

## Dennis B. Guignet

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### EDUCATION:

- Ph.D. Agricultural and Resource Economics, University of Maryland, College Park, MD, 2011.
- M.S. Agricultural and Resource Economics, University of Maryland, College Park, MD, 2009.
- B.S. Environmental and Renewable Resource Economics, The Pennsylvania State University, State College, PA, 2006.  
Highest Distinction. Minors in Geographical Information Systems (GIS) and Economics.

### EMPLOYMENT:

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|--|----------------|
| Assistant Professor, Department of Economics, Appalachian State University,<br>Boone, NC.  | 2018 - present |
| Research Economist, National Center for Environmental Economics, US<br>Environmental Protection Agency, Washington, DC.                | 2011 – 2018    |
| Lecturer, Department of Agricultural and Resource Economics, University of<br>Maryland, College Park, MD.                              | 2017 – 2018    |
| Adjunct Assistant Professor, Department of Economics, American University,<br>Washington, DC.  | 2016 – 2017    |
| Research Associate, Fondazione Eni Enrico Mattei (FEEM), Milan, Italy.   | 2010 – 2011    |
| Research Assistant, Department of Agricultural and Resource Economics,<br>University of Maryland, College Park, MD.                    | 2006 – 2010    |
| Intern, Affordable Housing Division, S&A Homes, Inc., State College, PA.   | 2006           |
| Research Assistant, Department of Agricultural Economics and Rural<br>Sociology, The Pennsylvania State University, State College, PA. | 2005 – 2006    |

**TEACHING:**

Appalachian State University

ECO 2030: Principles of Microeconomics. Fall 2018.

University of Maryland

AREC 240: Introduction to Economics and the Environment. Fall 2017.

American University

ECON 379: Economics of Environmental Policy. Spring 2016, 2017.

Guest Lecturer

AREC 200: The Chesapeake Bay Ecosystem: Intersection of Science, Economics, and Policy. "Economics at the EPA: Estimating the Benefits of Improving the Chesapeake Bay," University of Maryland, College Park, MD. Fall 2015, 2016, 2017.

AREC 241: Environment, Economics, and Policy. "Regulatory Development and Economics at the EPA," University of Maryland, College Park, MD. Fall 2015, 2014.

AREC 240: Introduction to Economics and the Environment. "The Role of Economics at the Environmental Protection Agency," University of Maryland, College Park, MD. Fall 2013.

ECON 415: Environmental and Natural Resource Economics. "A Stated Preference Survey of the Chesapeake Bay," Salisbury University, Salisbury, MD, Spring 2013.

Teaching Assistant

AREC 200: The Chesapeake Bay Ecosystem: Intersection of Science, Economics, and Policy. University of Maryland, College Park, MD, Spring 2010, 2011.

CHEM 12: Chemical Principles. The Pennsylvania State University Berks-Lehigh Valley, Reading, PA, Fall 2003.

**PUBLICATIONS:**

Walsh, Patrick, Charles Griffiths, Dennis Guignet, and Heather Klemick, "Adaptation, Sea Level Rise, and Property Prices in the Chesapeake Bay Watershed," *Land Economics*, Forthcoming.

Guignet, Dennis, Robin Jenkins, Matthew Ranson, and Patrick Walsh, "Contamination and Incomplete Information: Bounding Implicit Prices using High-Profile Leaks," *Journal of Environmental Economics and Management*, Forthcoming.

Guignet, Dennis, and Adan L. Martinez-Cruz, "The Impacts of Underground Petroleum Releases on a Homeowner's Decision to Sell: A Difference-in-Differences Approach," *Regional Science and Urban Economics*, Forthcoming.

