Daniel Lampert

Mexico City • +1 818-825-4777 • danielclampert@berkeley.edu • linkedin.com/in/daniel-lampert

EDUCATION

University of California, Berkeley   **Berkeley, CA**
Master of Information and Data Science   *Class of 2021*
Bachelor's of Arts in Public Health   *Awarded with Distinction May 2020*
National Autonomous University of Mexico (UNAM)   **Mexico City, Mexico: Fall 2018**
National Institute of Public Health (INSP)   **Mexico City, Mexico: Summer 2019**
Technical summer program in epidemiology & biostatistics
Notable Coursework: Applied Machine Learning, Data Engineering, Statistics for Data Science, Principles and Techniques of Data Science, Linear Algebra for Data Science, Longitudinal Data Analysis, Principles of Epidemiology

EXPERIENCE

The Center for the Health Assessment of Mothers and Children of Salinas   **Berkeley, CA**

Graduate Student Researcher | Covid19 in Farmworkers   *Aug 2020- Present*

- Conduct literature review & implemented incentivized sampling strategy to enlist farmworkers in Covid testing
- Collaborate with multi-disciplinary team to write NIH funded research grant to fund Covid Study
- Execute statistical & machine learning models to analyze the effectiveness of Covid mitigation strategies

The National Institute for Public Health   **Mexico City, Mexico**

Research Analyst and Principal Author | Digit Ratio and Persistent Organic Pollutants   *June 2019 – Jan 2020*

- Analyzed longitudinal data on pesticide exposure markers from 143 children in an agricultural community
- Created multilevel longitudinal model in R to analyze the exposure effects on the development of the digit ratio
- Research findings on the digit ratio used to quickly assess if exposure levels could cause harm in children

Research Analyst | Groundwater Pollution in Guanajuato   *Jun 2019 – August 2019*

- Collaborated with medical professionals to design a study to assess the health impacts of arsenic & fluoride
- Conducted an intervention where safety guidelines & rainwater collectors were provided to community

Suitcase Clinic | Nonprofit: Social and medical services to low income and homeless   **Berkeley, CA**

Food Security Coordinator   *Aug 2019 – May 2020*

- Led a team to negotiate food donations from businesses & farmers market to serve 30 women weekly
- Prepared & provided meals to homeless individuals on a weekly basis and analyzed feedback to improve service
- Supplied homeless with information about other hot meal services in the area & facilitated cooking classes

Undergraduate Student Instructor   *Jan 2019 – May 2019*

- Trained 10 student volunteers about poverty, homelessness & how to positively impact marginalized people
- Established process for program assessment to determine effectiveness & contributions of volunteers

Case Worker   *Jan 2018 – May 2018*

- Combatted poverty in Berkeley by providing basic needs services and housing information to the homeless
- Received in depth training in effective volunteering in homeless communities & the use of impact measurement

Center for Environmental Research & Children's Health | Berkeley School of Public Health   **Berkeley, CA**
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Research & Strategy Intern   *May 2017 – June 2018*

- Synthesized organization's articles into safety pieces to improve pesticide safety in agricultural communities
- Planned, illustrated, and edited organization's social media to increase knowledge of organization's research
- Translated journal articles from English to Spanish to increase comprehension in Spanish speaking communities

SKILLS

Technical Skills: Python, R, SQL, Shell Programing, Matplotlib, GGPLOT, Scikit Learn, Tensor Flow, Object Oriented Programming, Stata
Communication Skills: Spanish(fluent), English(Native), Adobe Creative Cloud, Final Cut Pro