

# KAITLYN G. FITZGERALD

June 2019

Department of Statistics  
Northwestern University  
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## EDUCATION

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**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

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

**University Fellowship**, Northwestern University 2016 - 2017

**Summa Cum Laude**, 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 2015

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

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

## CONFERENCE PRESENTATIONS & INVITED TALKS

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**Fitzgerald, K.** *What are we 95% confident about anyway? A software-embedded curriculum for learning statistical inference.* Association of Christians in the Mathematical Sciences 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. 2019

**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.

## **TEACHING EXPERIENCE**

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**Coordinated Learning Team Instructor & Individual Tutor,** 2018 - present  
 Northwestern University Department of Athletics  
 Office of Academic Services & Student Development  
 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

**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 3<sup>rd</sup> grade to Calculus and Statistics

## **RESEARCH & CONSULTING EXPERIENCE**

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

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

<b>Research Analyst</b> , Barna Group, Ventura, CA; Programmed and published customized surveys, analyzed survey data, wrote and edited customized client reports, and conducted database management	2015 - 2016
<b>Learning &amp; Analysis Intern</b> , 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	2015
<b>Undergraduate Honors Capstone Thesis</b> , Olivet Nazarene University, 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	2013 - 2015
<b>Research Assistant Intern</b> , Barna Group, Ventura, CA, Compiled data reports, analyzed survey data, and assisted research team in creating surveys and customized client reports	Summer 2014

## **PROFESSIONAL AFFILIATIONS**

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<b>American Statistical Association</b> , member	2017 – present
<b>Association of Christians in the Mathematical Sciences</b> , member	2018 – present
<b>Institute for Policy Research</b> , Northwestern University, graduate affiliate	2017 – present
<b>Society for Research on Educational Effectiveness (SREE)</b> , member	2019 – present
<b>Women in Statistics</b> , Northwestern University, founding member	2018 – present

## **RECENT LEADERSHIP & SERVICE**

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<b>Small Group Coordinator</b> , Graduate Christian Fellowship, Northwestern University	2017 – present
<b>Small Group Leader</b> , Graduate Christian Fellowship, Northwestern University	2018 – present
<b>Stewardship Task Force</b> , First Presbyterian Church of Evanston	2019
<b>Volunteer Statistical Consultant</b> , First Presbyterian Church of Evanston Analyzed data and presented insights from congregational survey	2018

*Kaitlyn G. Fitzgerald (May 2019)*

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

2017