

Department of Sociology
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NICOLE PANGBORN

education

Princeton University (2013 - present)

PhD student, Sociology

Research interests: microsociology, social networks, computational social science

University of Cambridge (2011 - 2012)

MPhil, Applied Biological Anthropology

Thesis: "Social Networks and Decision-Making: Food and Influence in the Age of Twitter"

Johns Hopkins University (2006 - 2010)

BA, Mathematics

Minor in Classics

experience

Social Data Analyst at Topsy (2012 - 2013)

Social search engine and web analytics services in San Francisco, CA

Processed / analyzed large data sets from Twitter and reported on noteworthy national and international trends in online communication.

Research Assistant at Johns Hopkins School of Medicine (2010 - 2011)

Center for Functional Anatomy and Evolution in Baltimore, MD

Used GLS and EDMA to analyze brain shape and facial morphology of children with autism and cleft lip and palate, respectively.

Clinical Research Coordinator at Johns Hopkins Hospital (2010 - 2011)

Sidney Kimmel Comprehensive Cancer Center in Baltimore, MD

Conducted study visit surveys, drew blood, and coordinated lab samples for eligible patients in the surgery clinic who wished to participate in a Repository study geared towards predictive biomarkers in blood samples.

Trip Leader at 4K for Cancer (2008 - 2010)

Cross country cycling charity based in Baltimore, MD

With 27 other college students, raised funds during the '08 - '09 academic year for donation to the Baltimore Hope Lodge and cycled 4,000 miles cross country (Baltimore to San Francisco) during summer '09. As a trip leader, organized team duties, directions, host stays, and meals.

Summer teacher at Mount Saint Charles Academy (2006 - 2008)

Fine Arts Summer Camp in Woonsocket, RI

Taught elementary-level science courses focused on experimental learning, middle-school level historical science courses, and elementary-level interactive mathematics courses.

current projects

NYC 3-1-1

This project examines the dynamics of neighborhood disorder through the use of 3-1-1 calls in New York City. I devise a “neighborhood trajectory” method for measuring disorder over time in physical-social disorder space, identifying clusters of trajectory patterns associated with different social and demographic characteristics.

teaching

Preceptor / Teaching Assistant for SOC 204: Social Networks (Spring 2015)

Instructor: Matthew Salganik, Princeton University

Preceptor / Teaching Assistant for SOC 101: Introduction to Sociology (Fall 2014)

Instructor: Mitchell Duneier, Princeton University

Preceptor / Teaching Assistant for SOC/EGR 277: Technology and Society (Spring 2014)

Instructor: Angela Creager, Princeton University

papers & presentations

Chollet, M. B., Aldridge, K., Pangborn, N., Weinberg, S. M., & DeLeon, V. B. (2014). Landmarking the brain for geometric morphometric analysis: an error study. *PloS one*, 9(1), e86005.

Pangborn, N. A., Chollet, M. B., Mostofsky, S. H., Crocetti, D., & DeLeon, V. B. (2011). A landmark-based analysis of brain dysmorphology in children with autism. *The FASEB Journal*, 25 (Meeting Abstracts), 674.7.

awards

Distinction in the MPhil degree

The University of Cambridge

skills

R, Python, LaTeX, HTML

services

Resident Graduate Student (2014 - 2016)

Mathey College, Princeton University

GSAC first year representative (2013 - 2014)

Department of Sociology, Princeton University

updated: 04 August 2015