

James Archsmith

Department of Agricultural and Resource Economics
2104 Symons Hall
University of Maryland
7998 Regents Drive
College Park, MD 20742-5535

<https://econjim.com>
archsmith@econjim.com

Academic Appointments

August 2018 - Assistant Professor, Agricultural and Resource Economics,
University of Maryland, College Park

Education

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

Publications

Air Quality and Error Quantity: Pollution and Performance in a High-skilled, Quality-focused Occupation with Anthony Heyes and Soodeh Saberian, **Journal of the Association of Environmental and Resource Economists**, October 2018, [doi:10.1086/698728](https://doi.org/10.1086/698728).

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

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

2017-2018 UC Davis Provost's Dissertation Year Fellowship
2017 USAEE North American Conference Best Student Paper Award
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 World Congress of Environmental and Resource Economists; Virginia Polytechnic Institute and State University; University of Maryland, College Park; University of Sydney; Haverford College; American Enterprise Institute
- 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, Economics Letters, Journal of Economic Behavior and Organization, Journal of Transport Geography, American Economic Journal: Economic Policy

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

Teaching

University Of Maryland (2018-)

AREC 380 Data Science for Environmental and Resource Economics

AREC 785 Advanced Economics of Natural Resources (Exhaustible Resources)

University Of California, Davis (2017)

ECN 125 Energy Economics

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