

# Sarah Peko-Spicer

PHD CANDIDATE

Department of Statistics, Northwestern University, 2006 Sheridan Road, Evanston IL, 60201

☎ (301)-661-9791 | ✉ sarahpeko-spicer2018@u.northwestern.edu

## Education

### Northwestern University

PHD, STATISTICS

Evanston, IL

2021 (Expected)

- Dissertation: *Experimental design for systematic replication in the social sciences*
- Committee: Larry V. Hedges (*Chair*), Elizabeth Tipton, Bruce D. Spencer

### Northwestern University

MS, STATISTICS

Evanston, IL

2018

### Carnegie Mellon University

BS, ECONOMICS AND STATISTICS

Pittsburgh, PA

2013

- Additional major in French and Francophone Studies

## Fellowships, Honors & Awards

### University Fellowship, Northwestern University

2015-2016,

2019-2020

### Multidisciplinary Program in Education Sciences Fellowship, U.S. Department of Education, Institute of Education Sciences

2016-2019

### Distinguished Pedagogical Service Award, Department of Economics, Carnegie Mellon University

2013

### Distinguished Service Award, Department of Economics, Carnegie Mellon University

2013

### Senior Leadership Award, Carnegie Mellon University

2013

## Research & Professional Experience

### Statistics for Evidence-Based Policy and Practice (STEPP) Center, Northwestern University

Evanston, IL

GRADUATE RESEARCH ASSISTANT

2019 - present

### Institute for Policy Research, Northwestern University

Evanston, IL

GRADUATE RESEARCH ASSISTANT

2016 - present

### Society for Research on Educational Effectiveness

Washington, D.C.

COURSE DEVELOPER

2018 - 2019

### Pittsburgh Public Schools

Pittsburgh, PA

PROJECT SPECIALIST, DATA & REPORTING

2013 - 2015

### Pittsburgh Public Schools

Pittsburgh, PA

RESEARCH ASSISTANT

2012 - 2013

### Office of Board Members, Federal Reserve Board

Washington, D.C.

INTERN

2012

## Publications

Schauer, J.M., Fitzgerald, K.G., **Peko-Spicer, S.**, Whalen, M.C.R., Zejnullahi, R., & Hedges, L.V. An evaluation of statistical methods for aggregate patterns of replication failure. Forthcoming in *Annals of Applied Statistics*.

## Talks

---

**Peko-Spicer, S.** Manipulating implementation dosage to understand treatment effect heterogeneity. Poster presented at the Society for Research on Education Effectiveness (SREE) annual conference, March 2020. (Cancelled due to COVID-19).

Handsman, E., Hittner, E., **Peko-Spicer, S.** Ninth grade course failure and time to graduation. Presented to stakeholders at Evanston Township High School, May 2018.

Branson, Z., **Peko-Spicer, S.**, Alexandria, S. Modeling absence and academic achievement in Pittsburgh high schools. Presented to stakeholders at Pittsburgh Public Schools, May 2013.

## Teaching

---

### Hierarchical Linear Models (STAT 356)

TEACHING ASSISTANT

Northwestern University

2018

### IES Summer Institute in Cluster Randomized Trials for Established Researchers

CONSULTANT/GROUP FACILITATOR

Northwestern University

2016-2019

### Introductory Economics

TEACHING ASSISTANT

Carnegie Mellon University

2012-2013

### Intermediate Macroeconomics

TEACHING ASSISTANT

Carnegie Mellon University

2012-2013

### Introductory & Intermediate French

TEACHING ASSISTANT

Carnegie Mellon University

2010-2013

## Leadership & Service

---

### COMMUNITY LEADERSHIP & SERVICE

**SREE Researchers of Color**, *Co-founder*, Society for Research on Educational Effectiveness

2019

**CoalitionNU**, *Co-founder*, Northwestern University

2019

**Graduate Leadership & Advocacy Council**, *President*, Northwestern University

2017-2018

**Policy Review Board Advisory Committee**, Northwestern University

2017-2018

**University Disciplinary Committee**, Carnegie Mellon University

2012-2013

**Academic Review Board**, Carnegie Mellon University

2012-2013

### MENTORSHIP & ADVISING

**No Longer Hidden Figures: Women of NU STEM Departments Reflect on Gender & Race**,

2019

*Panelist*, Northwestern University

**Introduction to Graduate Education at Northwestern**, *Panelist*, Northwestern University

2018

**The Graduate School New Student Orientation**, *Panelist*, Northwestern University

2017

**The Graduate School Diversity Peer Mentorship Program**, *Mentor*, Northwestern University

2016-2017

### DEPARTMENTAL SERVICE

**Graduate student town hall organizer**, Northwestern University Department of Statistics

2019-2020

**Statistical methods in the social sciences working group organizer**, Northwestern University

2018-2019

Department of Statistics

**PhD admissions & orientation volunteer**, Northwestern University Department of Statistics

2016-2020

### JOURNAL REFEREE SERVICE

Journal of Research on Educational Effectiveness

### PROFESSIONAL SOCIETY MEMBERSHIP

American Statistical Association, Society for Research on Educational Effectiveness