**PUBLICATIONS (cont.):**

- Moore, Chris, Dennis Guignet, Kelly Maguire, Nathalie Simon, and Chris Dockins (2018) "Valuing Ecological Improvements in the Chesapeake Bay and the Importance of Ancillary Benefits", *Journal of Benefit-Cost Analysis*, 9(1), 1-26.
- Klemick, Heather, Charles Griffiths, Dennis Guignet, Patrick J. Walsh (2018), "Improving Water Quality in an Iconic Estuary: An Internal Meta-analysis of Property Value Impacts Around the Chesapeake Bay", *Environmental and Resource Economics*, 69, 265-292.
- Walsh, Patrick, Charles Griffiths, Dennis Guignet, and Heather Klemick (2017), "Modeling the Property Price Impact of Water Quality in 14 Chesapeake Bay Counties," *Ecological Economics*, 135, 103-113.
- Guignet, Dennis, Charles Griffiths, Heather Klemick, and Patrick J. Walsh (2017), "The Implicit Price of Aquatic Grasses," *Marine Resource Economics*, 32(1), 21-41.
- Guignet, Dennis, Patrick J. Walsh, and Rachel Northcutt (2016), "Impacts of Ground Water Contamination on Property Values: Agricultural Run-off and Private Wells," *Agricultural and Resource Economics Review*, 45(2), 293-318.
- Guignet, Dennis and Anna Alberini (2015), "Can Property Values Capture Changes in Environmental Health Risks? Evidence from a Stated Preference Study in Italy and the United Kingdom," *Risk Analysis*, 35(3), 501-517.
- Guignet, Dennis (2013), "What Do Property Values Really Tell Us? A Hedonic Study of Pollution from Underground Storage Tanks," *Land Economics*, 89(2), 211-226.
- Guignet, Dennis (2012), "The Impacts of Pollution and Exposure Pathways on Home Values: A Stated Preference Analysis," *Ecological Economics*, 82, 53-63.
- Alberini, Anna, Milan Šcasný, Dennis Guignet, and Stefania Tonin (2012), "Cancer VPFs, One Size Does Not Fit All: The Benefits of Contaminated Site Cleanups in Italy," *Journal of the Air and Waste Management Association*, 62(7), 783-798.
- Zabel, Jeffrey and Dennis Guignet (2012), "A Hedonic Analysis of the Impact of LUST Sites on House Prices," *Resource and Energy Economics*, 34(4), 549-564.
- Guignet, Dennis and Anna Alberini (2010), "Voluntary Cleanup Programs and Redevelopment Potential: Lessons from Baltimore, Maryland," *Cityscape: A Journal of Policy Development and Research*, 12(3), 7-36.
- Ready, Richard, Ann Fisher, Dennis Guignet, Richard Stedman and Junchao Wang (2006). "A Pilot Test of a New Stated Preference Valuation Method: Continuous Attribute-Based Stated Choice," *Ecological Economics*, 59, 247-255.

**WORKING PAPERS:**

Maguire, Kelly B., Chris Moore, Dennis Guignet, Chris Dockins, and Nathalie B. Simon (2018), "Muddying the Water? An Analysis of Non-Constant Baselines in Stated Preference Surveys," US EPA National Center for Environmental Economics Working Paper, 18-02, Washington, DC, May.

Kung, Megan, Dennis Guignet, and Patrick Walsh (2017), "Comparing Pollution Where You Live and Play: A Hedonic Analysis of Enterococcus in the Long Island Sound," US EPA National Center for Environmental Economics Working Paper, 17-08, Washington, DC, June.

Guignet, Dennis (2014), "To Sell or Not to Sell: The Impacts of Pollution on Home Transactions," US EPA National Center for Environmental Economics Working Paper, 14-01, Washington, DC, January.

**PRESENTATIONS:**

"The Spatial Distribution of WTP and Status Quo Effects: An Application to the Chesapeake Bay Watershed," presented at the Northeastern Agricultural and Resource Economics Association's Annual Meeting, Philadelphia, PA, June 2018.

"Property Values and Water Quality: A Nationwide Meta-Analysis and the Implications for Benefit-Transfer," presented at the 10<sup>th</sup> Annual Conference of the Society for Benefit Cost Analysis, Washington, DC, March 2018.

