

RACHEL L. NESBIT

EDUCATION

University of Maryland

College Park, MD

Ph.D. in Economics

July 2018 – Present

- Fields of specialization: primary in Labor Economics, secondary in Econometrics
- Research interests: mental health, early childhood interventions, mothers' labor force participation, estimation of networks with unobserved links

University of North Carolina

Chapel Hill, NC

B.A. Economics, B.S. Statistics

August 2013 – May 2017

- Honors Program, Magna Cum Laude, Dean's List
- Completed Honors Thesis in Economics

UNC in Sevilla

Sevilla, Spain

Centro Internacional De Estudios Culturales (CINECU)

May 2015 – July 2015

- Language immersion, courses in Spanish history and literature

WORKING PAPERS

"Treating the Convicted with Mental Health Treatment," work in progress

"Getting Their ACT Together? The Impact of Mandatory College Entrance Exams on Postsecondary Achievement," work in progress

"A Dynamic Spatial Panel Model for the Spread of COVID-19," work in progress, with Guido Kuersteiner

"Same Sex Couples and Earnings Trends," work in progress, with Barbara Downs, Lucia Foster, and Danielle Sandler

"Peer Effects on Partisanship, Registration, and Voter Turnout: Evidence from Roommate Assignments," work in progress, with Ken Coriale and Ethan Kaplan

"Opening the Black Box: Task and Skill Mix and Productivity Dispersion," NBER-CRIW paper, with Jake Blackwood, Cindy Cunningham, Matthew Dey, Lucia Foster, Cheryl Grim, John Haltiwanger, Sabrina Pabilonia, Jay Stewart, Cody Tuttle, and Zoltan Wolf

RELEVANT EXPERIENCE

Economist

July 2020 – present

RA, United States Census Bureau

- Built dispersion in productivity (DiSP) data product with Cheryl Grim, John Haltiwanger, Lucia Foster, and Zoltan Wolf
- Added 27 more years of data, improved imputation, and developed procedure to remove duplicate observations
- Maintained DiSP inbox and weekly meeting agenda and notes

Assistant Instructor

May 2020 – August 2020

Graduate Summer Math Camp

- Developed and taught supplementary material to incoming economics graduate students, focusing on probability theory
- Implemented the transition to a fully online math camp and maintained the course email and WebEx interface

Teaching Assistant

August 2018 – May 2020

Graduate Econometrics; Introductory Microeconomics; Economics of Education

- Created and graded problem sets and exams, maintained course websites, and explained concepts during weekly office hours
- Taught weekly classes in graduate econometrics, including time series and panel methods

Tutor, University of Maryland

May 2019 – May 2020

Graduate Microeconomics, Graduate Macroeconomics, Integral Calculus

- Tutored five first-year graduate students in preparation for comprehensive exams, improving scores to passing
- Developed study schedules and materials, solved problems, and explained concepts in depth
- Tutored undergraduate calculus, improving exam-taking by over 40 points

Tutor, University of North Carolina

January 2017 – May 2017

Advanced Placement Statistics

- Tutored high schooler in AP statistics, increasing AP exam score to passing
- Implemented study schedules and practice exams and explained a variety of statistical concepts at a college introductory level

PRESENTATIONS

AEA Annual Meeting, CSQIEP (January 2022)

HONORS AND AWARDS

Duke-Energy Scholar (merit scholarship), University of North Carolina Chapel Hill, August 2013 – May 2017

Phi Beta Kappa, University of North Carolina Chapel Hill, April 2016

Omicron Delta Epsilon (Economics Honor Society), University of North Carolina Chapel Hill, April 2016

Excel Carolina Study Scholar (scholarship to study abroad), May – July 2015

SKILLS

Languages: English (native), Spanish (fluent), Italian (beginner)

Computational: STATA, Matlab, SAS, R (advanced); GAMS, Java, Mata (basic)

Interests: piano, handbells, reading, skiing, baking

RELEVANT COURSEWORK

Graduate: Labor I and II, Public, Industrial Organization, Empirical Microeconomics, Econometrics - Advanced Panel Methods

Undergraduate: Introductory Econometrics, Family Economics, Game Theory, European Economic Integration, Macroeconomics, Microeconomics, Real Analysis, Probability Theory, Linear Algebra, Differential Equations, Discrete, Optimization, Statistical Methods, Multivariate Calculus