

Brandi J. Robinson

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University Park, PA 16802
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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

POSITIONS

- *Associate Teaching Professor*, John and Willie Leone Family Department of Energy and Mineral Engineering, Penn State (July 2023 – present)
- *Assistant Teaching Professor*, John A. Dutton e-Education Institute, John and Willie Leone Family Department of Energy and Mineral Engineering, Penn State (July 2018 – July 2023)
- *Director of Advising*, Energy and Sustainability Policy Program, John A. and Willie Leone Family Department of Energy and Mineral Engineering, Penn State (July 2018 – present)
- *Co-director*, Local Climate Action Program, Sustainability Institute and College of Earth and Mineral Sciences, Penn State (June 2022 – present)
- *Lecturer*, John A. Dutton e-Education Institute, John and Willie Leone Family Department of Energy and Mineral Engineering, Penn State (September 2010 – June 2018)
- *Budget Manager*, Program on Integrated Assessment Model Development Diagnostics and Intercomparison, College of Agricultural Sciences, Penn State (September 2016 – December 2016)
- *Project Associate*, Pennsylvania Stewardship Engagement Initiative, College of Agricultural Sciences, Penn State (February 2011 – January 2014)
- *Independent Consultant*, Center for Climate Strategies (October 2014 – February 2017)
- *Senior Account Manager*, Environmental Credit Corp. (January 2010 – September 2010)
- *Policy Analyst*, Environmental Credit Corp. (October 2007 – September 2010)
- *Engineering Aide*, Office of Physical Plant, Penn State (January 2007 – October 2007)
- *Project Associate*, Consortium for Atlantic Regional Assessment, Institutes for Energy and the Environment, Penn State (July 2005 – December 2006)

PUBLICATIONS

- Logan, B. E., Rahimi, M., Li, L., Winter, L. R., Peng, W., & Robinson, B. J. (2024). Viewpoint Catalyzing Climate Solutions through Energy and Carbon Education. *Environmental Science & Technology*, 58(46), 20333–20335.
<https://doi.org/10.1021/acs.est.4c09632>
- Buckland, P., **Robinson, B.** and Mann, M. (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 **Robinson, B.** (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. [Link](#).
- Knuth, S., **Nagle, B.**, Steuer, C. and B. Yarnal. (2007). Universities and climate change mitigation: Advancing grassroots climate policy in the US. *Local Environment* 12, 485-504.

Nagle, B., Knuth, S., Steuer C. 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 15th Annual International Emission Inventory Conference in New Orleans, LA: May 2006.

Shortle, J. and **Nagle, B.** (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.

INVITED PRESENTATIONS

Robinson, B. (September 2024). Local Climate Action Program: Student-Community Partnerships for Climate Solutions. Appalachian Sustainable Finance Hub Co-Lab. Online.

Robinson, B. (August 2024). Local Climate Action Program: Building Climate Resiliency in our Pennsylvania Communities. Sustainable Pittsburgh Webinar. Online.

Robinson, B. (April 2024). Local Action for Global Solutions: Reflections from COP28. Panel Discussion [with Pam Adams, Richard Alley, and Peter Buck] for WPSU Student Climate Day. University Park, PA.

Robinson, B. (January 2024). COP28 Reflections. Citizens Climate Lobby of State College. Online.

Robinson, B. and Buck, P. (November 2023). Join Us in the Local Climate Action Program! Global Sustainable Action Summit. University Park, PA.

Robinson, B. (October 2023). Building Climate Resiliency in Our Pennsylvania Communities Through Student Engagement. We Conserve PA Fall Gathering of Environmental Advisory Councils. West Chester, PA.

Robinson, B. (October 2023). Implementing the Centre Region Climate Action and Adaptation Plan. Sustainability Speaker Series for Manada Conservancy. Hershey, PA.

Robinson, B. (May 2023). Centre Region's Climate Action and Adaptation Plan. Leadership Centre County. State College, PA.

Robinson, B. and Buck, P. (June 2022). Let's Make a Climate Action and Adaptation Plan. A Presentation to the Pennsylvania Municipal League's Sustainability Conference. Remote.

Robinson, B. (May 2022). Moderator for Breakout Session: Communities & Campuses: Working Together for Local Climate Action. Energy Days. University Park, PA.

Robinson, B. (April 2022). Mitigation and Adaptation Strategies: Recommendations and Next Steps for Ferguson Township. A Presentation to the Ferguson Township Board of Supervisors. Remote.

Buck, P., **Robinson, B.**, and Kang, M. (March 2022). Sustainability Integration in Curriculum: Experiences from the Colleges of Arts and Architecture and Earth and Mineral Sciences. Panel Presentation for the PA Environmental Resource Consortium Webinar Series on Public Health and Sustainability; Peer-to-Peer Professional Development Session. Remote.

Buck, P. and **Robinson, B.** (November 2021). Local Climate Solutions: Responding to Global Challenges at Home. Presentation to Indivisible Blair County. Remote.

