

KAITLYN SPANGLER

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she/her/hers

Department of Agricultural Economics,
Sociology, and Education
The Pennsylvania State University
University Park, PA

EDUCATION

PhD	Utah State University Environment & Society Dissertation: “ <i>Cultivating agrobiodiversity in the US: Barriers and bridges at multiple scales</i> ”	2021
MS	Virginia Tech Geography Thesis: “‘ <i>When he comes home, then he can decide</i> ’: Male out-migration, the feminization of agriculture, and integrated pest management in the Nepali mid-hills”	2018
BS	Pennsylvania State University Community, Environment, & Development Schreyer Honors College, <i>magna cum laude</i>	2016
BA	Pennsylvania State University Anthropology Schreyer Honors College, <i>magna cum laude</i> Thesis: “ <i>Assessing seasonal dietary variability and vulnerability in the Kilombero Valley</i> ”	2016

PROFESSIONAL APPOINTMENTS

Assistant Professor Rural Sociology Department of Agricultural Economics, Sociology, and Education, The Pennsylvania State University	2023 – present
Postdoctoral Scholar Transdisciplinary Climate Science Department of Geography, The Pennsylvania State University	2021 – 2023

PUBLICATIONS

Google scholar lists 633 citations of my work and an h-index of 11
*denotes student co-author

19. Weinberg, M.*, Spangler, K., Curry, K. (2026). “Beyond the Original Contour: Legitimizing Transition on Eastern Kentucky’s Mined Landscapes” *Energy Research and Social Science*, 137

18. Wiseman, HJ., Spangler, K., Baka, J., Boyle, C. In Taylor, M. (Eds) “Renegotiating Rural Energy Transitions in the US” in *Rural, Regional, and Remote Energy Transitions* (forthcoming 2026)

17. Wiseman, HJ., Baka, J., Spangler, K. “Renegotiating the Energy Transition” 97 *University of Colorado Law Review*, (forthcoming 2026)

16. Rissing, A., Spangler, K. “How do we know what we grow? Interrogating the datafication of Agricultural Landscapes in the United States.” *Economic Anthropology*, 12(2), <https://doi.org/10.1002/sea2.70003>

15. Spangler, K., Rissing, A., Burchfield, E., *Schumacher, B. **, Powell, B., and Siegel, K. “Nutritious monocultures? Where and how we grow fruits and vegetables in the US.” *Global Food Security*, 45, <https://doi.org/10.1016/j.gfs.2025.100860>

14. Spangler, K., Baka, J., Wiseman, H., *Schoenecker, K. *, Goldberg, Z. *, and Weinberg, M. *,* “Legitimizing grid-scale solar: Shaping Pennsylvania’s farmland as renewable energy landscape.” *Sustainability Science*, <https://doi.org/10.1007/s11625-024-01622-2>

13. Smithwick, E.A.H., Wu, H., **Spangler, K.,** *Adib, M*, Wang, R*,* Taylor, A., Kaye, M., Zipp, K., Newman, P., Dems, C., Miller, Z. D. “Manager perspectives on implementing prescribed fire in the mid-Atlantic region, U.S.A. *Fire Ecology*, 20(77), <https://doi.org/10.1186/s42408-024-00315-6>

12. Spangler, K., Smithwick, E., Buechler, S., and Baka, J. (2024) “Just energy imaginaries? Examining realities of solar development of Pennsylvania’s farmland.” *Energy Research and Social Science*, 108, <https://doi.org/10.1016/j.erss.2023.103394>

11. Rissing, A., Burchfield, E., **Spangler, K.,** Schumacher, B. (2023). “Implications of U.S. agricultural data practices for sustainable food systems research.” *Nature Food*, 4, <https://doi.org/10.1038/s43016-023-00711-2>

10. Spangler, K., Burchfield, E. K., Radcl, C., Jackson-Smith, D., *Johnson, R. ** (2022). “Crop diversification in Idaho’s Magic Valley: the present and the imaginary.” *Agronomy for Sustainable Development*, 42(99) <https://doi.org/10.1007/s13593-022-00833-0>

