KAITLYN G. FITZGERALD
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Department of Statistics
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EDUCATION

Ph.D. Statistics, Northwestern University, Evanston, IL   (expected) 2021
        Advisor: Larry V. Hedges, Ph.D.

M.S. Statistics, Northwestern University, Evanston, IL   2018

B.S. Mathematics, Olivet Nazarene University, Bourbonnais, IL   2015

FELLOWSHIPS, HONORS & AWARDS

Pre-doctoral Fellowship, Institute of Education Sciences, U.S. Department   2017 – 2020
        of Education; Interdisciplinary Research Training Program

University Fellowship, Northwestern University   2016 - 2017

Summa Cum Laude, Olivet Nazarene University   2015

Award for Excellence and Meritorious Work in Mathematics,   2015
        Olivet Nazarene University; Top departmental award

University Honors Program Graduate, Olivet Nazarene University   2015

Phi Delta Lambda, Olivet Nazarene University; Nazarene Honors Society   2015

Pi Mu Epsilon, Olivet Nazarene University; National Mathematics Honors   2014
        Society

TEACHING EXPERIENCE

Coordinated Learning Team Instructor & Individual Tutor,   2018 - present
Northwestern University, Department of Athletics
        STAT 202: Introduction to Statistics
        STAT 210: Introductory Statistics for the Social Sciences
        STAT 325: Survey Sampling
        STAT 350: Regression Analysis
        MATH 220: Differential Calculus of One Variable Functions
        PSYCH 201: Statistical Methods in Psychology

Teaching Assistant, Northwestern University, Department of Statistics   2018
     STAT 330: Applied Statistics for Research (Graduate course)

Teaching Assistant, Olivet Nazarene University, Department of Mathematics   2012 - 2015
     MATH 103: Mathematics for the Liberal Arts
     MATH 147: Calculus I
     MATH 148: Calculus II
     MATH 241: Statistics

Supplemental Course Instructor, Olivet Nazarene University   2012 - 2015
     Taught open tutoring sessions in the Math Lab for students seeking help
     on homework or test preparation for any mathematics courses up to
     Calculus II

Private Tutor, Self-employed   2007 - 2016
     Tutored students one-on-one in any level of mathematics ranging from
     3rd grade to Calculus and Statistics

PUBLICATIONS

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

CONFERENCE PRESENTATIONS & INVITED TALKS

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

Tipton**,** E., Spybrook, J., Wang, Q., & **Fitzgerald, K**. Assessing the Relevance   2019
     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.

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

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

Statistical Consultant, IES Summer Training Institute: Cluster Randomized 2018 - 2019
Trials, Northwestern University Institute for Policy Research;
Served as group facilitator and consultant to professional education
researchers designing a CRT

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 analyzing survey data capturing trends in religious
views, attitudes, and lifestyles of Chicago and Dallas-Ft. Worth residents
over a 15-year period. Presented at the Honors Council of the
Illinois Region Spring Student Symposium and ONU 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, 2019 – present
Northwestern University, graduate affiliate

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

RECENT LEADERSHIP & SERVICE

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

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,   2018
　　University of Chicago, May 2018

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