

CATHERINE A. BOYD

Full Name: Catherine Allene Boyd Heredia
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EDUCATION

PhD in Sociology (*In Progress*) **Rice University**
Graduate Certificate in Teaching and Learning
Comprehensive Exams: Population Health, Gender
Dissertation: *Girls' & Boys' Health Lifestyle Trajectories: The Impact of Parents, Peers, and Schools*
Committee: Rachel Tolbert Kimbro (chair), Bridget Gorman, Anna Rhodes, and Fred Oswald

M.A. in Sociology (2017) **Rice University**
Thesis: *Differences in Parent Ratings of Child Wellbeing*
Committee: Rachel Tolbert Kimbro, Bridget Gorman, and Ruth López Turley

Master of Public Health (2011) **Emory University**
Concentration: Behavioral Sciences & Health Education
Honors: Delta Omega Honorary Society
Thesis: *Knowledge, Attitudes, and Behaviors of Low-Income Women Considered High Priority for Receiving the Novel Influenza A (H1N1) Vaccine.*
Committee: Julie Gazmararian, PhD, MPH and Winifred Thompson, PhD, MSW

B.A. in Public Health Studies (2004) **Johns Hopkins University**
Concentration: Natural Sciences

RESEARCH INTERESTS

Social Determinants of Health, Children and Youth, Gender, Family, Community, Schools & Educational Inequality, Life Course Theory & Quantitative Methods

TEACHING EXPERIENCE

SOCI 345: Medical Sociology (Fall 2018), Instructor
Department of Sociology, School of Social Science, Rice University

HONS 470: Senior Research Seminar (Fall 2018), Guest Lecturer
Rice Undergraduate Scholars Program, Rice University

SOCI 382: Social Statistics (Spring 2017), Teaching Assistant
Department of Sociology, School of Social Sciences, Rice University

IDNS 2197: Topics in Natural Sciences & Mathematics (Fall 2014), Instructor
College of Natural Sciences & Mathematics, University of Houston

PE101: Personal Health (Fall 2009-Spring 2011), Head Teaching Assistant
Emory College, Emory University

BSHE 540: Behavioral Research Methods (Fall 2010), Teaching Assistant
Rollins School of Public Health, Emory University

Secondary

Human Anatomy & Physiology (Fall 2011 – Spring 2012), Instructor
Carver School for Health Sciences & Research, Atlanta Public Schools

Comprehensive Science (Fall 2007 – Spring 2009), Instructor
Middle River Middle School, Baltimore County Public Schools

Comprehensive Science (Fall 2004 – Spring 2007), Instructor
Jose de Diego Middle School, Miami-Dade County Public Schools

Teach for America (2004-2006), Corpsmember

RESEARCH EXPERIENCE

Kinder Institute Urban Health Program <i>Graduate Research Assistant</i>	2015-Present
Center for Civic Leadership <i>Houston Action Research Team (HART) Coach</i> <ul style="list-style-type: none">• Communicating the Value of a Walk through the Woods (Spring 2019)• Preserving African American Military History at Camp Logan (Fall 2018)• Addressing Educational Engagement with the Third Ward (Spring 2018)	2018-2019
What New Moms Need to Know <i>Research Specialist</i>	2011
H1N1 Vaccination Among Low-Income Women <i>Research Project Coordinator</i>	2009-2011
Girls OnGuard <i>Graduate Research Assistant</i>	2009-2010

PEER-REVIEWED PUBLICATIONS

Boyd, Catherine A., Julie A. Gazmararian, and Winifred W. Thompson. 2013. "Knowledge, Attitudes, and Behaviors of Low-Income Women Considered High Priority for Receiving the Novel Influenza A (H1N1) Vaccine." *Maternal and Child Health Journal*, 17(5): 852-861.

MANUSCRIPTS UNDER REVIEW

Boyd, Catherine A. "When Fathers and Mothers Disagree: Differences in Ratings of Child Wellbeing among Parent Dyads." Under review by *Journal of Child and Family Studies*

Boyd, Catherine A., Ashley W. Kranjac, Rachel T. Kimbro, Brady S. Moffet, and Kelia N. Lopez. "Neighborhoods Matter; But for Whom? Heterogeneity of Neighborhood Impacts on Child Obesity by Gender and Age." Under review by *Social Science & Medicine*

MANUSCRIPTS IN PROGRESS

Boyd, Catherine A. "Physical Education in American Elementary Schools and Body Mass Index."

Boyd, Catherine A. "Student-Teacher Socioeconomic Background, Classroom Composition & Externalizing Problem Behavior."

