

Hannah T. Whitley

Curriculum Vitae

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Virginia Tech || Occoquan Watershed Monitoring Lab
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EDUCATION

- 2023 The Pennsylvania State University
PhD, Rural Sociology
Dual-title: Human Dimensions of Natural Resources and the Environment
Certificate in College Teaching
- 2019 The Pennsylvania State University
MS, Rural Sociology
Dual-title: Women's, Gender, and Sexuality Studies
Certificate in Online Teaching
- 2017 Oregon State University (Magna Cum Laude)
BS, Anthropology • BS, Sociology • BS, Religious Studies

AREAS OF SPECIALIZATION

Collaborative Governance; Community and Stakeholder Engagement; Environmental/Natural Resource Sociology; Participatory Research; Sociology of Food and Agriculture; Water and Society

PROFESSIONAL EXPERIENCE

- 2023 – Present Postdoctoral Research Associate on Collaborative Governance & Social Marketing, Occoquan Watershed Monitoring Lab, Virginia Tech
- 2022 – 2023 Predoctoral Fellow, National Institute of Food and Agriculture, United States Department of Agriculture
- 2021 – 2022 Oregon State University
Visiting Scholar, School of Public Policy
Visiting Associate, Writing Intensive Curriculum Program
Visiting Affiliate, OSU Policy Analysis Laboratory

PUBLICATIONS

Peer Reviewed Journal Articles

- 2023 Eaton, Weston M., Kathryn Brasier, Mark Burbach, Stephanie Kennedy, Jodi Delozier, Sara Boilla Anariba, **Hannah Whitley**, Walt Whitmer, and Nicole Santangelo. "A new approach for studying social, behavioral, and environmental change through stakeholder engagement in water resource management." *International Journal of Environmental Studies and Sciences*. DOI: [10.1007/s13412-023-00835-8](https://doi.org/10.1007/s13412-023-00835-8)

- 2022 Eaton, Weston M., Kathryn Brasier, **Hannah Whitley**, J. Chrissie Bausch, Jodie Delozier, Mark Burbach, Amber Wutich, Walt Whitmer, Jason Weigle, C. Clare Hinrichs, Barbara Quimby, and Clinton Williams. “Perspectives on collaboration among agricultural producers: Evidence from Arizona, Nebraska, and Pennsylvania.” *Journal of Rural Studies* 94(1): 1-12. DOI: [10.1016/j.jrurstud.2022.05.008](https://doi.org/10.1016/j.jrurstud.2022.05.008)
- 2021 Eaton, Weston M., Kathryn Brasier, Mark E. Burbach, Walt Whitmer, Elyzabeth W. Engle, Morey Burnham, Barbara Quimby, Anil Kumar Chaudhary, **Hannah Whitley**, Jodi Delozier, Lara B. Fowler, Amber Wutich, Julia C. Bausch, Melissa Beresford, C. Clare Hinrichs, Cheryl Burkhart-Kriesel, Heather E. Preisendanz, Clinton Williams, Jack Watson, and Jason Weigle. “A Conceptual Model for Enabling Social and Environmental Change Through Stakeholder Engagement in Water Resource Management.” *Society & Natural Resources* 34(8): 1111-1132. DOI: [10.1080/08941920.2021.1936717](https://doi.org/10.1080/08941920.2021.1936717)
- 2020 Boudet, Hilary, Leanne Giordono, Chad Zanocco, Hannah Satein, and **Hannah Whitley**. “Event Attribution and Partisanship Shape Local Discussion About Climate Change After Extreme Weather.” *Nature Climate Change* 10(1): 69-76. DOI: [10.1038/s41558-019-0641-3](https://doi.org/10.1038/s41558-019-0641-3)
- 2018 Zanocco, Chad, Hilary S. Boudet, Roberta Nilson, Hannah Satein, **Hannah Whitley**, and June Flora. “Place, Proximity, and Perceived Harm: The Effects of Extreme Weather on Views About Climate Change.” *Climatic Change* 149(3): 349-365. DOI: [10.1007/s10584-018-2251-x](https://doi.org/10.1007/s10584-018-2251-x)

Manuscripts Under Review and Revision

Whitley, Hannah, Elyzabeth Engle, Kathryn Brasier, Brasier, Weston M. Eaton, Morey Burnham, Sara Bonilla Anariba, Emma Butzler, Kathryn Dixon, Walt Whitmer, Anil Kumar Chaudhary, and Lara Fowler. “Stakeholder Engagement in Natural Resource Management: A Systematic Review of Definitions, Practices, and Outcomes.” Revise and resubmit at *Journal of Environmental Planning and Management*.

