

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

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

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. 2017 United States Association for Energy Economics North American Conference Best Student Paper Award.

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