

James Archsmith

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Education

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| 2012 -
June 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.

Selected Working Papers

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

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

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| 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 Hawai'i at Mānoa 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, Journal of Economic Behavior and Organization

2016-2017 UC Davis Economics Department Graduate Studies Committee, Graduate Student Representative

Instructor

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

Teaching Assistantships

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

2007 - 2012	Staff Analyst	applEcon, 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
dswapson@ucdavis.edu	jbbushnell@ucdavis.edu	emuehlegger@ucdavis.edu