9. Spangler, K., Schumacher, B. L., Bean, B., Burchfield, E. K. (2022). “Path dependencies in US agriculture: Regional factors of diversification.” *Agriculture, Ecosystems, and Environment*, 333 <https://doi.org/10.1016/j.agee.2022.107957>

8. Burchfield, E. K., Schumacher, B., **Spangler, K.,** Rissing, A. (2022). “The state of US farm operator livelihoods.” *Frontiers in Sustainable Food Systems*, 5 <https://doi.org/10.3389/fsufs.2021.795901>

7. McCann, R., **Spangler, K.,** Millison, A. (2021). “Life paths into leading systems-level change: Higher education’s potential and pitfalls.” *Sustainability and Climate Change*, 14(4), <https://doi.org/10.1089/scc.2021.0005>.

6. Spangler, K., McCann, R., Ferguson, R. S. (2021). “(Re-)Defining permaculture: Perspectives of permaculture teachers and practitioners across the United States.” *Sustainability*, 13(10), <https://doi.org/10.3390/su13105413>.

5. Morgan, B., **Spangler, K.,** Stuienvolt Allen, J., Morrisett, C., Brunson, M., Wang, S-Y, Huntly, N. (2021). “Water availability for cannabis in northern California: Intersections of climate, policy, and public discourse.” *Water*, 13(5), doi.org/10.3390/w13010005.

4. Spangler, K., Burchfield, E., and Schumacher, B. (2020). “Past and current dynamics of US agricultural land use and policy.” *Frontiers in Sustainable Food Systems*, 4(98). [10.3389/fsufs.2020.00098/full](https://doi.org/10.3389/fsufs.2020.00098/full).

3. Barnett, M., **Spangler, K.,** Petrzela, P., Filipiak, J. (2020). “Power dynamics of non-operating landowner-renter relationships and conservation decision-making in the Midwestern US.” *Journal of Rural Studies*, 78, 107-114. <https://doi.org/10.1016/j.jrurstud.2020.06.026>

2. **Spangler, K.**, Christie, M. E. (2020). Renegotiating gender roles and cultivation practices in the Nepali mid-hills: Unpacking the feminization of agriculture. *Agriculture and Human Values*, 37(2). <https://doi.org/10.1007/s10460-019-09997-0>

1. Burchfield, E., Nelson, K., and **Spangler, K.** (2019). The impact of agricultural diversification on US crop production. *Agriculture, Ecosystems and Environment*, 285 (2019), <https://doi.org/10.1016/j.agee.2019.106615>.

MANUSCRIPTS UNDER REVIEW

Pascaris, A., Bessette, D., Bills Walsh, K., Gerlak, A. K., Kay, D., Macknick, J., McCall, J., Moore, S., Mulvaney, D., Nilson, R., Rand, J., Schelly, C., **Spangler, K.**, Stedman, R., & Swanson, T. “A systematic review and critical analysis of research on public responses to large-scale solar in the United States.” Revised and resubmitted to *Energy Research and Social Science*.

*Schumacher, B. L., **Spangler, K.**, Rissing, A., & Yost, M. “Agricultural Water Futures in Utah: The (Re-)distribution Imaginary.” Revising to resubmit at *Agriculture and Human Values*

MANUSCRIPTS IN PREPARATION

Spangler, K., Goldberg, Z. *, Baka, J., Schoenecker, K. *, and McCarthy, J. “(Re-)assembling prime and marginal farmland through solar development.” To be submitted to *Rural Sociology*.

Buechler, S., **Spangler, K.**, Lopez-Olmedo, K. *, Singh, H. *, and Birkenholtz, T. “Agrivoltaics as Opportunity: How Pennsylvania Farmers Integrate Solar Energy Infrastructure into Dynamic Landscapes” To be submitted to *Journal of Agriculture, Food Systems, and Community Development*.

