

# KAYLA LUNDE

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## 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

*Accepted Talk.* Moore, Frances & Kayla Lunde. Revisiting Public Opinion in the Coupled Climate-Social System: Climate Opinion with the Receive-Accept-Sample Model. 83rd Annual Midwest Political Science Association Conference.

*Accepted Talk.* Lunde, Kayla. Predicting Climate Attitudes One Branch at a Time: A Machine Learning Derived Composite Measure. 83rd Annual Midwest Political Science Association Conference.

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 & Kayla Lunde. 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 (4 years experience), 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, HTML, CSS, 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.