

**Brandi J. Robinson**

John and Willie Leone Family Department of Energy and Mineral Engineering  
John A. Dutton e-Education Institute  
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**EDUCATION**

*Master of Science, Geography (2005)* *The Pennsylvania State University*  
*Bachelor of Arts, Environmental Studies and Geography (2003)* *University of Pittsburgh*

**PROFESSIONAL EXPERIENCE**

The Pennsylvania State University, University Park, PA

**Assistant Teaching Professor** July 2018 – present  
Responsibilities additional to Lecturer include revision and instruction of the EME 466 capstone course. Serves as Director of Advising for the ESP Program; approving all proposed course substitutions and other exceptions handled at the Program-level and interfacing with College-level advising for College-level substitutions and other exceptions to degree requirements.

**Lecturer** September 2010 – June 2018  
Responsible for course development and instruction for the Bachelor of Arts in Energy and Sustainability Policy offered through the John A. Dutton e-Education Institute in the College of Earth and Mineral Sciences. Current responsibilities include instruction of GEOG/EME 432 Energy Policy, GEOG 438W Human Dimensions of Global Warming, and academic advising to approximately 75 students in the ESP majors. Also developed and instruct a graduate level energy policy course, EME 803, for the inter-college Master of Professional Studies in Renewable Energy and Sustainability Systems. Has served as a coach for EME 466 capstone projects. In addition to teaching and developing courses, also serves as an advisor for Energy and Sustainability Policy majors.

**Project Associate, PA Stewardship Engagement Initiative** February 2011 – January 2014  
The PA Stewardship Engagement Initiative is a project of the Agriculture and Environment Center in the College of Agricultural Sciences that brings together conservation partners and Pennsylvania farmers to discuss successes and challenges of implemented conservation practices prescribed through the Farm Bill. The project seeks to facilitate the individual participation in the legislative process surrounding those environmental issues of most importance to farmers within the Chesapeake Bay Region. Responsibilities include stakeholder communication, event coordination, meeting facilitation, and administrative grant reporting to the David and Lucile Packard Foundation and other key project partners.

**Budget Manager, Program on Integrated Assessment Model Development Diagnostics, and Inter-comparison (PIAMIDDI)** September 2016 – December 2016  
The PIAMIDDI is a cooperative agreement with the Department of Energy which seeks to improve the science of integrated assessment by doing cutting edge research in critical areas of IAM development and integrating that research with a program of model inter-comparisons and IAM scenario ensemble construction activities. Responsibilities include managing past and current budget accounts for Penn State- held accounts and subawards as well as developing a new budget for a follow-up project to be implemented later this year. Other grant administration duties as assigned.

Center for Climate Strategies, Washington, DC

**Independent Consultant** October 2014 – February 2017  
Assist in the development and implementation of online training modules for low emission development strategies in Ukraine, China, and other countries as assigned.

Environmental Credit Corporation, State College, PA

**Senior Account Manager** January 2010 – September 2010  
Managed greenhouse gas offset projects from the point of project development through third party verification for credit registration. Responsible for working directly with third party verifiers to provide all necessary data and information for project verification and registration.

**Policy Analyst** October 2007 – September 2010  
Responsible for understanding requirements and qualifications for implementing greenhouse gas reduction and carbon credit offset projects on a variety of registries including the Chicago Climate Exchange, the California Climate Action Registry, the Voluntary Carbon Standard, the Gold Standard, and the Regional Greenhouse Gas Initiative. Calculated greenhouse gas emissions for all company travel, organizational events, and conferences.

**Grants and Contracts:** Managed (2) USDA Natural Resource Conservation Society Conservation Innovation Grants, including budget and reporting/presentation requirements as well as planning and running stakeholder outreach events. Assisted in the drafting of the 2008-0116-036 grant.

Contract 69-3A75-5-145 | \$2,145,000 | 2007-2010: Providing Carbon Credit Incentive for the Adoption of Lagoon Covers on Hog Farms in North Carolina and Dairies in New York

Contract 2008-0116-036 | \$450,000 | 2008-2010: Enhancing Air Quality through the Adoption of Small-Scale Anaerobic Manure Digesters on Dairy Farms in Pennsylvania

The Pennsylvania State University, University Park, PA

**Engineering Aide, Office of Physical Plant** January 2007 – October 2007  
Responsible for development and yearly maintenance of greenhouse gas emission inventories for all Penn State University campuses and assisting in the implementation of the University's greenhouse gas reduction strategy and public education efforts. Assisted other Pennsylvania universities with greenhouse gas inventories and mitigation planning.