Whitley, Hannah. “Historical and Contemporary Contention Over Natural Resources in the ‘State of Jefferson’ and its Influence on Collaborative Water Governance Processes in the Klamath Basin.” Under review at *Rural Sociology*.

- *Winner*, 2023 Natural Resources Research Interest Group Graduate Student Travel Scholarship, Rural Sociological Society

Whitley, Hannah. “Exogenous, Endogenous, and Periphery Social Worlds: A Situational Analysis of Stakeholder Inclusion within Transboundary Water Governance Processes.” Under review at *Sustainability*.

Whitley, Hannah. “Negotiating the Intersection of Gender and Race in Agriculture.” Under review for *Women and Smallholder Farming: Addressing Global Inequities in Agriculture* by Carolyn Sachs and Paige Castellanos (Eds). Cambridge: Burleigh Dodds Science Publishing.

Bhide, Shantanue V., Stanley B. Grant, **Hannah Whitley**, Shalini Misra, Megan A. Rippey, Bethany Laursen, Christopher S. Galik, Thomas A. Birkland, Sujay S. Kaushal, Todd Schenk, Peter Vikesland, Jesus Gomez-Velez, Harold Post, Chad Coneway, Shannon Curtis, Brian Owsenek, Vishwa Shah, Siddharth Sakensa, and Kristin Rowles. “Collaborative Solutions to Inland Freshwater Salinization.” Under review at *Science*.

Manuscripts in Progress

Whitley, Hannah. “Outsiders within” the urban farm: An intersectional analysis of Black women’s agricultural experiences in Pittsburgh, Pennsylvania (USA).” In preparation for *Agriculture, Food, and Human Values*.

- *Winner, 2023 Agriculture, Food, and Human Values Society Graduate Student Paper Award*

Whitley, Hannah. “Using Photovoice Methods to Learn from Women Farmers, Growers, Agricultural Educators, and Food Advocates in Pittsburgh, Pennsylvania (USA).” In preparation for *Journal of Participatory Research*.

Whitley, Hannah. “The Klamath Basin is Not a Lost Cause: Controversy and Compromise in One of America’s Most Contentious Watersheds.” In preparation for *Handbook of Environmental Conflicts* by Gregg Walker and Todd Jarvis (Eds). Cheltenham, UK: Edward Elgar Publishing.

Whitley, Hannah and Kathryn Brasier. “Water.” In preparation for *Research Handbook in Rural Sociology* by Ann Tickamyer and Carolyn Sachs (Eds). Cheltenham, UK: Edward Elgar Publishing.

Invited Chapters

- 2022 Whitmer, Walt, Kathryn Brasier, Weston Eaton, and **Hannah Whitley**. “The Water for Agriculture Project: Background and Overview,” in *Stakeholder Engagement in Natural Resource Management* by Walt Whitmer and Lisa B. Clark (Eds). University Park, PA: The Pennsylvania State University.
- 2022 Whitmer, Walt, Kathryn Brasier, Weston Eaton, and **Hannah Whitley**. “Stakeholder Engagement Introduction and Definitions,” in *Stakeholder Engagement in Natural Resource Management* by Walt Whitmer and Lisa B. Clark (Eds). University Park, PA: The Pennsylvania State University.
- 2020 **Whitley, Hannah.** “Gender and Urban Agriculture,” in *Routledge Handbook of Gender and Agriculture*, edited by Carolyn E. Sachs, Leif Jensen, Paige Castellanos, and Kathleen Sexsmith. New York: Routledge.
- 2020 **Whitley, Hannah** and Kathryn Brasier. “Women Farmers and Women Farmers’ Identities,” in *Routledge Handbook of Gender and Agriculture*, edited by Carolyn E. Sachs, Leif Jensen, Paige Castellanos, and Kathleen Sexsmith. New York: Routledge.