Schumacher, B. L., Burchfield, E. K., **Spangler, K.**, Yost, M. “Risky Business: Irrigated agriculture in the desert-West.” To be submitted to *Agricultural Water Management*

Steely, E. *, **Spangler, K.** “The Sun and the Cloud: Assessing Rural Energy Democracy through Community Discourse with Large-Scale Energy Projects.” To be submitted to *Environmental Research: Energy*

Armesto Gomez, A. *, **Spangler, K.** “From Land to Territory: Indigenous Peoples and Development Planning in Colombia, 1961 -2026,” To be submitted to *Journal of Political Geography*

Spangler, K., Gevaudan-Burgos, JP, *Weinberg, M. "Waste not, want not: Examining the circularity of crop residue management and soil health for Pennsylvania farmers," To be submitted to *Agriculture and Human Values*

REPORTS AND POLICY BRIEFS

Jaenicke, E., Gao, Y*, Bodovski, Y., and **Spangler, K.** (2026, Aug). “Organic Hotspots in US Agriculture, 2016 to 2023, and Their Impacts on Local Economies” Available at SSRN: <http://dx.doi.org/10.2139/ssrn.7336159>

Buechler, S., **Spangler, K.**, Lopez Olmedo, K. *, Singh, H. *, Birkenholtz, T., Hansen, M*. (2024, Oct). “Emerging perspectives of PA farmers on agrivoltaics.” Policy brief, Pennsylvania State University https://tr.ee/fvc_xz_sV6

Spangler, K., Gayle, R., and Albrecht, Don E. (2020). “Balancing Environmental and Economic Priorities in Rural Western U.S. Communities.” *ASAP Research Series*. Logan, UT: Western Rural

Development Center. <https://www.usu.edu/wrdc/publications/asap-cgs-analysis-balancing-environmental>

FUNDING

Active External Grants

“Scaling solar: Rural energy democracy from the distributed to utility-scale in Pennsylvania and Virginia” 2027 – 2029
Alfred P. Sloan Foundation Early Career Faculty Grant for Interdisciplinary Research
PI, \$250,000

Active Internal Grants

“Socio-Engineering Feasibility of Producing Next-Generation Cement Substitutes from Abundant Crop Residue Feedstocks in Pennsylvania for a Sustainable Real Estate Market” 2026 – 2027
Penn State Coccoziello Institute of Real Estate Innovation
Co-PI, \$50,000

“Decolonizing Conservation Research and Curriculum: Community-Engaged Approaches to Land/Territory and Conservation in the Andes and Amazon” 2026 – 2027
Penn State Social Science Research Institute Seed Grant
Co-PI, \$20,000

Previously Funded Grants

“Understanding community participation and decision-making processes for groundwater management in India” 2025 – 2026
Institute of Energy and the Environment
Co-PI, \$39,514

“Novel Carbon-Sequestering Production of Biochar and Building Materials from Crop Residues to Enhance Crop Yield in the Northeastern US” 2024 – 2025
USDA Northeast Regional Sun Grant Center
Co-PI, \$170,995

“Development and Social Implications of CO₂-Negative Bioproducts Derived from Crop Residues for On-site Energy and Decarbonized Cement Production” 2024 – 2025
Institute of Energy and the Environment
Co-PI, \$40,000

“Sustainable and Just Pathways to Agrivoltaics” 2023 – 2024
Institute of Energy and the Environment
Co-PI, \$30,000

TEACHING EXPERIENCE

Courses Taught

CED 404: Community, Environment, and Development Research Methods
Pennsylvania State University, University Park, PA

EDCE 501: Foundations of Education, Development, and Community Engagement
Pennsylvania State University, University Park, PA

EDCE 512: Decolonial methods for interdisciplinary research
 Pennsylvania State University, University Park, PA

AEE 465: Leadership practices: Power, influence, and impact
 Pennsylvania State University, University Park, PA

EDCE 596: Data Feminism and Intro to Visualization in R
 Pennsylvania State University, University Park, PA

