KAYLA LUNDE

khlunde@ucdavis.edu | kayla.lunde@gmail.com | (650) 787-1509

EDUCATION

B.S. University of California, Davis (GPA: 3.85)**,** Environmental Policy, Analysis, and Planning, *2025*

Carlmont High School, Belmont, CA (GPA: 4.3), *2021*

PUBLICATIONS AND PROJECTS

Working Paper Frances Moore & Kayla Lunde. "Revisiting Public Opinion in the Coupled Climate-Social System: Climate Opinion with the Receive-Accept-Sample Model"

Working Paper Spencer Kiesel & Kayla Lunde. "The Party of a Future Nonreligious Majority: The Secular Religious Cleavages in the Democratic Party."

Working Paper Kayla Lunde. "Predicting Climate Attitudes One Branch at a Time: A Machine Learning Derived Composite Measure."

Lunde, Kayla. 2022. Determinants of Turnout in UC Davis Student Government Elections. FYC Journal: Readings About Writing. http://fycjournal.ucdavis.edu/wp-content/uploads/2022/07/Determinants-of-Turnout-in-UC-Davis-Student-Goverment-Elections.pdf

PRESENTATIONS

Lunde, Kayla, 2025. Building a New Composite Variable for Climate Attitudes. UC Davis 36th Annual Undergraduate Research, Scholarship, and Creative Activities Conference. Davis, California. (Talk, April 2025)

Lunde, Kayla. 2024. Fee Driven Turnout: Analysis of Original Data on University Elections. 81st Annual Midwest Political Science Association Conference. Chicago, Illinois. (Poster, April 2024)

Kiesel, Spencer & Lunde, Kayla. 2024. The Party of a Future Nonreligious Majority: The Secular Religious Cleavages in the Democratic Party. 81st Annual Midwest Political Science Association Conference. Chicago, Illinois. (Talk, April 2024)

GRANTS

UC Davis Provost's Undergraduate Fellowship, "Building a New Composite Variable for Climate Attitudes" (2024-2025), $1,100

UC Davis Undergraduate Research Center Travel Award (2024), $500

ORIGINAL SURVEYS AND DATASETS

UC Davis Climate Attitudes Survey Project – Nationally Representative Sample
UC Student Government Elections Dataset

AWARDS
Outstanding Senior in Environmental Science & Policy, University of California, Davis (2025)
ASUCD Exceptional Employee Award, University of California, Davis (2023)
University of California, Davis Dean's List: Winter 2024, Spring 2024, Fall 2024

WORK EXPERIENCE
Research Assistant, Professor Fran Moore at UC Davis (June 2025 – present)
- Model development exploring the temporal dynamics of climate change on public opinion, focused on feedback loops from weather, the economy, and social groups.

Data Specialist, UC Davis Global Affairs (March 2024 – July 2025)
- Organized administrative data into a database, and created a public facing ArcGIS dashboard to visualize and filter data that became regularly used by UC Davis deans.
- Automated data collection, dashboard updates, and email notifications that improved efficiency for contracting function of the department.

Historian, Associated Students of UC Davis (January 2023 – January 2025)
- Documented the history of ASUCD through archival review and alumni communications to enable retrospective understanding of the organization.
- Organized yearbook production by interfacing with 40 student groups to deliver the first book since 2006.
- Championed new role, ASUCD Yearbook Editor, and obtained funding for the position.
- Hired, onboarded, and supervised two ASUCD undergraduate staff positions.

Data Entry Specialist, Strategy Workplace Communications (June 2022 – September 2022)
- Processed 1000s of records and converted them to a standardized database format.
- Handled sensitive personnel data and developed strong data security practices.

Intern, UC Davis PLS 21 Course: Computers in Technology (April 2022 – June 2022)
- Responsible for grading lab quizzes and homework.
- Improved lab course materials that solved issues raised through student and TA input.

SKILLS
- R programming language, including data cleaning, data visualization, frequentist & Bayesian modeling, supervised and unsupervised machine learning, optimization algorithms, causal inference methods, and text-as-data methods.
- Python, SQL, LaTeX, and Git and GitHub (working knowledge).
- Survey building in Qualtrics.
- ArcGIS products, including ArcGIS Pro, Survey123, StoryMaps, and Dashboards.
- Microsoft Office Suite (including Microsoft Power Platform) and Google Suite.
- Skilled with DSLR cameras, lighting equipment, Photoshop, Lightroom, and Bridge.