**Project Associate, Consortium for Atlantic Regional Assessment** July 2005 – December 2006  
Managed multi-year, multi-institution Cooperative Agreement with the Environmental Protection Agency. Routine duties associated with grant management included maintaining communication with Advisory Council members and other stakeholders, publicizing the project, organizing and conducting website evaluation workshops, developing case study website, authoring reports and research papers related to the Consortium, coordinating daily administrative responsibilities for the project.

**Teaching Assistant** Fall 2003 – Spring 2005  
GEOG 030: Geographic Perspectives on Sustainability and Human-Environment  
Systems GEOG 010: Introduction to Physical Geography

**Research Assistant, GeoVISTA Center** Spring 2004  
GeoVISTA Center, Department of Geography

## **PROFESSIONAL PRESENTATIONS**

- Robinson, Brandi. (October 2018). Venturing Out from Behind the Computer: Building Confidence as a Leader in Your Community Through Engaged Scholarship Opportunities. Presentation at the World Campus Student Leadership Conference. University Park, PA.
- Robinson, Brandi. (June 2016). Engaging Adult Students: Penn State's Online Energy and Sustainability Policy Program. Presentation at the National Council on Science Education 2<sup>nd</sup> National Energy Education Summit. Washington, DC.
- Robinson, Brandi. (October 2014). Advising from a Distance: Best Practices in Program-Based Advising. Presentation at the Division of Undergraduate Studies Academic Advising Conference. University Park, PA.
- Sankey, Haley, and Brandi Robinson (September 2013). Embedding Global Perspective into the Energy and Sustainability Policy Degree. Presentation at the 2013 Global Penn State Conference. University Park, PA.
- Robinson, Brandi, Beth King and Jodi Vender. (April 2011). Academic Advising and Student Support: Perspectives from a New Online Bachelor of Arts in Energy and Sustainability Policy at Penn State. Presentation at the Annual Meeting of the Association of American Geographers. Seattle, WA.
- Robinson, Brandi. (September 2010). Carbon Credits and Emission Reductions: Lessons Learned from the North American Voluntary Carbon Market. Presentation to Penn State STS/PL SC 135 class. University Park, PA.
- Robinson, Brandi. (July 2008). Enhancing Air Quality and Providing Carbon Credit Revenue through the Adoption of Lagoon Covers on Dairies in New York and Hog Farms in North Carolina. Poster at the Soil and Water Conservation Society Annual Conference. Tucson, AZ.
- Nagle, Brandi. (May 2006). Local Efforts to Monitor and Mitigate Greenhouse Gas Emissions: A Case Study from the University Park Campus of the Penn State University. Presentation at the US EPA 15<sup>th</sup> International Emission Inventory Conference. New Orleans, LA.
- Nagle, Brandi. (February 2006). Animal Management and Water Quality: Addressing Challenges Associated with Excess Nutrients at Multiple Geographic Scales. Poster at the Food and Agricultural Sciences Exhibition. Washington, DC.
- Nagle, Brandi. (November 2005). Animal Management and Water Quality: Addressing Challenges Associated with Excess Nutrients at Multiple Geographic Scales. Poster at the Climate Change Science Program. Washington, DC.
- Nagle, Brandi. (April 2005). Local Mitigation of Greenhouse Gases: Lessons Learned from the University Park Campus of Penn State University. Presentation at the Annual Meeting of the Association of American Geographers. Denver, CO.

## **INVITED PRESENTATIONS**

- Robinson, Brandi (September 2019). The Future is Local: Understanding Local-Scale Opportunities for Climate Action. Penn State Department of Geography Coffee Hour Seminar Series.
- Robinson, Brandi and Peter Buckland (May 2019). Act on Climate Here and Now. The Climate Sessions, Elk Creek Café, Millheim PA.

Robinson, Brandi. (September 2016). Campus-scale GHG Inventories. Presentation to the Department of Geography, SUNY Binghamton. University Park, PA.

Robinson, Brandi. (October 2015). Showcasing Sustainability: A discussion of Penn State's Greenhouse Gas Emissions Inventory and Mitigation Planning. Panel Discussion at the Annual Meeting of the Pennsylvania Environmental Resource Consortium - Building Bridges. University Park, PA.

Nagle, Brandi. (January 2008). The Role of Carbon Credits in Reducing Greenhouse Gas Emissions. Presentation at the University of Pittsburgh Focus the Nation Event. Johnstown, PA.

