

EDUCATION

- **Occidental College** Los Angeles, CA
Bachelor of Arts in Economics | Minors in Mathematics and Computer Science August 2012 – May 2020
 - **Relevant Coursework:** Advanced Econometrics | Calculus 1 | Equality as a Social Ideal | Statistics | Intermediate Microeconomic Theory | Behavioral Economics | Applied Econometrics | Data Structures | Machine Learning | Law and Society | Constitutional Law | Calculus 2 | Discrete Mathematics | Game Theory | Industrial Organization | Linear Algebra | Machine Learning | Multivariable Calculus | Natural Language Processing | Real Analysis I | Real Analysis II
 - **Grants and Awards:** 2017 CSU Long Beach Moot Court Spring Classic Invitational Semi-Finalist | 2018 Anderson Grant | 2019 Occidental College Undergraduate Research Center Summer Research Program Grant

EXPERIENCE

- **Occidental College** Los Angeles, CA
Research Fellow June 2019 - Present
 - **The Determinants and Outcomes of Peer Heterogeneity in Higher Education:** Under the supervision of Kevin Williams, PhD, I investigate how heterogeneity in a college student's peer group impacts their success on various measures. I performed literature review, data cleaning in R and Python, then various statistical analyses in Stata.
- **Edward Kammerer, JD, PhD** Los Angeles, CA
Research Assistant Dec 2018 - Jan 2019
 - **Argument Coding:** I read court cases, coding them as pro-assimilationist or pro-liberationist, citing relevant passages and giving justification, to help research about LGBT representation in United States Supreme Court arguments to be presented at the 2019 Annual Meeting of the Southern Political Science Association in Austin, TX.
- **Occidental College** Los Angeles, CA
Teaching Assistant September 2018 - December 2018
 - **Applied Econometrics:** Under the supervision of Mary Lopez, PhD, I taught the lab section of Applied Econometrics, which involved teaching undergraduate students econometrics concepts through lectures and relevant Stata code, preparing class material, fielding questions, and holding office hours.
- **Edward Kammerer, JD, PhD** Los Angeles, CA
Research Assistant June 2018 - August 2018
 - **Literature Review:** I assisted in conducting research for a paper to-be-published on how the public perceives the legitimacy of judicial decisions by constructing a literature review and annotated bibliography of relevant articles in the political science, behavioral economics, and psychology literature.
- **Therapeutic Pathways** Modesto, CA
Business Analytics Intern June 2018 - August 2018
 - **Salesforce and Python:** I wrote code in Salesforce and Python and designed algorithms for porting data from a cloud based project management software into Salesforce, and then performing actions on that data.
- **Stanislaus County Office of the Public Defender** Modesto, CA
Law Clerk June 2017 - August 2017
 - **Legal Research and Motions:** I did legal research and wrote motions that were argued and won in court, which led to the exclusion of unconstitutionally obtained evidence by the Modesto Police Department.
 - **Investigations:** I conducted investigations that led to the discovery of exculpatory evidence for our clients.
 - **Homeless Impact Litigation:** I assisted in impact litigation for attacking unconstitutional practices of prosecuting homeless people by Modesto Police Department and the Stanislaus County District Attorneys Office.

ACTIVITIES

- **Occidental College** Los Angeles, CA
Department of Economics *January 2018, January 2019*
 - **Student Advisory Board:** I was selected by the economics department on two separate occasions to help select new tenure-track professors by listening to both teaching and research talks, and give input to the faculty hiring committee.
- **Occidental College** Los Angeles, CA
Associated Students of Occidental College *September 2017 - Present*
 - **Honor Board:** I was elected by my peers to provide a student perspective on behavioral and academic misconduct hearings involving students at Oxy.
- **Occidental College** Los Angeles, CA
Department of Politics *March 2017 - February 2019*
 - **Moot Court:** I learned about intricate constitutional issues revolving around the Fourth (search and seizure), Fifth (self-incrimination), and Fourteenth (equal protection) Amendments by arguing on behalf of both petitioner and respondent before a mock United States Supreme Court made up of real attorneys and judges.

PROJECTS

- **Snitches Get Stitches:** I use regression discontinuity to investigate the impact that an increase in crime has on crime reporting.
- **Algorithms as Mechanism Design:** Tinder and Bumble are both popular dating apps for millennials and Gen Z, but the difference is that on Bumble, the woman has to initiate the conversation. I model this and attempt to see what difference this mechanism design has out stable matching outcomes under Gale-Shapley.
- **The Determinants and Outcomes of Peer Heterogeneity in Higher Education:** Building upon the previous work of Sacerdote (2001), Carrell et al. (2008), and Lin (2010), Prof. Williams and I exploit small variations in college composition across various dimensions of race, gender, sexual orientation, student athlete status, socioeconomic class, and region of origin as a natural experiment to help identify the causal impact of peer heterogeneity effects in measures of higher education success.

SKILLS

Computer Languages: Stata | Python | Javascript | R | SQL | Java | Matlab | LaTeX | HTML | Git |
Salesforce **Computer Programs:** Microsoft Office | Adobe Acrobat Pro DC | Adobe Photoshop | Tableau
Certifications: PADI Open Water | HIPAA Compliance