

KAITLYN G. FITZGERALD

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Department of Statistics
Northwestern University
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EDUCATION

Ph.D. Statistics, Northwestern University, Evanston, IL	(expected) 2021
M.S. Statistics, Northwestern University, Evanston, IL	2018
B.S. Mathematics, Olivet Nazarene University, Bourbonnais, IL	2015

FELLOWSHIPS, HONORS & AWARDS

Pre-doctoral Fellowship, U.S. Institute of Education Sciences Interdisciplinary Research Training Program in the Education Sciences	2017 - 2020
University Fellowship, Northwestern University	2016 – 2017
<i>Summa Cum Laude</i> , Olivet Nazarene University	2015
Award for Excellence and Meritorious Work in Mathematics, Olivet Nazarene University; top departmental award	2015
University Honors Program Graduate, Olivet Nazarene University	2015

TEACHING EXPERIENCE

Searle Center for Advancing Learning and Teaching , Teaching Certificate Program, Northwestern University	2019 – 2020
Department of Statistics , Northwestern University Curriculum development STAT 202: Introduction to Statistics (Summer 2019) Teaching Assistant STAT 202: Introduction to Statistics (Fall 2019) STAT 330: Applied Statistics for Research (Fall 2018)	2018 - present
Department of Athletics , Northwestern University Coordinated Learning Team Instructor & Individual Tutor, STAT 202: Introduction to Statistics (Winter '19 – Summer '19)	2018 - present

PSYCH 201: Statistical Methods in Psychology (Summer 2019)
 STAT 350: Regression Analysis (Winter 2019)
 MATH 220: Differential Calculus of One Variable Functions (Winter 2019)
 STAT 210: Introductory Statistics for the Social Science (Fall 2018)
 STAT 325: Survey Sampling (Fall 2018)

IES Summer Training Institute: Cluster Randomized Trials, 2018 - 2019
 Northwestern University, Consultant / Facilitator

Meta-Analysis Training Institute, Loyola University, Graduate Assistant Summer 2019

Department of Mathematics, Olivet Nazarene University
 Teaching Assistant 2012 - 2015
 MATH 103: Mathematics for the Liberal Arts
 MATH 147: Calculus I
 MATH 148: Calculus II
 MATH 241: Statistics
 Supplemental Course Instructor 2012 - 2015
 Taught open tutoring sessions in the Math Lab

PUBLICATIONS

Miller, J., **Fitzgerald, K.**, Smith, A., & Young, S. Geophagy among a cohort of Kenyan women with mixed HIV status: a longitudinal analysis. *American Journal of Tropical Medicine & Hygiene*. In press. 2019

CONFERENCE PRESENTATIONS & INVITED TALKS

Fitzgerald, K. What are we 95% confident about anyway? A software-embedded curriculum for learning statistical inference. Presentation at Association of Christians in the Mathematical Sciences bi-annual conference, Indiana Wesleyan University, May 2019. 2019

Tipton, E., Spybrook, J., Wang, Q., & **Fitzgerald, K.** Assessing the Relevance of IES Funded Goal 3 and 4 Studies to Important Policy Populations. Paper presented at the Society for Research on Educational Effectiveness. Washington, DC, March 2019. 2019

Fitzgerald, K. Statistics for Social Good: Why your math degree is in demand in social policy and international development. Invited talk at Olivet Nazarene University, Department of Mathematics, October 2018. 2018

Blaushild, N., **Fitzgerald, K.**, & Kamel, A. Does AIT improve student outcomes? 2018
 An analysis of referrals, attendance, and grades. Presented to stakeholders at
 Evanston Township High School, May 2018.

RESEARCH & PROFESSIONAL EXPERIENCE

Statistical Consultant, Young Research Group, Northwestern University; 2018 – present
 Provide statistical consulting for interdisciplinary research projects
 in anthropology and global health

Research Analyst, Barna Group, Ventura, CA; 2015 - 2016
 Programmed and published customized surveys, analyzed survey data,
 wrote and edited customized client reports, and conducted database
 management

Learning & Analysis Intern, World Vision International, Washington, DC, 2015
 Contributed to an innovative IT and data architecture project, Horizon,
 designed to improve the efficiency and effectiveness of monitoring and
 evaluation in relief and development programs in 100 countries

Undergraduate Honors Capstone Thesis, Olivet Nazarene University, 2013 - 2015
 40-page written thesis of analysis of Barna Group survey data. Presented
 at the Honors Council of the Illinois Region Spring Student Symposium
 and Olivet Nazarene University Scholar Week

Research Assistant Intern, Barna Group, Ventura, CA, Summer 2014
 Compiled data reports, analyzed survey data, and assisted research team
 in creating surveys and customized client reports

PROFESSIONAL AFFILIATIONS

American Statistical Association, member 2017 – present

Association of Christians in the Mathematical Sciences, member 2018 – present

Institute for Policy Research, Northwestern University, graduate affiliate 2017 – present

Mathematical Association of America, member 2019 - present

Society for Research on Educational Effectiveness (SREE), member 2019 – present

Statistics for Evidence-Based Policy and Practice (STEPP) Center,
 Northwestern University, graduate affiliate 2019 – present

Women in Statistics, Northwestern University, founding member 2018 – present

RECENT LEADERSHIP & SERVICE

Small Group Coordinator, Graduate Christian Fellowship,
Northwestern University 2017 – present

Small Group Leader, Graduate Christian Fellowship, Northwestern University 2018 – present

Stewardship Task Force, First Presbyterian Church of Evanston 2019

Volunteer Statistical Consultant, First Presbyterian Church of Evanston 2018
Analyzed data and presented insights from congregational survey

Panelist, InterVarsity Ethnic Reconciliation and Justice National Consultation,
University of Chicago, May 2018 2018

World Relief Volunteer, First Presbyterian Church of Evanston 2017
Member of a World Relief Good Neighbor Team that serves newly
arriving refugees