

# Kevin O'Connor

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|--------------------------------------|---|---|
| <b>EDUCATION</b>                     | <b><i>Ph.D. Statistics</i></b><br>University of North Carolina - Chapel Hill <ul style="list-style-type: none"><li>Funded BD2K Fellow (2018-2019)</li></ul>   | 2017 - Present  |
|                                      | <b><i>B.A. Statistics and Physics</i></b><br>University of Chicago <ul style="list-style-type: none"><li>Odyssey Scholar (2012-2016), Dean's List (2012-2016), James Franck Summer Fellowship (2014)</li></ul>  | 2012 - 2016   |
| <b>EXPERIENCE<br/>&amp; PROJECTS</b> | <b><i>Research Assistant</i></b><br>Prof. Andrew Nobel, UNC Department of Statistics and Operations Research <ul style="list-style-type: none"><li>Studying the behavior of differential correlation mining as applied to breast cancer gene expression data.</li></ul>   | May 2018 - Present  |
|                                      | <b><i>Instructor's Assistant</i></b><br>UNC Department of Statistics and Operations Research <ul style="list-style-type: none"><li>STOR 155: Introduction to Data Models and Inference (3 sections in Fall 2017, 4 sections in Spring 2018)</li><li>STOR 664: Applied Statistics I (Fall 2018)</li><li>Duties include answering questions from students, holding office hours, leading weekly tutorials, and grading</li></ul>  | August 2017 - Present                                       |
|                                      | <b><i>Data and Policy Analyst</i></b><br>Acumen, LLC <ul style="list-style-type: none"><li>Developed and improved statistical methods for evaluating drug safety</li><li>Applied a seasonality adjustment to a self-controlled risk interval study design</li><li>Designed and implemented a weekly power analysis for self-controlled risk interval study in R</li><li>Computed summary statistics and modified datasets with over 13 million rows in SAS and PROC SQL</li></ul> | July 2016 - April 2017                                      |
|                                      | <b><i>Undergraduate Research Project</i></b><br>Prof. Michael Stein, University of Chicago Statistics Department <ul style="list-style-type: none"><li>Developed an alternative model for daily maximum temperature</li><li>Performed simulation study in R based on this model to examine the limiting distribution of the annual maximum temperature</li></ul>  | March - June 2016   |
| <b>COMPUTER<br/>LANGUAGES</b>        | <b>Proficient:</b> L <sup>A</sup> T <sub>E</sub> X, Python, R<br><b>Competent:</b> Java, SAS<br><b>Familiar:</b> Mathematica  |   |
| <b>EXTRA-<br/>CURRICULARS</b>        | Varsity Cross Country and Track and Field<br>University of Chicago Triathlon Club   | September 2014 - June 2016<br>September 2012 - January 2015 |