CONFERENCE PRESENTATIONS

American Public Health Association Annual Meeting, Philadelphia, PA 2019
"Physical Education in American Elementary Schools and Body Mass Index"

Population Association of America Annual Meeting, Austin, TX 2019
"When Mothers and Fathers Disagree: Differences in Ratings of Child Wellbeing among Parent Dyads"

High-Impact Practices and Community Engagement Showcase, Houston, TX 2019
"Growing Community Engagement through Civic Research: Rice's Houston Action Research Teams"

Southern Demographic Association Annual Meeting, Morgantown, WV 2017
"Differences in Ratings of Child Wellbeing"

Population Association of American Annual Meeting, Chicago, IL 2017
"Family Complexity, Transitions, and Child Wellbeing" with Laura L. Freeman and Rachel T. Kimbro

Southern Demographic Association Annual Meeting, Athens, GA 2016
"Family Structure Transitions and Children's Socioemotional Wellbeing" with Laura L. Freeman and Rachel T. Kimbro

CONFERENCE PARTICIPATION

Population Association of America Annual Meeting, <i>Denver, CO</i>	2018
Policy to Practice: The Future of Social Determinants of Health Screening and Interventions, Center for Child Health Policy and Advocacy at Texas Children's Hospital, <i>Houston, TX</i>	2017
Population Association of American Annual Meeting, <i>Washington, D.C.</i>	2016

ADDITIONAL TRAINING

Structural Equation Modeling , Inter-university Consortium for Political and Social Research (ICPSR), University of Houston (Jennifer Clark, Instructor)	2019
Multilevel Models I , Inter-university Consortium for Political and Social Research (ICPSR), University of Michigan (Mark Manning, Instructor)	2017
Maximum Likelihood Estimation I , Inter-university Consortium for Political and Social Research (ICPSR), University of Michigan (Dean Lacy, Instructor)	2017
Mathematics for Social Scientists II , Inter-university Consortium for Political and Social Research (ICPSR), University of Michigan (Howard Thompson, Instructor)	2017
R Statistical Computing , Inter-university Consortium for Political and Social Research (ICPSR), University of Michigan (Kerem Ozan Kalkan, Instructor)	2017

PROFESSIONAL EXPERIENCE

Program Director College of Natural Sciences & Mathematics, University of Houston	2013-2015
Complex Director Division of Student Affairs, Emory University	2012-2013
On-Site Director Duke Talent Identification Program, Duke University	2012

INSTITUTIONAL SERVICE

Graduate Student Representative to the Faculty, Department of Sociology, Rice University	2018-2019
Graduate Student Liaison, Center for Teaching Excellence, Rice University	2018-2019
First Round Selection Committee, Graduate Teaching Award for Independent Instruction, Center for Teaching Excellence, Rice University	2018

President, Social Sciences Graduate Student Association, Rice University	2017-2018
Travel Grant Award Committee, Graduate Student Association, Rice University	2017-2018
Graduate Student Representative, Student Wellbeing Office, Rice University	2017-2018
Graduate Student Representative to the Graduate Student Association, Rice University	2016-2017
Judge, Rice Undergraduate Research Symposium, Rice University	2016
STEM Share Volunteer, Office of STEM Engagement, Rice University & Houston Independent School District	2015-2017

GRANTS/AWARDS

Research Fellowship (\$27,500/year) from Department of Sociology, Rice University, 2015-2020

Travel Stipend (\$750) to attend the “Panel Study of Income Dynamics (PSID) Data User Workshop” at the University of Michigan, 2019

Research Grant (\$750) from Department of Sociology to attend the Structural Equation Modeling (ICPSR) Summer Workshop at the University of Houston, 2019

Scholarship (\$500) from the Inter-university Consortium for Political and Social Research (ICPSR) to attend the Structural Equation Modeling Summer Workshop, University of Houston, 2019

Conference Travel Grant (\$750) from Department of Sociology to present at the Population Association of America Annual Meeting in Austin, TX, 2018

Research Grant (\$750) from Department of Sociology to attend the Inter-university Consortium for Political and Social Research (ICPSR) Summer Program at the University of Michigan, 2017

Conference Travel Grant (\$500) from Rice Social Sciences Research Institute to present at the Population Association of America Annual Meeting in Chicago, 2017

Conference Travel Grant (\$250) from Social Science Graduate Student Association to present at the Population Association of America Annual Meeting in Chicago, 2017

SKILLS

Software	Stata, SAS, R, ArcGIS, EpiInfo
Statistical Methods	General and Generalized Linear Models, Multilevel Modeling, Structural Equation Modeling, Causal Inference
Other Training	Community Needs Assessment, Evaluation, Qualitative Methods, Psychometrics, Sampling, Survey Design

PROFESSIONAL ASSOCIATIONS

American Public Health Association

Section Memberships:

Maternal and Child Health

School Health Education and Services

American Sociological Association

Section Memberships:

Medical Sociology

Population

Children and Youth

Sex and Gender

Teaching and Learning

Population Association of America