Book Reviews

- 2022 **Whitley, Hannah.** “Hayden, Karen E.: The Rural Primitive in American Popular Culture.” *Rural Sociology* 87(2): 648-651. DOI: [10.1111/ruso.12453](https://doi.org/10.1111/ruso.12453)

- 2020 **Whitley, Hannah.** “Badia Ahad-Legardy and OiYan A. Poon (eds): Difficult Subjects: Insights and Strategies for Teaching About Race, Sexuality, and Gender.” *Frontiers in Sociology* 5(25): 1-3. DOI: [10.3389/fsoc.2020.00025](https://doi.org/10.3389/fsoc.2020.00025)
- 2020 **Whitley, Hannah.** “Patricia Hill Collins: Intersectionality as Critical Social Theory.” *Agriculture and Human Values*. DOI: [10.1007/s10460-020-10025-9](https://doi.org/10.1007/s10460-020-10025-9)
- 2019 **Whitley, Hannah.** “Steve Ventura and Martin Bailkey (eds): Good Food, Strong Communities: Promoting Social Justice Through Local and Regional Food Systems.” *Agriculture and Human Values* 36(1): 157-158. DOI: [10.1007/s10460-018-9898-9](https://doi.org/10.1007/s10460-018-9898-9)
- 2018 **Whitley, Hannah.** “Conceptualizing Environmental Justice: Plural Frames and Global Claims in Land Between the Rivers, Kentucky, by Banerjee, Damayanti, New York: Lexington Books, 2018.” *Rural Sociology* 83(4): 920-923. DOI: [10.1111/ruso.12260](https://doi.org/10.1111/ruso.12260)

Outreach and Extension Publications

* Indicates undergraduate student co-author

- 2021 **Whitley, Hannah.** “Webinar Library.” 12 briefs compiled for the Water for Agriculture Project Webinar Series supported by the Agriculture and Food Research Initiative (AFRI) Water for Agriculture grant no. 2017-68007-26584/project accession no. 1013079 from USDA NIFA. Available at <https://water4ag.psu.edu/webinar-library/>
- 2020 **Whitley, Hannah** and Weston M. Eaton. “2019 Agricultural Producer and Household Resident Preliminary Survey Results: Upper Cowanesque and Triple Divide area of Potter & Tioga Counties, PA; Mifflin County, PA; North Platte, NE; and Central Platte, NE.” Compiled for the Water for Agriculture Project supported by the Agriculture and Food Research Initiative (AFRI) Water for Agriculture grant no. 2017-68007-26584/project accession no. 1013079 from USDA NIFA.
- 2020 **Whitley, Hannah** and *Lydia Carey. “Agricultural and Residential Landowners Survey Summary of Results: Upper Cowanesque and Triple Divide area of Potter & Tioga Counties, PA; Mifflin County, PA; North Platte, NE; and Central Platte, NE.” Compiled for the Water for Agriculture Project supported by the Agriculture and Food Research Initiative (AFRI) Water for Agriculture grant no. 2017-68007-26584/project accession no. 1013079 from USDA NIFA.
- 2019 **Whitley, Hannah.** “Key Concepts and Definitions.” Summary compiled for the Water for Agriculture Project supported by the Agriculture and Food Research Initiative (AFRI) Water for Agriculture grant no. 2017-68007-26584/project accession no. 1013079 from USDA NIFA. Available at <https://water4ag.psu.edu/key-concepts>

Non-refereed Publications and Reports to Sponsors

- 2023 **Whitley, Hannah.** *Stakeholder Engagement Within Water Governance Processes in the Klamath Basin: A Power-Based Analysis*. The Pennsylvania State University, PhD Dissertation. Available at <https://etda.libraries.psu.edu/catalog/24286htw3>

