

# KAITLYN G. FITZGERALD

April 2020

Department of Statistics  
Northwestern University  
2006 Sheridan Road  
Evanston, IL 60208

kgfitzgerald@u.northwestern.edu  
469-644-6449  
katie-fitzgerald.netlify.app

## EDUCATION

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- 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

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- 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

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- 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

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- 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

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- 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. Under review.
- 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](https://nulib.github.io/moderndive_book/index.html)

## CONFERENCE PRESENTATIONS & INVITED TALKS

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- 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

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- 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

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### 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 | <b>Small Group Leader</b> , Graduate Christian Fellowship, Northwestern University                                      |
| 2017 – 2019    | <b>Small Group Coordinator</b> , Graduate Christian Fellowship, Northwestern University                                 |
| 2019           | <b>Stewardship Task Force</b> , First Presbyterian Church of Evanston   |
| 2018           | <b>Volunteer Statistical Consultant</b> , First Presbyterian Church of Evanston   |
| 2018           | <b>Panelist</b> , InterVarsity Ethnic Reconciliation and Justice National Consultation, University of Chicago, May 2018 |
| 2017           | <b>World Relief Volunteer</b> , First Presbyterian Church of Evanston   |