

EK Green

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U.S. Government SECRET Level Security Clearance (Active 2016-2018)

Objective and Interests

To develop the economic understanding and analysis skills to do societally useful work at the intersections of science, technology, policy, and economics; particularly in these areas:

Health Economics
Economic History

Inequality & Discrimination
Energy & Environmental Economics

Education

University of Arizona, 2018-Present

M.A. in Economics; PhD Candidate in good standing

Pomona College, Claremont, CA, 2012-16

B.A. Molecular Biology

National Merit Scholarship Recipient, Pomona College Scholar

Employment and Research Experience

University of Arizona 2018 – Present

Ongoing research at the intersection of Health Economics and Economic History

- Mortality, income cycles, and racial disparities
- Modern flu mortality, hospital crowding, and racial disparities

Research Assistant

- Dr. Derek Lemoine and Dr. Ted Schuur: Updating and adapting climate model code to incorporate Arctic emissions, uncertainty, and learning

Instructor: Econ 373 Environmental Economics

- Online (Summer 2021) In Person (Fall 2021)

Additional Instruction Work

Econ 150 Energy and Environmental Challenges, Professor Lemoine, Fall 2020

- Took over latter half of course and class recitations while Professor Lemoine was on parental leave

Classes as Teaching Assistant

- Econ 150 – Energy and Environmental Challenges, Professor Lemoine (Fall 2018, 2019, 2020)
- Econ 200– Principles of Economics, Professor Mateer (Fall 2018, 2019, Spring 2020), Professor Jarvis, Honors TA (Fall 2022, Spring 2023)
- BNAD 301 – Global and Financial Economics&Strategies, Professor Stegeman (Spring 2019)

- Econ 373 – Environmental Economics, Professor Langer (Spring 2020)
- Econ 361 – Intermediate Microeconomics, Professor Romero (Fall 2020, Spring 2021, Spring 2022)
- Econ 330 – Macroeconomic&Global Institutions&Policy, Professor Neumann (Spring 2021)
- Econ 422 - Health Economics, Professor Pantano (Spring 2022)

Department Reading Groups and Workshops

- Environmental Economics
- Graduate Student Coding Workshops
- Graduate Student Research Workshops
- Discrimination
- Empirical Reading Group
- Machine Learning

Programs and Seminar Series Attended & Presentations (sample)

- ASHEcon Diversity Mentorship Student (2022); ASHEcon virtual seminars
- CSQIEP Seminar on Economics of LGBTQ+ Individuals
- Economic History Association, Poster Presenter (2022)
- All UC Economic History Conference, Presenter (2022)
- ASSA, Presenter (2023)

Additional work

- Communication as a graduate representative to LGBTQ Student Advisory Board in 2019

Recent Awards

- Eller Diversity Equity and Inclusion Award - Graduate Student Winner
- Recipient of ASHEcon Diversity Scholarship

Coding languages

- R - Primary working language
- Matlab - Experience adapting and debugging code for DICE model
- Stata - Experience adapting and writing new code

Institute for Defense Analyses Science and Technology Policy Institute Science Policy Fellow, 2016-2018

Research, data analysis, protocol development, conducting and supporting interviews, coordinating and agenda setting for meetings and events, and writing reports.

Space Policy

Small Satellites
Cislunar Space
Near Earth Objects

Energy Policy

Methane

Biology Policy

Gene Drives

National Security Policy

Drones

Policy and Program Evaluation

Science Education
Prize Grants
Infrastructure
National Cancer Institute