Robinson, B. (October 2021). Responding to Climate Change: Recommendations for Municipal Actions in 2022. A Presentation to the Ferguson Township Board of Supervisors. Remote.

Robinson, B. (May 2021). Ferguson Township's Greenhouse Gas Inventory and Next Steps. A Presentation to the Ferguson Township Tree Commission. Remote.

Knapp, C., James, T., Adams, P., and **Robinson, B.** (April 2021). Climate Action and Adaptation Planning in Pennsylvania. Panel Presentation for Solve Climate by 2030; hosted jointly by the Penn State Sustainability Institute and the Bard Center for Environmental Policy. Remote.

- Robinson, B.** (March 2021). Climate Policy Considerations for Pennsylvania. A Presentation at the Council of Commonwealth Students Government Sustainability Summit. Remote.
- Robinson, B.** (November 2019). All Over the Map: Where My UPJ Geography Degree Has Taken Me. A Presentation at the University of Pittsburgh at Johnstown's Geography Awareness Week, Johnstown PA.
- Robinson, B.** (September 2019). The Future is Local: Understanding Local-Scale Opportunities for Climate Action. Penn State Department of Geography Coffee Hour Seminar Series.
- Robinson, B.** (June 2019). Recalculating: Embracing the Rerouting of your Educational Path to Achieve Emerging Career Goals. A Commencement Address for the South Williamsport Area Junior Senior High School, South Williamsport PA.
- Robinson, B.** and Buck, P. (May 2019). Act on Climate Here and Now. The Climate Sessions, Elk Creek Café, Millheim PA.
- Robinson, B.** (May 2019). Climate Change and a Green New Deal. Panel presentation for the Sunrise Movement Town Hall. University Park, PA.
- Robinson, B.** (October 2018). Ferguson Township Climate Action Committee Findings and Future Plans. A Presentation to the Ferguson Township Board of Supervisors. State College, PA.
- Robinson, B.** (September 2016). Campus-Scale GHG Inventories. Presentation to the Department of Geography, SUNY Binghamton. University Park, PA.
- Robinson, B.** (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, B.** (March 2007). Greenhouse Gas Emissions Inventorying at the Campus Scale: Methodologies for Student-Run Projects. Presentation at St. Francis University. Loretto, PA.

PRESENTATIONS

- Robinson, B.** (October 2024). Stepping Out from Behind the Computer Screen: Experiential Community-Based Capstone Projects for Online Adult Learners. Roundtable at the Engagement Scholarship Consortium. Portland, OR.
- Robinson, B.** (September 2024). Community Conversations: Climate Action and Resiliency – A Global Topic Viewed Through a Local Lens. Panel Discussion. State College, PA.
- Robinson, B.** (December 2023). Creating Real World Opportunities for Student Engagement in Local Climate Planning. Panel Discussion at the Higher Education Pavilion of COP28. Dubai.
- Robinson, B.** and Buck, P. (October 2023). Local Climate Action Program: Building Resilience in our PA Communities. Pennsylvania Municipal League Sustainability Conference. Gettysburg, PA.
- Robinson, B.** and Buck, P. (October 2023). A Win-Win Approach to Local-Scale Climate Solutions and Student Engagement. Engaged Scholarship Consortium. East Lansing, Michigan.
- Robinson, B.** (April 2023). The Local Climate Action Program. Bucknell Sustainability Symposium. Lewisburg, PA.
- Robinson, B.** (June 2022). Local Solutions to Global Challenges: Engaging Adult Learners in Community-Based Climate Action. A Presentation to the World Symposium on Sustainable Development at Universities. Online.
- Robinson, B.** and Buck, P. (May 2022). The Future of LCAP: Making a Good Thing Even Better. A Presentation to the Commonwealth Campus Sustainability Forum. Online.
- Robinson, B.** (March 2022). EMS Sustainability Council: Creating Partnerships for Experiential Learning. A Presentation to the Graduates of Earth and Mineral Sciences Board. Online.

Robinson, B. (November 2021). Climate Change Content and Assignment Examples from GEOG 438W. A Presentation at the Climate Change in Our Classrooms Workshop of the Penn State Sustainability Institute. Online.

Robinson, B. and Buck, P. (May 2021). Lessons Learned from a Workshop for Sustainability Curriculum Development. A Presentation at the Commonwealth Campus Sustainability Forum on Contributing to Community Resilience. Online.

Robinson, B. (February 2021). Asynchronous Writing Assignments: A Semester-Long Writing Project in GEOG 438W. Developing Asynchronous Assignments and Resources, Penn State Keep Teaching. Online.

Robinson, B., Buck, P., and Rowland, N. (December 2020). The Faculty Senate's Climate Action Resolution. A Presentation at the Climate and Carbon Challenges Forum of the Penn State Sustainability Institute. Online.

Robinson, B. (July 2020). Fostering Student Accountability for Academic Integrity. Panel Discussion at Canvas Days 2020. Online.

