

**Ashley Langer**

<http://www.ashleylanger.com>

[alanger@email.arizona.edu](mailto:alanger@email.arizona.edu)

1130 E Helen St  
McClelland Hall 401  
Tucson, AZ 85721

Office: (520) 621-0117

---

**Appointments:**

Assistant Professor, Department of Economics, University of Arizona, 2013-present  
Faculty Research Fellow, National Bureau of Economic Research, 2020-present  
Adjunct Research Scientist, Ford School of Public Policy, University of Michigan,  
2013-2016

Visiting Scholar, Energy Policy Institute of Chicago, University of Chicago, Fall 2013  
Visiting Assistant Professor, Department of Economics, University of Arizona, 2012-2013  
Assistant Professor, Ford School of Public Policy and Department of Economics,  
University of Michigan, 2010- 2013

**Degrees:**

Ph.D. University of California, Berkeley, Economics, 2010  
B.A. Northwestern University, Mathematical Methods in the Social Sciences and  
Economics, 2002

**Publications:**

- “Escalation of Scrutiny: The Gains from Dynamic Enforcement of Environmental Regulations“  
(with Wesley Blundell and Gautam Gowrisankaran) *American Economic Review*, 110(8),  
August 2020, 2558-85
- “From Gallons to Miles: A Disaggregate Analysis of Automobile Travel and Externality Taxes”  
(with Vikram Maheshri and Clifford Winston) *Journal of Public Economics*, 152, August  
2017
- “The Intergenerational Transmission of Automobile Brand Preferences” (with Soren Anderson,  
Ryan Kellogg, and James Sallee) *Journal of Industrial Economics*, 63(4), December 2015
- “Automakers’ Short-Run Responses to Changing Gasoline Prices”  
(with Nathan Miller), *Review of Economics and Statistics* 95(4), October 2013
- “Toward A Comprehensive Assessment of Road Pricing Accounting for Land Use”  
(with Clifford Winston) *Brookings-Wharton Papers on Urban Affairs*, 2008
- “The Effect of Government Highway Spending on Road Users’ Congestion Costs”  
(with Clifford Winston) *Journal of Urban Economics* 60(3), 2006

**Working Papers:**

- “Designing Dynamic Subsidies to Spur Adoption of New Technologies” (with Derek Lemoine)  
*Submitted*
- “What Were the Odds? Estimating the Market’s Probability of Uncertain Events” (with Derek  
Lemoine)
- “Fueling Alternatives: Evidence from Naturalistic Driving Data” (with Jackson Dorsey and  
Shaun McRae)
- “Step on It: A New Approach to Improving Vehicle Fuel Economy” (with Shaun McRae)
- “Demographic Preferences and Price Discrimination in New Vehicle Purchases”  
*Revisions requested*

**Teaching:**

Empirical Environmental Economics, University of Arizona (PhD)  
Environmental Economics, University of Arizona (Undergraduate)  
Honors Principles of Economics, University of Arizona (Undergraduate)  
Government Regulation of Industry and the Environment, University of Michigan  
(Masters in Public Policy)  
Energy and Environmental Policy, University of Michigan (Undergraduate)  
Microeconomics B: Cost-Benefit Analysis in Depth, University of Michigan  
(Masters in Public Policy)

