

# Joshua Derenski

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## CONTACT

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**Phone:** (661) 309-5975

## EDUCATION

Sep 2012 — Jun 2016

University of California, Los Angeles

- Bachelor of Science in Statistics with a minor in Mathematics
- Overall GPA: 3.866

Aug 2016 — Present

USC

- PhD student in statistics

## WORK EXPERIENCE

UCLA Institute for the  
Environment and Sustainability

Jul, 2015 — Aug 2016

Data Analyst

- Working with highly granular electricity and natural gas consumption data.
- Mapping energy consumption in Los Angeles county based on geography, building characteristics, and demographics.
- Time-series analysis/modeling of monthly electricity and natural gas consumption of public schools
- Examination of distributions of energy consumption at city, neighborhood, and parcel levels

Wyzant

Jun 2015 — Jun 2016

Private Tutor

- Tutoring students and adults in various levels of math and statistics

## PAPERS

- Pincetl, S., Porse, E., Derenski, J. and Hannah Gustafson (2016) "Implementing Energy Efficiency Programs in California: A Data-Driven Approach for Proposition 39 and Beyond"
- Derenski, J., Porse, E., Gustafson, H., Cheng, D., and Stephanie Pincetl. "Spatial and Temporal Analysis of Aggregated Energy Use Data in K-12 Schools" (submitted)

## PRESENTATIONS

- Joshua Derenski, "Electricity and Natural Gas use in Los Angeles County Public Schools: Patterns and Insights," Sustainable LA Grand Challenges Fellows Symposium, July 2016

## RESEARCH INTERESTS

- Time Series Analysis
- Functional Data Analysis

## REFERENCES

- References available upon request.