Nagle, Brandi. (March 2007). Greenhouse Gas Emissions Inventorying at the Campus Scale: Methodologies for Student-Run Projects. Presentation at St. Francis University. Loretto, PA.

Matyasovsky, Al and Brandi Nagle. (February 2007). Penn State and the Environment: How Penn State Abington Can Contribute to University-Wide Environmental Stewardship Goals. Presentation at Penn State Abington. Abington, PA.

Nagle, Brandi. (February 2007). The University Park Campus of Penn State: Lessons Learned from Greenhouse Gas Emissions Inventorying and Reduction Planning. Presentation to the Pennsylvania Consortium for Interdisciplinary Environmental Policy. University Park, PA.

## PUBLICATIONS

Buckland, P., **B. Robinson**, and M. Mann. (2020). Science Alone Will Not Save Us, Civic Engagement Might. In J. Henderson and A. Drewes (Ed.) *Teaching Climate Change in the US*. New York: Routledge.

Wherley, M., and **B. Robinson**. (2020). Disrupt the one-way street of feedback to encourage reflective practice. In Chen, B., deNoyelles, A., & Thompson, K. (Eds.), *Teaching Online Pedagogical Repository*. Orlando, FL: University of Central Florida Center for Distributed Learning. Retrieved December 2, 2020 from <https://topr.online.ucf.edu/disrupt-the-one-way-street-of-feedback-to-encourage-reflective-practice/>.

Knuth, S., **B. Nagle**, C. Steuer, and B. Yarnal. (2007). Universities and climate change mitigation: Advancing grassroots climate policy in the US. *Local Environment* 12, 485-504.

**Nagle, B.**, S. Knuth, C. Steuer, and B. Yarnal. (2006). *Local Efforts to Monitor and Mitigate Greenhouse Gas Emissions: A Case Study from the University Park Campus of Penn State University*. In Proceedings of the 15<sup>th</sup> Annual International Emission Inventory Conference in New Orleans, LA: May 2006.

Shortle, J. and **B. Nagle**. (2005). *Designing Research for Impact: Lessons Learned from the Atlantic Slope Consortium, Mid- Atlantic Regional Assessment, and Consortium for Atlantic Regional Assessment*. White paper for the Penn State Institutes of Energy and the Environment.

## SERVICE

|  |                        |
|--|------------------------|
| Faculty Senate, Senator  | Fall 2018 – present    |
| Faculty Senate, Curricular Affairs, member   | Fall 2020 – present    |
| Faculty Senate, Educational Equity and Campus Environment, Vice Chair                | Fall 2019 – April 2020 |
| Office of Planning, Assessment, and Institutional Research Director Search Committee | Spring 2020            |
| College of Earth and Mineral Sciences Academic Integrity Committee, member           | Fall 2013 – present    |
| College of Earth and Mineral Sciences EMSAGE Laureate Committee, member              | Fall 2015 – Fall 2018  |
| College of Earth and Mineral Sciences Sustainability Council, member                 | Fall 2019 – present    |
| College of Earth and Mineral Sciences Sustainability Curriculum Committee; Chair     | Fall 2019 – present    |
| College of Earth and Mineral Sciences Undergraduate Poster Exhibition Judge          | Fall 2014 – Fall 2018  |
| Department of Energy and Mineral Engineering Undergraduate Studies Committee         | Fall 2017 – Fall 2020  |

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| Department of Energy and Mineral Engineering Executive Council                    | Fall 2018 – present   |
| Department of Energy and Mineral Engineering Strategic Planning Committee         | Spring 2020 - present |
| John A. Dutton e-Education Institute Learning Designer Hiring Committee           | Fall 2016             |
| John A. Dutton e-Education Institute Learning Designer Hiring Committee           | Fall 2013             |
| John A. Dutton e-Education Institute Assistant Learning Designer Hiring Committee | Fall 2013             |
| John A. Dutton e-Education Institute Green Team Leader                            | Spring 2013 – present |
| Ferguson Township Climate Action Committee; Chair                                 | Fall 2017 – present   |
| Centre Region Council of Governments Technical Advisory Group; Chair              | Spring 2019 – present |
| Penn State PA Environmental Resource Consortium Representative                    | Fall 2014 – Fall 2018 |

**AWARDS**

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| College of Earth and Mineral Sciences Faculty Advising Award | 2013 |
| University Faculty Advising Award                            | 2018 |