Arielle Samantha Gillman, PhD, MPH

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Summary

- Behavioral scientist with interest and experience in research design and quantitative methods for the betterment of public health and its associated systems.
- Author of peer-reviewed publications in scientific journals including *Annals of Behavioral Medicine, Sports Medicine, JAMA Pediatrics, Frontiers in Public Health, Journal of Applied Social Psychology, Breast Cancer Research and Treatment, Perspectives on Psychological Science, and AIDS and Behavior.*

Education

2019	**M.P.H., Epidemiology and Biostatistics,** Johns Hopkins University
2018	**Ph.D., Social Psychology,** University of Colorado Boulder
	Certificate in Quantitative Methods for the Behavioral Sciences
2016	**M.A., Social Psychology,** University of Colorado Boulder
2013	**B.A., Neuroscience, Art History,** University of Southern California

Employment

2018-present	**Senior Analytic Consultant,** HCBS Strategies, Inc.

- Conduct reliability and validity analyses of assessment and support planning tools for long-term services and supports
- Provide quantitative expertise for the design of evaluation processes
- Assist in production of deliverables

2018-present	**Cancer Prevention Fellow**, National Institutes of Health-National Cancer Institute

- Postdoctoral research in cancer prevention and control

2013-2018	**Teaching Assistant and Lab Instructor,** University of Colorado Boulder

- Provide support and lead and prepare lab sections for undergraduate and graduate level courses, including statistics, research methods, social psychology, and developmental psychology

Research Experience

2014–2018	**Graduate Student Researcher,** The Center for Health and Addiction: Neuroscience, Genes, and Environment Lab, University of Colorado Boulder

Principal Investigator: Angela Bryan, Ph.D.
Responsibilities included: assisting with data management and analysis of ongoing grant projects, development of IRB protocols, project organization and running subjects for new studies, literature reviews, preparation of data for presentation in conferences and for publication in peer-reviewed outlets, recruitment, supervision, and management of undergraduate research assistants, and other research related duties as requested.

Statistical and Methodological Training

In formal coursework, I have studied experimental and quasi-experimental design, statistical programming, and statistical methods including structural equation modeling, hierarchical linear modeling/multilevel modeling, mediational analysis, and logistic regression. I have experience with a variety of statistical and technical software packages, including R, SPSS, SAS, Mplus, HLM7, QGIS, and Microsoft Suite.