

LAUREN CAPPIELLO

California State University, Sacramento
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EDUCATION

Ph.D., Applied Statistics

University of California, Riverside

Dissertation advisors: Zhiwei Zhang and Xinping Cui

B.S., Statistics, summa cum laude

University of California, Riverside

Thesis advisor: James Flegal

TEACHING

California State University, Sacramento

Assistant Professor

August 2020 – ongoing

- Stat 1 Introduction to Statistics
- Math 26A Calculus I for the Social and Life Sciences

University of California, Riverside

Instructor on Record

September 2017 – December 2019

- Stat 100A Introduction to Statistics I
- Stat 100B Introduction to Statistics II

FELLOWSHIPS AND GRANTS

Summer 2021 Online Course Design Grant

California State University, Sacramento

January 2021

Chancellor's Distinguished Fellowship

University of California, Riverside

September 2016

HONORS AND AWARDS

Outstanding Statistical Consultation Award and Recognition

University of California, Riverside Statistics Department

June 2018

PUBLICATIONS

Cappiello L, Zhang Z, Shen C, Butala N, Cui X, & Yeh R. *Adjusting for Population Differences Using Machine Learning Methods*. In review.

Cappiello L. (2020). *Adjusting for Population Differences Using Applied Machine Learning Methods*. Doctoral dissertation, UC Riverside.

Cappiello L. (2016) *A Novel Estimation Technique for a Five-Parameter Bivariate Beta Distribution*. Honors capstone project, UC Riverside

PRESENTATIONS

- | | |
|--|-------------------------------|
| <i>Applied Machine Learning Methods in Adjusting for Population Differences.</i> | Nov 06, 2020 |
| Orange County Biostatistics Symposium | Moved online due to COVID-19. |
| <i>A Novel Estimation Technique for a Five-Parameter Bivariate Beta Distribution</i> | March 2016 |
| International Biometric Society Eastern North American Region Meeting | Austin, Texas |
| <i>Alumni Event Panelist</i> | Jan 15 2021 |
| National Institute of Statistical Sciences Graduate Student Network | Remote |

PROFESSIONAL DEVELOPMENT

California State University, Sacramento

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| <i>Designing for Student Success: Building Inclusive Practices by Interrogating Power and Privilege.</i> | |
| Professional Learning Community | August 2020 - May 2021 |
| <i>Teach ON!-Line Summer Camp</i> | August 2020 |

ACADEMIC CONSULTING

University of California, Riverside

Lead Consultant, Graduate Quantitative Methods Center

July 2018 – June 2019

- Provided statistical and computational consultations to graduate students and postdoctoral researchers from across campus.
- Supervised and managed a team of part time consultants.
- Workshops, seminars, and instructional labs given:
 - *Introduction to Statistical Inference*
 - *Introduction to ANOVA*
 - *Introduction to Programming*
 - *Introduction to Multilevel Modeling*
 - *Introduction to SAS*
 - *Introduction to R*
 - *Intermediate Topics in R*
 - *Overview of Causal Inference*
 - *Improving Research Credibility*
 - *Writing Articles in LaTeX*
 - *The UCR LaTeX Dissertation Template*
 - *Experimental Design*

SERVICE

California State University, Sacramento

- Curriculum Committee
- Lower division computing course working group
- Calculus Committee
- Professional Science Masters Development Group

University of California, Riverside

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| · President, Statistics Graduate Student Association | 2019 – 2020 |
| · Graduate Student Ambassador, Statistics Department | 2019 – 2020 |
| · President, Mu Sigma Rho | 2018 – 2020 |
| · Secretary, Mu Sigma Rho | 2017 – 2018 |

COMMUNITY OUTREACH

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|---|----------------|
| Resource - Request a Woman Scientist
500 Women Scientists | 2018 – ongoing |
| Science Network Program Mentee
Union of Concerned Scientists | 2019 |

ONLINE PUBLICATIONS

Untitled. (Accepted September 2019) Union of Concerned Scientists blog.

Learning to Love Statistics (2018) University of California, Riverside Graduate Student Resource Center blog. Republished on my website lgpcappiello.github.io/lovestatistics/.