Qianyu Dong

336-926-9330
qdong14@ucsc.edu

EDUCATION

University of California, Santa Cruz   **September 2022–Current**
PhD student in Statistical Science   Santa Cruz, CA

Wake Forest University   **August 2020–May 2022**
M.S. in Mathematical Statistics   Winston-Salem, NC

University of Nebraska-Lincoln   **August 2016–August 2019**
B.S. in Mathematics   Lincoln, NE
B.S. in Business Administration, Supply Chain Management, High Distinction

PAPERS

1. **Dong, Q.**, Kline, D., Hepler, S.A., (2023) A Bayesian Spatio-temporal Model to Optimize Allocation of Buprenorphine in North Carolina. *Statistics and Public Policy*, 1-17 DOI: 10.1080/2330443X.2023.2218448

2. McKnight, E., **Dong, Q.**, Brook, D.L., Kline, D., Hepler, S.A., Bonny, A.(2023) A descriptive study of opioid misuse prevalence and office-based buprenorphine access in Ohio: a call for a targeted and flexible approach.*Cureus.* DOI: 10.7759/cureus.36903.

POSTER

- A Bayesian Spatio-temporal Model to Optimize Allocation of Buprenorphine in North Carolina. Poster presented at GEOMED, Irvine, CA, 10/22

- A Bayesian Spatio-temporal Model to Optimize Allocation of Buprenorphine in North Carolina. Poster presented at OBAYES, Santa Cruz, CA, 09/22

SCHOLARSHIPS AND AWARDS

ICHPS 2023 Student Paper Travel Award   **December 2022**
Health Policy Statistics Section of the American Statistical Association

Regent Fellowship and Dean's Fellowship   **August 2022–June 2023**
University of California, Santa Cruz

Full Tuition Scholarship   **August 2020–May 2022**
Wake Forest University

Benjamin F. Marshall Memorial Scholarship   **August 2018–May 2019**
University of Nebraska - Lincoln

R.Parker & M.S Eastwood Scholarship   **August 2017–May 2018**
University of Nebraska - Lincoln

Undergraduate Dean's List   **January 2017–May 2019**
University of Nebraska - Lincoln

Global Delegate Scholarship Tuition Scholarship   **August 2016–May 2019**
University of Nebraska - Lincoln

Teaching Experience

University of California, Santa Cruz   **September 2022–Current**

Teaching Assistant:

- Courses: STAT 5: Statistics, STAT 17: Statistical Methods for Business and Economics

Wake Forest University   **August 2020–May 2022**

Mathematics and Statistics Center Tutor:

- Courses: STA 111: Elementary Probability and Statistics, STA 368/668: Time Series and Forecasting.

Teaching Assistant:

- Courses: STA 111: Elementary Probability and Statistics, STA 212: Statistical Models,
  STA 362/662: Multivariate Statistics, STA 310: Probability.

Skills

- **Software:** R(advanced), Matlab, Stata, Python, JMP, Tableau

- **Language:** English (proficient), Chinese (native language)