

KAITLYN G. FITZGERALD

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Department of Statistics
Northwestern University
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EDUCATION

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

FELLOWSHIPS, HONORS & AWARDS

2017 – 2020	Pre-doctoral Fellowship, U.S. Institute of Education Sciences, Interdisciplinary Research Training Program in the Education Sciences
2016 – 2017	University Fellowship, Northwestern University
2015	<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

TEACHING EXPERIENCE

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

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

- 2019 **Northwestern Prison Education Program,**
Cook County Department of Corrections,
Co-Instructor & Course Designer
Introduction to Social Statistics and Data Literacy (*Summer 2019*)
- 2018 – 2019 **IES Summer Training Institute: Cluster Randomized Trials,**
Northwestern University, Consultant / Facilitator
- 2019 **Meta-Analysis Training Institute,** Loyola University
Graduate Assistant (*Summer 2019*)
- 2012 – 2015 **Department of Mathematics,** Olivet Nazarene University
Teaching Assistant
MATH 103: Mathematics for the Liberal Arts
MATH 147: Calculus I
MATH 148: Calculus II
MATH 241: Statistics
Supplemental Course Instructor
Taught open tutoring sessions in the Math Lab

PUBLICATIONS

- 2019 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.

CONFERENCE PRESENTATIONS & INVITED TALKS

- 2019 **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.

- 2018 **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? An analysis of referrals, attendance, and grades. Presented to stakeholders at Evanston Township High School, May 2018.

RESEARCH & PROFESSIONAL EXPERIENCE

- 2018 – present **Statistical Consultant**, Young Research Group, Northwestern University
Provide statistical consulting for interdisciplinary research projects in anthropology and global health
- 2015 – 2016 **Research Analyst**, Barna Group, Ventura, CA
Programmed and published customized surveys, analyzed survey data, wrote and edited customized client reports, and conducted database management
- 2015 **Learning & Analysis Intern**, World Vision International, Washington, DC
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
- 2013 – 2015 **Undergraduate Honors Capstone Thesis**, Olivet Nazarene University
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
- 2014 **Research Assistant Intern**, Barna Group, Ventura, CA
Compiled data reports, analyzed survey data, and assisted research team in creating surveys and customized client reports

PROFESSIONAL AFFILIATIONS

- 2017 – present American Statistical Association, member
- 2018 – present Association of Christians in the Mathematical Sciences, member
- 2017 – present Institute for Policy Research, Northwestern University, graduate affiliate
- 2019 – 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
- 2018 – present Women in Statistics, Northwestern University, founding member

RECENT LEADERSHIP & SERVICE

- 2017 – present **Small Group Coordinator**, Graduate Christian Fellowship,
Northwestern University
- 2018 – present **Small Group Leader**, Graduate Christian Fellowship,
Northwestern University
- 2019 **Stewardship Task Force**, First Presbyterian Church of Evanston
- 2018 **Volunteer Statistical Consultant**, First Presbyterian Church of Evanston
Analyzed data and presented insights from congregational survey
- 2018 **Panelist**, InterVarsity Ethnic Reconciliation and Justice National
Consultation, University of Chicago, May 2018
- 2017 **World Relief Volunteer**, First Presbyterian Church of Evanston
Member of a World Relief Good Neighbor Team that serves newly
arriving refugees