- 2022 **Whitley, Hannah.** “The Upper Klamath Basin Restoration Summit: A Simulated Mediation Exercise.” Program for the Advancement of Research on Conflict and Collaboration (E-PARCC), Syracuse University Maxwell School of Citizenship and Public Affairs. Available at <https://bit.ly/3QF7VkJ>
- 2021 **Whitley, Hannah,** Ryan Naylor, Rosemary Aviste, Marissa Kopp, Julia Traub, and Aubrey Tallon. “Best Practices for Buffer Adoption and Communicating with County Action Plan (CAP) Stakeholders.” Final report for the Centre County Watershed Implementation Plan Team, on behalf of The Pennsylvania State University.
- 2021 **Whitley, Hannah.** "Factors affecting the profitability, productivity, and sustainability of socially disadvantaged urban agriculture operations in Pittsburgh, Pennsylvania." In *Proceedings of the 2020 Urban Food Systems Symposium*. Available at <https://newprairiepress.org/ufss/2020/proceedings/7>
- 2020 **Whitley, Hannah.** “COVID-19, Gender, and Urban Agriculture.” Epilogue in *Routledge Handbook of Gender and Agriculture*, edited by Carolyn E. Sachs, Leif Jensen, Paige Castellanos, and Kathleen Sexsmith. New York: Routledge.
- 2020 **Whitley, Hannah,** “Practical support for historically underserved urban agriculturalists during COVID-19: Reflections from my return to The Academy after a death in the family.” Gender Equity through Agricultural Research and Education Initiative (GEARE) Gender, Food, Agriculture, and Coronavirus blog. Available at <http://bit.ly/WhitleyGEARE>
- 2020 **Whitley, Hannah.** “Sustainable Urban Agriculture in Pennsylvania: Assessing Best Practices for Historically Marginalized Farmers.” Final report for Northeast Sustainable Agriculture, Research & Education grant GNE18-190. Available at <http://bit.ly/WhitleySARE>
- 2019 **Whitley, Hannah.** *Power, Privilege, and “Playing in the Dirt”: An Intersectional Exploration of Women’s Agricultural Experiences in Pittsburgh, Pennsylvania.* The Pennsylvania State University, Master’s Thesis. Available at https://etda.libraries.psu.edu/files/final_submissions/20398.
- 2019 **Whitley, Hannah.** "Graduate Student Spotlight: Using Photovoice to Learn from Women Farmers, Growers, and Food Activists in Pittsburgh, Pennsylvania." Society for the Study of Social Problems Section on Environment & Technology, Spring Newsletter. Available at <http://bit.ly/WhitleySPP>
- 2018 **Whitley, Hannah,** J. Tom Mueller, William Rice, and Cody Dems. “PLAYscapes in the State College Borough.” Final report for the Borough of State College, on behalf of The Pennsylvania State University.

Media Mentions

- 2023 “Forty graduate students recognized with prestigious University awards.” *Penn State News*, April 6. Available at <https://www.psu.edu/news/graduate-school/story/forty-graduate-students-recognize>

- 2023 “‘Nevertheless, We Persist’: Photo gallery gives voice to Klamath Basin farmers during water crisis.” *Capital Press*, February 3. Available at https://www.capitalpress.com/ag_sectors/water/nevertheless-we-persist-photo-gallery-gives-voice-to-klamath-basin-farmers-during-water-crisis/
- 2022 “Photography exhibit, presentation, to examine the struggles and triumphs of agricultural life.” *Herald & News*, November 2.
- 2022 “Ag Sciences students top all US universities with \$1.1M in USDA funding.” *Penn State News*, February 14. Available at <https://www.psu.edu/news/agricultural-sciences/story/ag-sciences-students-top-all-us-universities-11m-usda-funding/>
- 2022 “‘Ag in the Basin’ photography project coming to the Upper Basin.” *KWUA Water Works*, February 8. Available at <https://kwua.org/kwua-water-works-february-2022-/>
- 2021 “‘From Blight to Beauty’ – NE SARE-funded Research Tackles Agricultural Inequity, Sustainability in Pittsburgh.” *Innovations*, Northeast SARE’s Newsletter, October 30.
- 2019 “Photovoice project shares strengths and struggles of women in urban agriculture.” *Penn State News*, October 16. Available at <http://bit.ly/2YHijhD>. Republished in *Morning Ag Clips* and *Extension in the City*, Ohio State University.