Robinson, B. (April 2020). The Faculty Senate's Climate Action Resolution. A Presentation at the Climate and Carbon Challenges Information Session of the Penn State Sustainability Institute. Online.

Robinson, B. (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, B. (June 2016). Engaging Adult Students: Penn State's Online Energy and Sustainability Policy Program. Presentation at the National Council on Science Education 2nd National Energy Education Summit. Washington, DC.

Robinson, B. (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, H., and **Robinson, B.** (September 2013). Embedding Global Perspective into the Energy and Sustainability Policy Degree. Presentation at the 2013 Global Penn State Conference. University Park, PA.

MEDIA COVERAGE

(2022). Pittsburgh-Area Climate Initiatives to Receive a Boost When Long-Awaited Federal Funds Flow. *Pittsburgh Post-Gazette*. [Link](#).

(2021). Can the Centre Region Reduce Greenhouse Gas Emissions by 45% by 2030? Here's the Plan. *Centre Daily Times*. [Link](#).

Robinson, B. (2021). The Context of Our Local Climate Work. Op-Ed for the *Centre Daily Times*.

(2020). Penn State Aims to Drastically Reduce Its Greenhouse Gas Emissions: Here's How. *Centre Daily Times*. [Link](#).

GUEST LECTURES

Robinson, B. (April 2024). Building Community Resilience: Local Climate Action Program. Guest Lecture in PSYCH 490 (Janet Swim). University Park, PA.

Robinson, B. (November 2023). Local Responses to Climate Change. Guest Lecture in Penn State Lehigh Valley SUST 150 (Karen Kackley-Dutt). Online.

Robinson, B. (April 2022). Scales of Governance for Climate Action. Guest Lecture in Penn State Lehigh Valley SUST 150 (Karen Kackley-Dutt). Online.

Robinson, B. (March 2021). Climate Action Across Scales of Governance. Guest Lecture in Penn State GEOG 437W class (Jenn Baka). Online.

Robinson, B. (March 2021). Climate Action and the Issue of Scale. Where Do We Act? What Do We Do? Guest Lecture in Penn State Lehigh Valley SUST 150 (Karen Kackley-Dutt). Online.

Robinson, B. (February 2021). Climate Action Across Scales of Governance. Guest Lecture in Penn State Law School's Environmental Mediation class (Lara Fowler). Online.

Robinson, B. (November 2020). Climate Action and the Issue of Scale: Where Do We Act? What Do We Do? Guest Lecture in Penn State Lehigh Valley SUST 150 (Karen Kackley-Dutt). Online.

TEACHING

- Geography 30N: Environment and Society in a Changing World
- Geography 432: Energy Policy
- Geography 438W: Human Dimensions of Global Warming
- Energy and Mineral Engineering 466: Energy and Sustainability in Society (capstone course)
- Energy and Mineral Engineering 497: Special Topics – Greenhouse Gas Accounting (now ESP/SUST 481)
- Energy and Mineral Engineering 496: Independent Study – Local Climate Action Planning (now ESP/SUST 482)

SERVICE

University Faculty Senate

Senate Council, Councilor	Fall 2022 – present
Committee on Curricular Affairs, Member	Fall 2020 – present
Subcommittee on Sustainability, Chair	Fall 2020 – Spring 2021
Educational Equity and Campus Environment, Vice Chair	Fall 2019 – April 2020
Senator	Fall 2018 – present

College of Earth and Mineral Sciences

Sustainability Council, Member	Fall 2019 – present
Sustainability Curriculum and Engagement Committee; Chair	Fall 2019 – present
Academic Integrity Committee, Member	Fall 2013 – Spring 2021
EMSAGE Laureate Committee, Member	Fall 2015 – Fall 2018

Department of Energy and Mineral Engineering

Executive Council, Member	Fall 2018 – present
ESP/RESS Joint Hire Hiring Committee; Member	Summer 2022
Strategic Planning Committee Chair	Spring 2020 – Fall 2021
Undergraduate Studies Committee, Member	Fall 2017 – Fall 2020

John A. Dutton Institute for Teaching and Learning Excellence

Learning Designer Hiring Committee, Member	Fall 2016
Learning Designer Hiring Committee, Member	Fall 2013
Assistant Learning Designer Hiring Committee, Member	Fall 2013
Green Team, Chair	Spring 2013 – Fall 2016

Centre Region Council of Governments

Technical Advisory Group; Chair	Spring 2019 – Fall 2021
Implementation Technical Advisory Group; Chair	Spring 2022 - present

Ferguson Township Climate Action Committee; Chair

Pennsylvania Environmental Resource Consortium, Penn State Representative	Fall 2017 – Spring 2022
	Fall 2014 – Fall 2018

AWARDS

University Community Engagement and Scholarship Award	2025
Engagement Scholarship Consortium Excellence in Community Engagement Institutional Leadership	2024
College of Earth and Mineral Sciences G. Montgomery and Marion Mitchell Award for Innovative Teaching	2023