**Fellowships and Awards:**

2019 Sloan Foundation Grant for “Economics of Innovation in the Energy Sector”  
(With David Popp and NBER, \$399,895)  
Eller Dean’s Research Award for Assistant Professors  
2018 NBER Economics of Energy Use in Transportation Grant  
(With Shaun McRae, \$15,000)  
Kalt Prize for best graduate student placement in the Eller Business School  
(Jackson Dorsey, Kelley Business School at Indiana University)  
2017 Center for Management Innovations in Health Care  
(With Derek Lemoine, \$3,900)  
Eller Small Grant (With Derek Lemoine, \$2,500)  
2016 Institute of the Environment Program Development Grant  
(With Derek Lemoine, \$15,000)  
2015-2016 Eller Small Grant (With Derek Lemoine, \$2,500)  
2014-2016 University of Arizona Renewable Energy Network Grant  
(With Derek Lemoine, \$15,000 each year)  
2013-2014 University of Arizona Renewable Energy Network Grant (\$15,000)  
2011,2012 Faculty Teaching Honor Roll for Microeconomics B (twice), Energy Policy,  
and Government Regulation of Industry and the Environment  
2009-2010 Association of American University Women Dissertation Fellowship  
2008 U.C. Berkeley Dean’s Normative Time Fellowship  
2007-2008 Outstanding Graduate Student Instructor Award

**Research Presentations:**

2020: Allied Social Science Association Conference, University of Arizona Quant Law  
Conference, Booth, Wharton, ETH/ZEW/CMCC/Grenoble Ecole de Management  
(scheduled)  
2019: NBER Future of Energy Use in Transportation, Yale University Economics/SOM,  
University of Chicago (EPIC), NBER EEE Summer Institute, University of  
California Berkeley, University of Virginia Law School, National University  
Singapore, Jinan University, Triangle Resource and Environmental Economics  
Seminar, University of Calgary, University of California, San Diego  
2018: Arizona State University, NBER Future of Energy Use in Transportation,  
University of Nevada, Reno, Cowles Foundation Conference on Structural  
Microeconomics, NBER Industrial Organization Summer Institute, NBER  
Environmental and Energy Economics Summer Institute, University of Maryland  
Environmental Tax Workshop, Georgetown University, Santa Barbara Occasional  
Workshop in Environmental Economics, Yale University School of Forestry and  
Environmental Studies

- 2017: Stanford Institute for Theoretical Economics Conference, NBER Environmental and Energy Economics Summer Institute, MIT CEEPR Workshop
- 2016: POWER Conference, IIOC Conference, AERE Annual Conference, Heartland Conference, University of Michigan Conference on Transportation, Energy, Economics and the Environment
- 2014: University of Colorado Boulder Environmental and Resource Economics Workshop, University of California, Davis, University of Michigan Conference on Transportation, Energy, Economics and the Environment
- 2013: Northeast Workshop on Energy Policy and Environmental Economics, American Environmental and Resource Economists (AERE) Annual Conference, NBER Summer Institute in Industrial Organization, Quantitative Marketing and Economics Conference, University of Chicago (Harris)
- 2012: American Economic Association Annual Conference, University of Arizona, University of British Columbia, Copenhagen Business School
- 2011: International Industrial Organization Conference, Midwest Bioenergy Conference, University of Chicago (Harris School), UC Berkeley (Energy Institute), Carnegie Mellon University (Heinz School)
- 2010: Arizona State University, Columbia University, Michigan State University, Ohio State University, Stanford University, Tufts University, University of British Columbia, University of Maryland (Agricultural and Resource Economics), University of Michigan (Economics, Erb Institute, and Public Policy), University of Toronto, University of Wisconsin (Economics and Agricultural and Applied Econ.)
- 2009: Collegio Carlo Alberto (MOOD Conference), San Francisco Federal Reserve, University of California, Berkeley (Economics, Business, and Public Policy)

**Graduate Advising (all UA):**

EK Green, Paul Fisher (chair), Wei Zhou, Chase Eck (chair), Wendan Zhang (chair), Timothy Roberson (chair), Yujia Peng, Phuong Ho (co-chair), Arundhati Tillu, Jackson Dorsey (chair), SangUk Nam, Keith Meyers, Wesley Blundell (co-chair), Anatolii Kokoza, Kyle Wilson, Ahmad Mohassel (chair), Cong Liu, Charles He, Alex Hollingsworth, Michael Matheis, Soudeh Mirghasemi, Hoa Nguyen, Thiagarajah Subramaniam, Leila Asgari