"Stated Preference Methods & Valuing Surface Water Quality Improvements," presented at the National Socio-Environmental Synthesis Center's (SESYNC) Seminar Series, Annapolis, MD, May 2017.

"The Property Value Impacts of Groundwater Contamination: Agricultural Runoff and Private Wells," presented at the Northeastern Agricultural and Resource Economics Association's Water Quality Economics Workshop, Newport, RI, June 2015.

"Do Home Values Respond to Underground Storage Tank Releases? An Examination of High-Profile Cases Across the US," presented at the Northeastern Agricultural and Resource Economics Association's and the Canadian Agricultural Economic Society's Joint Annual Meeting, Newport, RI, June 2015.

"A Stated Preference Study of the Chesapeake Bay and Watershed Lakes," presented at the Allied Social Science Associations' (ASSA) 2015 Meeting, Boston, MA, January 2015.

"The Implicit Price of Aquatic Grasses," presented at Resources for the Future's (RFF) Academic Seminar Series, Washington, DC, October 2014.

**PRESENTATIONS (cont.):**

- “The Implicit Price of SAV: A Hedonic Study of the Chesapeake Bay,” presented at the Northeast Agricultural and Resource Economics Association’s Annual Meeting, Morgantown, WV, June 2014.
- “To Sell or Not To Sell: The Impacts of Pollution on Home Transactions,” presented at the 6<sup>th</sup> Annual Conference of the Society for Benefit Cost Analysis, Washington, DC, March 2014.
- “To Sell or Not To Sell: The Impacts of Pollution on Home Transactions,” presented in Sponsored Session at the Association of Environmental and Resource Economists’ 3<sup>rd</sup> Annual Summer Conference, Banff, Canada, June 2013.
- “Can Property Values Capture Changes in Environmental Health Risks: Evidence from a Stated Preference Study in Italy and the UK,” presented at the Association of Environmental and Resource Economists’ 2<sup>nd</sup> Annual Summer Conference, Asheville, NC, June 2012.
- “What do Property Values Really Tell Us? A Hedonic Study of Pollution from Underground Storage Tanks,” presented at the Annual Conference of the Society for Benefit Cost Analysis, Washington, DC, October 2011.
- “What do Property Values Really Tell Us? A Hedonic Study of Pollution from Underground Storage Tanks,” presented at the Agricultural and Applied Economics Association and Northeastern Agricultural and Resource Economics Association’s Joint Annual Meeting, Pittsburgh, PA, July 2011.
- “A Hedonic Analysis of the Impact of LUST Sites on House Prices,” presented at the Association of Environmental and Resource Economists’ Inaugural Summer Conference, Seattle, WA, June 2011.
- “Environmental Health Risks and Home Values: A Revealed and Stated Preference Analysis,” presented in the Research Sketches Session at the National Bureau of Economic Research (NBER) Environmental and Energy Economics Workshop, Cambridge, MA, July 2010.
- “The Effects of LUSTs on Home Values: Is Proximity Enough?,” presented at the 4<sup>th</sup> World Congress of Environmental and Resource Economists, Montreal, Canada, July 2010.
- “LUSTs as Contaminated Sites: What are the Effects on Property Values?,” presented at the 17<sup>th</sup> Annual Conference of the European Association of Environmental and Resource Economists, Amsterdam, The Netherlands, June 2009.
- “Participation in Voluntary Cleanup Programs: A Case Study of Maryland,” presented at the International Atlantic Economic Conference, Savannah, GA, October, 2007.

