

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
Summa cum laude, University Honors Program Graduate

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 Award for Excellence and Meritorious Work in Mathematics,
Olivet Nazarene University (*top departmental award*)

TEACHING EXPERIENCE

- 2019 – 2020 **Teaching Certificate Program Participant**, Northwestern University, Searle
Center for Advancing Learning and Teaching
- 2019 – 2020 **AP Research Expert Advisor**, James B. Conant High School
- 2019 **Curriculum Development Graduate Assistant**, Northwestern University,
Department of Statistics
STAT 202: Introduction to Statistics (*Summer, Fall 2019*)
- 2018 – 2019 **Teaching Assistant**, Northwestern University, Department of Statistics
STAT 202: Introduction to Statistics (*Fall 2019*)
STAT 330: Applied Statistics for Research (*Fall 2018*)
- 2019 **Co-Instructor & Course Designer**, Northwestern Prison Education Program,
Cook County Department of Corrections
Introduction to Social Statistics and Data Literacy (*Summer 2019*)

- 2018 – 2019 **Coordinated Learning Team Instructor & Individual Tutor,**
Northwestern University, Department of Athletics
STAT 202: Introduction to Statistics (*Winter, Spring, Summer 2019*)
STAT 210: Introductory Statistics for the Social Sciences (*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*)
- 2018 – 2019 **Consultant / Facilitator,** IES Summer Training Institute: Cluster
Randomized Trials, Northwestern University
- 2019 **Graduate Assistant,** Meta-Analysis Training Institute, Loyola University
(*Summer 2019*)
- 2012 – 2015 **Teaching Assistant,** Olivet Nazarene University, Department of Mathematics
MATH 103: Mathematics for the Liberal Arts
MATH 147: Calculus I
MATH 148: Calculus II
MATH 241: Statistics
Supplemental Course Instructor, Olivet Nazarene University
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*, 101(3), 654 – 660.

WORKING PAPERS AND BOOKS

- 2019 Ismay, C., Kim, A., Kuyper, A., Tipton, E. & **Fitzgerald, K. G.**
Introduction to Statistics and Data Science: A modern dive into R and the tidyverse. https://nulib.github.io/moderndive_book/index.html
- 2019 Tipton, E., Spybrook, J., **Fitzgerald, K. G.**, Wang, Q., Davidson, C. The Convenience of Large Urban School Districts: A Study of Recruitment Practices in 37 Randomized Trials. Under review.
- 2019 Schauer, J. M., **Fitzgerald, K. G.**, Peko-Spicer, S., Whalen, M., Zejnullahi, R., and Hedges, L. V. The accuracy of large-scale analyses of replication. In preparation.

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.
- 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

- 2019 – present **Graduate Research Assistant**, Statistics for Evidence-Based Policy and Practice (STEPP) Center, Northwestern University
- 2017 – present **Graduate Research Assistant**, Institute for Policy Research, Northwestern University
- 2018 – 2019 **Statistical Consultant**, Young Research Group, Northwestern University
Consulted on research projects in anthropology and global health
- 2015 – 2016 **Research Analyst**, Barna Group, Ventura, CA
Programmed 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 a data architecture project, Horizon, designed to improve the efficiency and effectiveness of monitoring and evaluation of 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 SERVICE

Professional Society Membership

American Statistical Association
Association of Christians in the Mathematical Sciences
Mathematical Association of America
Society for Research on Educational Effectiveness
Women in Statistics, Northwestern University

Referee service

Journal of the Association of Christians in the Mathematical Sciences

RECENT LEADERSHIP & SERVICE

2018 – present	Small Group Leader , Graduate Christian Fellowship, Northwestern University
2017 – 2019	Small Group Coordinator , 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