Seongwon Im

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Department of Statistics
Colorado State University
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EDUCATION

Colorado State University, Fort Collins, CO   2019 – Present
  Ph.D., Statistics, in progress

Colorado State University, Fort Collins, CO   2019 – 2023
  Master of Science, Statistics

St. Lawrence University, Canton, NY   2015 – 2019
  Bachelor of Science, Mathematics & Statistics, *Magna Cum Laude*

EXPERIENCE

Graduate Research Assistant   Spring 2021 – Current
Department of Statistics, Colorado State University

Lead Teaching Assistant   Fall 2022 – Current
Department of Statistics, Colorado State University

Coding & Cookies R Workshop Instructor   Fall 2019 – Current
Department of Statistics, Colorado State University
  Python: Working with data   Fall 2023
  Tidy Data in R: Tidyverse   Fall 2021, Fall 2022, Spring 2023
  R Basics   Spring 2022

Student Organized Activities and Research Seminars (SOARS) Coordinator   Spring 2023
Department of Statistics, Colorado State University

Graduate Teaching Assistant   Fall 2019 – Spring 2021
Department of Statistics, Colorado State University
  STAT 301: Introduction to Statistical Methods   Spring 2020 – Spring 2021
  STAT 201: General Statistics   Fall 2019

IT Department Student Employee   Fall 2016 – Spring 2019
Information Technology, St. Lawrence University

Student Mentor   Fall 2017 – Spring 2019
Peterson Quantitative Reasoning Center, St. Lawrence University

PUBLICATIONS

Weller, Z. D., **Im, S.**, Palacios, V., Stuchiner, E., & von Fischer, J. C. (2022). Environmental Injustices of Leaks from Urban Natural Gas Distribution Systems: Patterns among and within 13 US Metro Areas. *Environmental Science & Technology*.

HONORS & AWARDS

American Chemical Society (ACS) Editors' Choice: Environmental Injustices of Leaks from Urban Natural Gas   2022
  Distribution Systems: Patterns among and within 13 US Metro Areas. *Environmental Science & Technology*.
Pi Mu Epsilon (Mathematics Honor Society) President, St. Lawrence University   2019
Statistics Dr. O. Kenneth Bates Award, St. Lawrence University   2019
Dean's list, St. Lawrence University   Fall 2016 – Spring 2019

CONFERENCE & PRESENTATION

Poster presentation, *"Treed distributed lag mixture model with zero-inflated count data to investigate the association between air pollution and pregnancy loss"*, The Graduate Student Showcase, Colorado State University, Fort Collins, CO	November 2023
Poster presentation, *"Treed distributed lag mixture model with zero-inflated count data to investigate the association between air pollution and pregnancy loss"*, The EnviBayes Workshop, International Society for Bayesian Analysis (ISBA), Colorado State University, Fort Collins, CO	September 2023
Oral presentation, *"Treed distributed lag mixture model with zero-inflated count data to investigate the association between air pollution and pregnancy loss"*, Joint Statistical Meetings (JSM), American Statistical Association (ASA), Toronto, ON, Canada	August 2023
Poster presentation, *"Treed distributed lag mixture model with zero-inflated count data to investigate the association between air pollution and pregnancy loss"*, The Graduate Student Showcase, Colorado State University, Fort Collins, CO	November 2022
Oral presentation (virtual), *"Environmental justice of natural gas leaks"*, Colorado / Wyoming Chapter, American Statistical Association (ASA)	October 2021
Oral presentation (virtual), *"Environmental justice of natural gas leaks"*, Joint Statistical Meetings (JSM). American Statistical Association (ASA)	August 2021
Oral presentation (virtual), *"Environmental justice of natural gas leaks"*, Front Range Student Ecology Symposium (FRSES), Colorado State University, Fort Collins, CO.	March 2021
Oral presentation and poster, *"Are there racist soccer referees?",* Festival of Science, St. Lawrence University, Canton, NY.	April 2019
Oral presentation, *"Are there racist soccer referees?"*, Mathematical Association of America (MAA) Seaway conference, St. John Fisher College, Rochester, NY.	April 2019

SKILLS

R: Basic R, Tidyverse, Rcpp, R package development, RStan

Python: NumPy, Pandas, Matplotlib, High performance computing