Guest lectures and other experience

Guest lecture: *Financing the solar energy transition in rural communities* 2025

GEOG 497: Geographies of green transition: finance, adaptation, sustainability
 Pennsylvania State University, University Park, PA

Guest lecture: *On-farm solar and just energy transitions in PA* 2023

ERM 413W: Case Studies in Ecosystem Management
 Pennsylvania State University, University Park, PA

Guest lecture: *Alternative agricultural futures in the US: How did we get here, and where do we go?* 2022

CED 309: Land Economics and Policy,
 Pennsylvania State University, University Park, PA

Guest lecture: *Critical Data Science: What is it & what do we do with it?* 2020

Environmental Data Science course,
 Emory University, Atlanta, GA.

Teaching assistant: Gender, Environment, and Development course 2017

Virginia Tech, Blacksburg, VA

CONFERENCE PRESENTATIONS

**denotes student co-author or presenter*

Spangler, K., Goldberg, Z, *Schoenecker, K., Baka, J., McCarthy, J. "(Re)assembling 2026

land for solar development: deconstructing prime and marginal farmland,"

Paper at the Rural Sociological Society Annual Meeting, Raleigh, NC

Spangler, K., Gevaudan-Burgos, JP, *Weinberg, M. "Waste not, want not: Examining the 2026

circularity of crop residue management and soil health for Pennsylvania farmers,"

Paper at the American Association of Geographers Annual Meeting, San Francisco, CA.

Armesto Gomez, A. & Spangler, K. "Gendered Knowledges and the Politics of* 2026

Agricultural Education in Colombia's Land-Water Governance," Paper at the American

Association of Geographers Annual Meeting, San Francisco, CA.

Armesto Gomez, A. & Spangler, K. "Assessing the gendered gaps in the* 2025

Colombian agricultural education and outreach system," Paper at the Rural

Sociological Society, Salt Lake City, Utah.

Weinberg, M. & Spangler, K. "Beyond the Original Contour: Reimagining Land Use* 2025

on *Central Appalachia's Reclaimed Surface Mines*," Paper at the Rural Sociological Society, Salt Lake City, Utah.

Spangler, K. Baka, J., Wiseman, H., Schoenecker, K. *, Goldberg, Z. *, and McCarthy, J. 2025
 “*Constructing prime and marginal farmland through solar development.*” Paper at the American Association of Geographers Annual Meeting, Detroit, MI.

Weinberg, M. *, **Spangler, K.** “*Legitimizing Land Imaginaries: Visualizing the construction and projection of land relations by community college students in sites of energy transition.*” Paper at the American Association of Geographers Annual Meeting, Detroit, MI. 2025

Weinberg, M. *, **Spangler, K.**, Jarrell, D. “*Legitimizing Landscapes: Visualizing the construction and projection of land relations by community college students in sites of energy transition.*” Paper at the Global Land Programme’s 5th Open Science Meeting, Oaxaca, Mexico 2024

Lopez-Olmedo, K. *, **Spangler, K.**, Buechler, S. “*Agrivoltaics as Opportunity: How Pennsylvania Farmers Integrate Solar Energy Infrastructure into Dynamic Landscapes.*” 2024
 Paper at the Global Land Programme’s 5th Open Science Meeting, Oaxaca, Mexico

Spangler, K., Rissing, A., Burchfield, E., Powell, B., Siegel, K., and Schumacher, B. 2024
 “*Edible monocultures? Crop diversity and labor demands of fruit and vegetable production in the US.*” Paper at the Agriculture, Food, and Human Values Society Annual Meeting 2024, Syracuse University, New York

Spangler, K., Baka, J., Wiseman, H., Schoenecker, K., Goldberg, Z., and Weinberg, M., 2024
 “*Legitimizing grid-scale solar: Shaping Pennsylvania’s farmland as renewable energy landscape.*” Paper at the ASSET Workshop, “The Dawn of Solar Photovoltaics: Emergent Political Economies at the Solar-Agri-Land Nexus,” University of Stavanger, Norway

