# Seongwon Im

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Department of Statistics
Colorado State University
Fort Collins, CO 80523 – 1877

## 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 Workshop Instructor**                                                     Fall 2019 – Current
*Department of Statistics*, Colorado State University
  Python: Working with data                                                     Fall 2023, Spring 2024
  Tidy Data in R: Tidyverse                                                     Fall 2021, Fall 2022, Spring 2023
  R Basics                                                     Spring 2022

**Private Statistics Tutor**                                                     Spring 2024 – Current
*Department of Statistics*, Colorado State University
  STAR 511 - Design and Data Analysis for Researchers I: R Software                                                     Spring 2024

**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*.
  ✪ Selected for American Chemical Society (ACS) Editors' Choice

## HONORS & AWARDS

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|---|---|
| Pi Mu Epsilon (Mathematics Honor Society) President, St. Lawrence University | 2019 |
| Statistics Dr. O. Kenneth Bates Award, St. Lawrence University | Spring 2019 |
| Dean's list, St. Lawrence University | Fall 2016 – Spring 2019 |

## CONFERENCE & PRESENTATION

**Contributed:**

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| 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** (HPC): Proficient
**Language:** English – Bilingual Proficiency, Korean – Native