

James Archsmith

University of California, Davis
Department of Economics
One Shields Ave.
Davis, CA 95616

<http://www.econjim.com>
econjim@ucdavis.edu

Education

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| 2018 | University of California, Davis
PhD, Economics |
| 2011 | University of Michigan, Ann Arbor
MA, Applied Economics |
| 1999 | University of Michigan, Ann Arbor
BSNRE, Environmental Policy and Behavior |

Current Affiliations: UC Davis Economics, UC Davis Institute for Transportation Studies

Research Interests: Industrial Organization, Energy and Environmental Economics, Applied Econometrics

Publications

From Cradle to Junkyard: Assessing the Life-cycle Greenhouse Gas Benefits of Electric Vehicles with Alissa Kendall and David Rapson, **Research in Transportation Economics**, October 2015, [doi:10.1016/j.retrec.2015.10.007](https://doi.org/10.1016/j.retrec.2015.10.007).

Selected Working Papers

Job Market Paper *Dam Spillovers: Direct costs and spillovers from environmental constraints on hydroelectric generation*, econjim.com/WP1701. Finalist for 2017 United States Association for Energy Economics North American Conference Best Paper Award. (Final Decision November 2017)

Air Quality and Error Quantity: Pollution and Performance in a High-skilled, Quality-focused Occupation with Anthony Heyes and Soodeh Saberian, **Conditionally accepted, Journal of the Association of Environmental and Resource Economists**, econjim.com/WP1601.

Attribute Substitution in Household Vehicle Portfolios with Kenneth Gillingham, Chris Knittel, and David Rapson, NBER Working Paper No. 23856, econjim.com/WP1702.

Fellowships and Awards

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| 2017-2018 | UC Davis Provost's Dissertation Year Fellowship |
| 2017 | UC Davis Economics Dissertation Improvement Support Award |
| 2015 | UC Davis Economics Department Distinguished TA |
| 2012-2013 | UC Davis Economics Nonresident Tuition Fellowship |

Invited Presentations

- 2018 American Economic Association Annual Meeting
- 2017 AERE Summer Conference, Emerging Data Opportunities in Environmental and Resource Economics Sponsored Session; UC Berkeley Energy Institute Energy Camp; United States Association for Energy Economics North American Conference; University of Hawaii at Manoa Economics Department Seminar; University of California, Davis Energy Economics Program Seminar
- 2016 University of California, Davis Energy Economics Program

Other Service

- Referee for Climate Policy
- 2016-2017 UC Davis Economics Department Graduate Studies Committee, Graduate Student Representative

Instructor

- 2017 ECN 125 **Energy Economics**, UC Davis

Teaching Assistantships

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|--------------------------------|----------|---|
| W 2014, F 2014, W 2015, S 2015 | ECN 125 | Energy Economics , UC Davis |
| W 2013, S 2014 | ECN 121A | Industrial Organization , UC Davis |
| S 2013 | ECN 102 | Analysis of Economic Data , UC Davis |
| F 2012 | ECN 100 | Intermediate Microeconomics , UC Davis |

Mean Student Evaluation: 4.69/5

Research Assistantships

- June 2013 - Dec. 2013 Research Assistant for Professor Dave Rapson, UC Davis
- June 2014 - Sept. 2014
- June 2015 - June 2017

Professional Experience

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| 2007 - 2012 | Staff Analyst | appleEcon, LLC Ann Arbor, MI |
| 2002 - 2007 | Buyer/Service Manager | Knight's Restaurants Ann Arbor, MI |
| 1999 - 2002 | Systems Analyst | Resource Recycling Systems, Inc Ann Arbor, MI |

Data Analysis and Programming

Data Analysis Software: Stata, Mata, R, Matlab, TensorFlow
Databases: SQL, including deployment and administration of
mySQL and MS-SQL
Programming Languages: C, C++, Python, Java, Visual Basic, JavaScript, PHP,
bash
High-Performance Computing: nVidia CUDA in C, C++, and Python

References

Primary Advisor	Dissertation Committee	
David Rapson	James Bushnell	Erich Muehlegger
Associate Professor	Professor	Associate Professor
UC Davis	UC Davis	UC Davis
dsrapson@ucdavis.edu	jbbushnell@ucdavis.edu	emuehlegger@ucdavis.edu