Spangler, K., Buechler, S., Lopez Olmedo, K. “*Emerging perspectives of agrisolar in PA.*” Penn State Climate Solutions Symposium 2024, University Park, PA 2024

Rissing, A., **Spangler, K.** “*How do we know what we grow? Histories and impacts of agricultural landscape datafication in the United States.*” 2024
 Paper at the Society for Economic Anthropology Working Group Annual Meeting, Tufts University, Medford, MA

Weinberg, M. *, **Spangler, K.**, Jarrell, D. “*Rupturing dominant land imaginaries: Exploring community college students' shifting environmental relations within Eastern Kentucky's transitioning land-use paradigms.*” Gamma Sigma Delta Research Expo, Pennsylvania State University, University Park, PA 2024

Spangler, K., Buechler, S., Lopez Olmedo, K. “*Understanding Agrisolar in PA.*” 2024
 Session at the PA Sustainable Agriculture 2024 Conference, Lancaster, PA

Spangler, K., Smithwick, E., Buechler, S. *Pathways toward solar justice: Localized realities of on-farm solar expansion across Pennsylvania.* Paper at the annual meeting of the American Association of Geographers (AAG) 2023, Denver, CO. 2023

- Spangler, K.,** McCann, R.B., Ferguson, R.S., *Defining, decolonizing, and applying permaculture: Perspectives of permaculture teachers and practitioners nationwide.* Paper at the National Sustainability Summit, University Park, PA. 2022
- Spangler, K.,** Burchfield, E., Radel, C., *Crop diversification in the Magic Valley: The present and the imaginary.* Paper at the American Association of Geographers (virtual) 2022
- Spangler, K.,** Burchfield, E., Radel, C. *Cultivating crop diversity across agricultural landscapes in the United States.* Paper at the Landscape 2021 conference (virtual). 2021
- Spangler, K.,** Schumacher, B., Bean, B., Burchfield, E. *Assessing structural barriers and bridges to agricultural diversification in the U.S.* Paper at the annual meeting of the American Association of Geographers (AAG) (virtual). 2021
- Spangler, K.** (Moderator), Roesch-McNally, G. (Panelist), Carter, A. (Panelist). *Women, land, and power: How does gender intersect with agricultural decision-making and conservation in the U.S.?* Panel at the Women and Gender in Development Conference (virtual) 2021
- Spangler, K.,** Morgan, B., Stuivenolt Allen, J., Morrisett, C., Brunson, M., Wang, S-Y., Huntly, N. *Climate realities and media conversations: water availability for cannabis agriculture in California's North Coast.* Poster at the Ecological Society of America Annual Meeting, Salt Lake City, UT (virtual). 2020
- Spangler, K.,** Burchfield, E., Schumacher, B. *Dynamics of agricultural land use in the U.S.: Toward sustainable transitions.* Paper at the US International Association of Landscape Ecology Annual Meeting, Fort Collins, CO. 2019
- Christie, M.E., **Spangler, K.,** Sumner, D. *Gendered knowledge, roles, and spaces: IPM cultivation and social change in the Nepali mid-hills.* Paper at the Sustainable Development Conference, University of Michigan, Ann Arbor, MI. 2018
- Spangler, K.,** Christie, M.E. *"When he comes home, then he can decide:" Feminization of agriculture and male out-migration in the Nepali mid-hills.* Paper at the annual meeting of the American Association of Geographers (AAG), New Orleans, LA. 2018
- Spangler, K.,** Christie, M. E. *What's in a household? Male outmigration, community spaces, and empowerment in the Nepali mid-hills.* Paper at the Dimensions of Political Ecology (DOPE) Conference, Lexington, KY. 2018
- Christie, M. E., Sumner, D., **Spangler, K.,** Apriliani, P. D. *Discovering and engaging gendered dimensions of international development.* Poster at the Advancing Diversity at Virginia Tech Workshop, Blacksburg, VA. 2018
- Spangler, K,** Gorenflo, L., Kambi, M. *Assessing seasonal dietary variability And vulnerability in the Kilombero Valley.* Paper at the annual meeting of the 2017