**AWARDS:**

Bronze Medal for Commendable Service, US Environmental Protection Agency (2016)  
Partners of OW Award, Office of Water, US Environmental Protection Agency (2016)  
Scientific and Technological Achievement Award: Honorable Mention, US  
Environmental Protection Agency (2015)  
Trudy A. Speciner Non-Supervisory Award for Advancing Environmental Protection,  
US Environmental Protection Agency (2014)  
Superior Efforts and Contributions Award, Office of the Administrator, US  
Environmental Protection Agency (2012, 2014, 2016)  
Young Professional Travel Grant, Agricultural and Applied Economics Assoc. (2011)  
Award for Excellence and Innovation in Undergraduate Teaching in the Marquee  
Courses in Science and Technology, University of Maryland (2011)  
Distinguished Teaching Assistant, University of Maryland (2010)  
Jacob K. Goldhaber Travel Award, University of Maryland (2009)  
Graduation Marshall, College of Agricultural Sciences, The Pennsylvania State  
University (2006)  
Evan Pugh Scholar Senior Award, The Pennsylvania State University (2006)  
Goizueta Scholars Award, The Goizueta Foundation (2005)  
The Honor Society of Agriculture Gamma Sigma Delta's Junior Scholarship (2005)  
Evan Pugh Scholar Junior Award, The Pennsylvania State University (2004)  
The Honor Society of Agriculture Gamma Sigma Delta's Sophomore Scholarship (2004)  
President's Freshman Award, The Pennsylvania State University (2002)  
Eagle Scout, Boy Scouts of America (2001)

**REFEREE EXPERIENCE:**

*Agricultural and Resource Economics Review* (2015), *Ecological Economics* (2013),  
*Economics* (2017), *Environmental and Resource Economics* (2014), *Environment and  
Planning C: Government and Policy* (2013), *Health Affairs* (2011), *International Journal  
of Sustainable Transportation* (2016), *International Regional Science Review* (2014),  
*International Journal of Urban Sciences* (2017), *Journal of Environmental Economics  
and Management* (2017, 2014, 2011, 2010), *Land Economics* (2017, 2016, 2015, 2014,  
2012), *Leisure Sciences* (2015), *Policy Sciences* (2012), *Regional Science and Urban  
Economics* (2011), *Resource and Energy Economics* (2015, 2014), *Science of the Total  
Environment* (2018), *Sustainability* (2015, 2017), *Water Economics and Policy* (2015)

**PROFESSIONAL SERVICE:**

Session Chair: Hedonic Price Studies and BCA session at the 10<sup>th</sup> Annual Conference of  
the Society for Benefit Cost Analysis, Washington, DC, 2018.  
Book Reviewer: *Environmental & Natural Resource Economics* (11<sup>th</sup> ed.) by Tom  
Tietenberg & Lynne Lewis, Taylor & Francis, 2017.  
Panel Review Member: US Department of Housing and Urban Development National  
Disaster Resilience Competition, 2015.

**PROFESSIONAL SERVICE (cont.):**

Moderator: The Northeastern Agricultural and Resource Economics Association's and the Canadian Agricultural Economic Society's Joint Annual Meeting, Newport, RI, 2015.

Member: Selected Papers and Symposia Committee, Northeast Agricultural and Resource Economics Association's, 2015-2016.

Moderator: The Economics of Water Quality Improvement in Chesapeake Bay Workshop, hosted by the Environmental Protection Agency, Washington, DC, 2011.

Discussant: The Agricultural and Applied Economics Association and Northeastern Agricultural and Resource Economics Association's Joint Annual Meeting, Pittsburgh, PA, 2011.

Discussant: 4<sup>th</sup> World Congress of Environmental and Resource Economists, Montreal, Canada, 2010.

Discussant: 17<sup>th</sup> Annual Conference of the European Association of Environmental and Resource Economists, Amsterdam, The Netherlands, June 2009.

Discussant: International Atlantic Economic Conference, Savannah, GA, Oct. 2007.

**PROFESSIONAL ORGANIZATIONS:**

Northeast Agricultural and Resource Economics Association  
Association of Environmental and Resource Economists

**COMPUTER SKILLS:** ArcGIS, SAS, Stata, R, Matlab