

KAITLYN G. FITZGERALD

May 2020

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
- 2018 – 2020 **Teaching Assistant**, Northwestern University, Department of Statistics
STAT 202: Introduction to Statistics (*Fall 2019*)
STAT 302: Data Visualization (*Spring 2020*)
STAT 330: Applied Statistics for Research (*Fall 2018*)
- 2019 **Curriculum Development Graduate Assistant**, Northwestern University,
Department of Statistics
STAT 202: Introduction to Statistics (*Summer, Fall 2019*)
- 2019 **Co-Instructor & Course Designer**, Northwestern Prison Education Program,
Cook County Department of Corrections
Introduction to Social Statistics and Data Literacy (*Summer 2019*)

- 2019 **Graduate Assistant**, Meta-Analysis Training Institute, Loyola University
- 2018 – 2019 **Coordinated Learning Team Instructor & Individual Tutor**,
Northwestern University, Department of Athletics
 MATH 220: Differential Calculus of One Variable Functions (*Winter 2019*)
 PSYCH 201: Statistical Methods in Psychology (*Summer 2019*)
 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*)
- 2018 – 2019 **Consultant / Facilitator**, IES Summer Training Institute: Cluster
Randomized Trials, Northwestern University
- 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
- 2012 – 2015 **Supplemental Course Instructor**, Olivet Nazarene University, Math Lab

PUBLICATIONS

- 2019 Miller, J.D., **Fitzgerald, K.G.**, Smith, A.L., & Young, S.L. 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

- 2020 Tipton, E., Spybrook, J., **Fitzgerald, K.**, Wang, Q., Davidson, C. Towards a System of Evidence for All: Current Practices and Future Opportunities in 37 Randomized Trials. Revise and Resubmit.
- 2020 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. Revise and Resubmit.
- 2019 Ismay, C., Kim, A.Y., Kuyper, A.M., 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

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
- 2015 – 2016 **Research Analyst**, Barna Group, Ventura, CA
- 2015 **Learning & Analysis Intern**, World Vision International, Washington, DC
- 2013 – 2015 **Undergraduate Honors Capstone Thesis**, Olivet Nazarene University
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

PROFESSIONAL SERVICE

Referee service

Journal of the Association of Christians in the Mathematical Sciences
Journal of Research on Educational Effectiveness

Professional Society Membership

American Statistical Association
 Association of Christians in the Mathematical Sciences

Mathematical Association of America
Society for Research on Educational Effectiveness

RECENT LEADERSHIP & SERVICE

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| 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 |
| 2018 | Panelist , InterVarsity Ethnic Reconciliation and Justice National Consultation, University of Chicago, May 2018 |
| 2017 | World Relief Volunteer , First Presbyterian Church of Evanston |