American Association of Geographers (AAG), Boston, MA

Christie, M.E., **K. Spangler**, I. Sereno. *Challenges using qualitative methods to integrate gender into research-for-development projects with biophysical scientists in Asia, Africa, and Latin America*. Paper at the annual meeting of the American Association of Geographers (AAG), Boston, MA. 2017

Spangler, K. *Gendered implications of the introduction and adaptation of IPM practices in Nepal*. Paper at the Dimensions of Political Ecology (DOPE) Conference, Lexington, KY. 2017

Spangler, K., Schneider, G., Strawser, M., Montiel-Ishino, F. A. Water access and quality in a village near Dodoma, Tanzania. Paper at the annual meeting of the Society for Applied Anthropology (SfAA), Vancouver, BC. 2016

INVITED TALKS & PANELS

Considerations of justice for modeling land use change 2025
Human Behavior in Global Change Models: Cross-disciplinary synthesis for future directions,
Aspen Global Change Institute Research Workshop, Aspen, CO

Place-based participatory mapping 2024
Qualitative Methods for Rural Health Research
SSRI's Social Science Research on Rural Population Health Working Group,
Pennsylvania State University, University Park, PA

Shaping Pennsylvania's farmland as renewable energy landscape: Lessons from Grid-Scale Solar Development 2024
Oak Ridge National Laboratory, Oak Ridge, TN (virtual)

Examining realities of shaping Pennsylvania's farmland as renewable energy landscape, Energy and Environmental Economics and Policy Initiative (EEEEPI) Seminar, Pennsylvania State University, University Park, PA 2024

Interdisciplinary Methods Workshop 2024
Penn State Water Conference: Multidisciplinary Perspectives on Water,
The Pennsylvania State University, University Park, PA

Strengthening Capacity Development in Transdisciplinary Futures Research (Panelist), Consortium for Transdisciplinary Futures Research, University of Nairobi (virtual) 2023

Beyond corn, soy, and wheat? Re-imagining US agricultural landscapes 2022
Geography Coffee Hour, Department of Geography, Pennsylvania State University, University Park, PA

Towards solar justice in Pennsylvania: Tensions of land, farming, and power 2022
Earth and Environmental Systems Institute EarthTalks seminar series,
Pennsylvania State University, University Park, PA

Cultivating agrobiodiversity in the US: Barriers and bridges at multiple scales 2022
M.E. John Seminar, Department of Agricultural Economics, Sociology,

and Education, Pennsylvania State University, University Park, PA

RESEARCH AND WORK EXPERIENCE

NSF Climate Adaptation Science Intern	2019 – 2020
Western Rural Development Center, Utah State University	
Research Associate	2018
Women and Gender in Development, Center for International Research, Education, and Development (CIRED), Virginia Tech	

GRADUATE STUDENT ADVISING, CURRENT

PhD Committee chair:

Alejandra Armesto Gomez (PhD, EDCE)

Emma Steely (PhD, EDCE)

Karen Lopez Olmedo (PhD, RSOC)

PhD Committee member:

Yu-Chen Chuang (PhD, Geography)

Kristin Shoenecker (PhD, Geography)

Linh Thuy Thi Le (PhD, Counselor Education)

GRADUATE STUDENT ADVISING, PRIOR

MS Committee chair:

Maya Weinberg (MS, EDCE), Graduated August 2025

MS Committee member:

Rebecca Lim (MS, EDCE), Graduated August 2026

Morgan “Duke” Williams (MS, Soil Science)

PhD Committee member:

Saiber Shaikh (PhD, Counselor Education), Graduated August 2026

Mia Sullivan (PhD, EDCE), Graduated August 2026

Britta Schumacher [external] (PhD, Ecology, Utah State University), Graduated May 2026

Tanja Hernandez (PhD, EDCE)

