,** Das, A., Gemmill, A., Casey, J.A., Catalano, R., & Shaw, G.M. Stillbirth as left truncation for early neonatal death in California, 1989-2015: A time-series study (2020). *BMC Pregnancy and Childbirth*. Under review.

**Gailey, S.,** NCube, C., & Bruckner, T. A. (2020). Residential mobility and preterm birth among non-Hispanic Black women in California. *Paediatric and Perinatal Epidemiology*. In preparation.

**Gailey, S.,** Bruckner, T.A., Lin, T.K., Liu, J.X., Herbst, C. (2020). A needs-based methodology to project physicians and nurses to 2030: The case of the Kingdom of Saudi Arabia. *Human Resources for Health*. In preparation.

## Book Chapters

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**Gailey, S.,** & Bruckner, T. A. Forthcoming. A needs-based approach to projecting physicians and nurses required in the Kingdom of Saudi Arabia.” In *World Bank Report*. Washington, DC: International Monetary Fund.

## Conference Proceedings

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### Society for Epidemiologic Research

Virtual

Dec 2020

*Conference poster*

“Strong upward residential mobility and preterm birth: A sibling control design in California, 2005-2015”

### American Psychological Association

Chicago, Illinois

Aug 2019

*Conference presentation*

“Are nature lovers happier and healthier? Examining relations among nature connectedness, positive affect, and general health”

**Interdisciplinary Association for Population Health Science**

Seattle, Washington

Oct 2019

*Conference poster*

“Greenspace and obesity risk among non-Hispanic black and white women”

**Population Association of America**

Austin, Texas

Apr 2019

*Conference presentation*

“Maternal cumulative exposure to adverse neighborhood environments and preterm birth”

**Population Association of America**

Denver, Colorado

Apr 2018

*Conference poster*

“Obesity and the neighborhood food environment: Intersections of race and poverty”

**Program of Research in Demographic History**

Montreal QC, Canada

Nov 2017

*Conference presentation*

“Epidemic cycles and environmental pressure in colonial Quebec”

**Awards, Honors & Grants**

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- “Health disparity or survival advantage: The case of non-Hispanic black preterm birth,” Seed Funding (Graduate Student Researcher), Center for Population, Inequality, and Policy, UCI, 2020
- “Preconception neighborhood environments and poor infant health: A quasi-experimental analysis,” Small Research Grant (Graduate Student Researcher), Center for Demographic and Social Analysis, UCI, 2018
- Graduate Student Mentoring & Teaching Award, UCI, 2016-2017
- Phi Beta Kappa, Gettysburg College, 2015
- James Boyd Hartzell Memorial Award (Annual Award for Outstanding Scholarship), Gettysburg College, 2015
- Presidential Scholar (Highest Merit Scholarship for Entering Students), Gettysburg College, 2011-2015

**Teaching Experience**

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**Graduate Teaching Assistant**

Responsibilities include leading weekly discussion sections and bi-quarterly exam review sessions, holding office hours, managing course websites, creating exam questions, and grading coursework.

**Courses**

Research Design (Fall '15), Environmental Psychology (Winter '16), Positive Psychology (Spring '16), Human Stress (Fall '16, Spring '17), Naturalistic Field Research (Winter '17, Spring '18, Spring '19), Abnormal Psychology (Fall '17, Fall '18), Developmental Psychopathology (Winter '19), Attachment Relationships (Fall '19), Psychology Fundamentals (Winter '20), Foundations of Community Health (Spring '20), Principles of Public Health (Fall '20)

## **Guest Lectures**

Foundations of Community Health, Program in Public Health, UCI (Spring 2020)

Lecture: "Neighborhoods and Health," class size approx. 150

Foundations of Community Health, Program in Public Health, UCI (Spring 2020)

Lecture: "Zoning and Environmental Justice," class size approx. 150

Ecology of Healthy Communities, School of Nursing, UCI (Fall 2019)

Lecture: "Environmental Impacts on Health," class size approx. 10

Environmental Psychology, School of Social Ecology, UCI (Term year)

Lecture: "Restorative Natural Environments," class size approx. 300

## **Refereeing**

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- *Journal of Racial and Ethnic Health Disparities*
- *Applied Research in Quality of Life*
- American Psychological Association (APA), Division 34 (Society for Environmental, Population, and Conservation Psychology)

## **Professional Memberships**

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- Population Association of America (PAA)
- Society for Epidemiologic Research (SER)
- American Psychological Association (APA)
- Interdisciplinary Association for Population Health Science (IAPHS)