Andrew T. Ackerman
Department of Statistics & Operations Research
University of North Carolina
Chapel Hill, NC 27599
Phone: (864)-986-2321
Email: atacker@email.unc.edu
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Education

- **University of North Carolina at Chapel Hill**   Spring 2025
  - Ph.D. Statistics   Chapel Hill, NC
  - Advisors: J.S. (Steve) Marron, Jan Hannig, Zhengwu Zhang
- **Clemson University**   Spring 2020
  - B.S. Mathematics   Clemson, SC
  - Statistics Emphasis
  - Minor in Philosophy

Professional Experience

- **Graduate Teaching Fellow**   Spring 2022-Present
  - *University of North Carolina*   Chapel Hill, NC
- **Graduate Teaching Assistant**   Fall 2020-Fall 2021
  - *University of North Carolina*   Chapel Hill, NC
- **Summer Research Experience for Undergraduates in Data Analytics and Statistics**   Summer 2019
  - *Harvey Mudd University*   Claremont, CA
- **Clemson University Undergraduate Researcher in Applied Computational Mathematics**   Winter 2019-Fall 2019
  - *Clemson University Mathematics Department*   Clemson, SC
- **Summer Research Experience for Undergraduates in Data Analytics and Biology**   Summer 2018
  - *University of North Carolina A&T*   Greensboro, NC
- **Clemson University Supplemental Instruction Tutor**   Summer 2017-Fall 2020
  - *Clemson University Bridge Program*   Clemson, SC

Research

Refereed Articles

1) Ackerman, A.; Martin, B.; Tanisha, M.; Edoh, K.; Ward, J.P. High-Dimensional Contact Network Epidemiology. *Epidemiologia* **2023**, *4*, 286-297. https://doi.org/10.3390/epidemiologia4030029
2) Data Integration via Analysis of Subspace (*under revision at TEST)* **https://arxiv.org/abs/2212.**00703

Teaching

Courses Taught

1) Fall 2023
   a. STOR 155 (Introduction to Data Models and Inference) – 102 students
2) Summer 2023
   b. STOR 113 (Business Calculus and Decision Models) – 16 students
   c. STOR 455 (Methods of Data Analysis) – 22 students
3) Spring 2023
   a. STOR 155 (Introduction to Data Models and Inference) – 108 students
4) Fall 2022
   a. STOR 320 (Introduction to Data Science in R) – 107 students

5) Summer 2022
   a. STOR 155 (Introduction to Data Models and Inference) – 13 students
   b. STOR 155 (Introduction to Data Models and Inference) – 15 students
   c. STOR 113 (Business Calculus and Decision Models) – 13 students
6) Spring 2022
   a. STOR 155 (Introduction to Data Models and Inference) – 47 students

Curriculum Developed

1) "Moral Machine Learning"
   a. To appear as STOR 390 in Spring of 2024

Awards

- **Walter Deemer Excellence in Teaching Award** — Fall 2022
  - *University of North Carolina Department of Statistics and Operations Research* — Chapel Hill, NC
- **Palmetto Fellow** — Spring 2016-Fall 2020
  - *South Carolina Commission for Higher Education* — Clemson, SC
- **Regional and State Elks Club Scholarship Recipient** — Spring 2016
  - *National Elks Club* — Clemson, SC
- **Clemson University Staff Endowed Scholarship Award** — Spring 2018, 2019, 2020
  - *Clemson University* — Clemson, SC
- **Intercollegiate Ethics Bowl National Championship Semifinalist** — Spring 2019
  - *Association for Practical and Professional Ethics* — Baltimore, MD

Professional Service

- **STOR Data Outreach Program for Students** — Spring 2021-Present
  - *University of North Carolina Department of Statistics and Operations Research* — Chapel Hill, NC
- **University of North Carolina Intercollegiate Ethics Bowl Head Coach** — Fall 2023-Present
  - *University of North Carolina Parr Center for Ethics* — Chapel Hill, NC
- **Sports Analysis and Intelligence Laboratory (SAIL) Graduate Advisor** — Fall 2023-Present
  - *University of North Carolina Department of Statistics and Operations Research* — Chapel Hill, NC
- **Guest Judge National High School Ethics Bowl** — Spring 2022
  - *University of North Carolina NHSEBAcademy* — Virtual
- **Graduate Student Mentor** — 2023, 2021
  - *University of North Carolina Department of Statistics and Operations Research* — Chapel Hill, NC

Presentations

Invited Talks
- **"Contact Network Epidemiology" - Clemson University Math 2500** — Fall 2018
  - *Clemson University* — Clemson, SC

Conference Presentations
- **"Mulitfaceted Brain Imaging Data Integration via Analysis of Subspace"** — Summer 2023
  - *International Conference on Brain Informatics (Stevens Institute of Technology)* — Hoboken, NJ
- **"Mulitfaceted Brain Imaging Data Integration via Analysis of Subspace"** — Fall 2023
  - *STORfest Conference* — Chapel Hill, NC

Professional Membership

- **Parr Center for Ethics Graduate Fellow** — Fall 2020-Present
  - *University of North Carolina Parr Center for Ethics* — Chapel Hill, NC
- **Alpha Lambda Delta National Honors Society** — Spring 2017-Fall 2020
  - *Clemson University* — Clemson, SC

Skills

- Formal debate and argumentation
- Software
    - Advanced: Matlab, R, LaTex
    - Intermediate: Python, Stata, Minitab
    - Basic: C, ZeroMQ