UNDERGRADUATE STUDENT ADVISING, CURRENT

Tanvi Joshi (Economics and Telecommunications), Center for Economic and Community Development (CECD) RA, Schreyer Honors Thesis Advisor

AWARDS

<i>High-Impact Research Publication in Human and Community Dynamics</i>	2024
College of Agricultural Sciences, Pennsylvania State University	
Presidential Doctoral Research Fellowship, Utah State University	2018 – 2021
Outstanding Master’s Student in Geography, Virginia Tech	2018
AAG Development Geographies Specialty Group Travel Award	2017
Sidman Poole Endowment Fund in Geography, Virginia Tech	2017

PROFESSIONAL SERVICE

RSS Nominations Committee Member Rural Sociological Society	2026 – present
RSS JEDI Committee Member Rural Sociological Society	2026 – present
Search Committee Member, Assistant Professor of Rural Sociology Department of Agricultural Economics, Sociology, and Education Pennsylvania State University	2026
Search Committee Member, Assistant Teaching Professor Department of Agricultural Economics, Sociology, and Education Pennsylvania State University	2026
CED Program Review Committee Department of Agricultural Economics, Sociology, and Education Pennsylvania State University	2024 – present
DEI Committee Representative Department of Agricultural Economics, Sociology, and Education Pennsylvania State University	2023 – 2025
EDCE PhD Standards Committee Member Department of Agricultural Economics, Sociology, and Education Pennsylvania State University	2023 – 2025
Co-Coordinator, Climate Solutions Symposium Institute for Energy and the Environment, Pennsylvania State University	2022 – 2023
Co-Coordinator, EarthTalks Seminar Series “Exploring the Multiple Dimensions of Solar Energy” Earth and Environmental Systems Institute, Pennsylvania State University	2022
Co-chair, Justice, Equity, Diversity, and Inclusion (JEDI) Committee S. J. Quinney College of Natural Resources, Utah State University	2020 – 2021
Peer reviewer for:	
<i>Gender, Place and Culture (2)</i>	
<i>Energy Research and Social Science (1)</i>	
<i>One Earth (1)</i>	
<i>Regional Environmental Change (1)</i>	
<i>Environmental Research Letters (1)</i>	
<i>Agriculture and Human Values (2)</i>	
<i>Rural Sociology (3)</i>	
<i>Agronomy for Sustainable Development (1)</i>	
<i>Journal of Rural Studies (1)</i>	
<i>Journal of Soil and Water Conservation (1)</i>	
<i>World Development Perspectives (1)</i>	
<i>Weather, Climate, and Society (1)</i>	

Frontiers of Sustainable Food Systems (1)
Geoforum (1)
Current Opinion in Environmental Sustainability (1)
Agriculture, Ecosystems, and Environment (1)
Sustainability Science (1)
Human and Social Sciences Communication (1)

LANGUAGES

English: Native language

KiSwahili: Speak, read, and write with basic proficiency

COMPUTER SKILLS

Programming languages: R, SAS

Applications: ArcGIS, ATLAS.ti, NVivo, Adobe Photoshop and Illustrator, Microsoft Office Suite

MEDIA COVERAGE

PA State Impact, “*Penn State study shows themes for farmers negotiating solar leases*” (2024)

Penn State News, “*Stable profits, land preservation matter to farmers debating solar*” (2024)

Institutes of Energy and the Environment blog post, “*Understand transitions to solar energy on Pennsylvania farmland*” (2023)

Emory University eScienceCommons, “*Data-driven study digs into the state of U.S. farm livelihoods*” (2022)

CounterPunch, “*Even as we see the flaws in our food system, we aim to force it on the world*” (2022)

CommonDreams, “*The U.S. forces its flawed food system on the world*” (2022)

AgDaily, “*New research shows struggles of US farm livelihoods*” (2022)

USU Student Spotlight, Presidential Doctoral Research Fellowship at Utah State (2019)

Agrilinks, “*Male out-migration: Changing households, changing public spaces*” (2018)