Public Outreach (Blog Posts, Consultations, Online Articles, Podcasts)

- 2023 Consulted with the School of Public Health at Louisiana State University Health on best practices for risk communication and community engagement in the midst of rising salinity in New Orleans’ drinking water system: <https://www.washingtonpost.com/climate-environment/2023/10/07/saltwater-mississippi-river-louisiana-water-supply/>
- 2023 **Whitley, Hannah.** “Revolutionizing water decision-making in the face of political polarization.” Pennsylvania Association of Water Students (PAWS) Summer Paper Series. Available at: <https://medium.com/@psuwaterstudentgroup/revolutionizing-water-decision-making-in-the-face-of-political-polarization-ca8a04eb236b>
- 2022 **Whitley, Hannah.** “The Klamath Basin is Not a Lost Cause: Controversy and Compromise in One of America’s Most Contentious Watersheds.” American Water Resources Association’s *Water Resources IMPACT* 24(5): 17-20. Available at: <https://bit.ly/3D0EafX>
- 2022 “Water Woes of the West.” *Inspiration Dissemination* (Podcast), January 23. Available at <https://podcasts.apple.com/us/podcast/water-woes-of-the-west/id1337404264?i=1000549221877>
- 2022 “Water Woes of the West.” *Inspiration Dissemination* (Blog), January 22. Available at <https://blogs.oregonstate.edu/inspiration/2022/01/23/water-woes-of-the-west/?fbclid=IwAR1t7Ps9zwlI9WpWSg0cMeYGtmUtLUtei5kCM2lb4TP5jXYS9uhu>

- 2021 **Whitley, Hannah.** “Snows, Fires, and Droughts – Oh My! Surviving Extreme Weather on an Oregon Cattle Ranch.” American Water Resources Association’s *Water Resources IMPACT* 23(4): 30-33. Available at <https://bit.ly/2VIZUmP>
- 2021 “‘From Blight to Beauty’ – A photovoice project by Hannah Whitley.” *Urban Resilience Report*, Issue 1, Center for Economic and Community Development and the Urban Resilience Working Group at Penn State, October 21.

DATASETS

- 2023 Brasier, Kathryn Jo, Weston Eaton, Mark Burbach, Erin Trouba, **Hannah Whitley**, Cheryl Burkhart-Kriesel, Jodi Delozier, Lara Fowler, Victoria Ishler, Anil Kumar Chaudhary, Jon Laughner, Nicole Santangelo, John Tyson, and Walt Whitmer. “Water for Agriculture Producer and Household Surveys - 2019 and 2021.” Available at <https://scholarsphere.psu.edu/resources/63676b3d-0292-4098-a92c-4c3f2a7665c4>
- 2023 **Whitley, Hannah.** “Non-restricted Archival Data Sample for ‘Stakeholder Engagement Within Water Governance Processes in the Klamath Basin: A Power Theory-Based Analysis.’ Available at <https://scholarsphere.psu.edu/resources/be57c0da-15aa-448f-96d5-ca6d4855e68b>

GRANTS & FELLOWSHIPS

External Funding (Total Received: \$135,436)

- 2022 **Whitley, Hannah** and Kathryn Brasier. “Examining Stakeholder Engagement for Inclusive Transboundary Water Management & Agricultural Sustainability in the Klamath River Basin.” USDA NIFA Pre-Doctoral Fellowship. January 2022 – August 2023 (\$119,966).
- 2018 **Whitley, Hannah** and Kathryn Brasier. “Sustainable agriculture in Pennsylvania: Assessing best practices for historically marginalized farmers,” USDA Northeast Sustainable Agriculture Research and Education (NE SARE), Graduate Student Grants Program. July 2018 – February 2020 (\$14,970).
- 2015 Boudet, Hilary and **Hannah Whitley.** “Community Responses to Extreme Weather Conditions” National Science Foundation Research Experience for Undergrads (REU) Program. April 2015 – December 2015 (\$500).

Internal Funding (Total Received: \$8,650)

- 2023 **Whitley, Hannah.** Penn State Rural Sociology Cluster Small Grant Award (\$400).
- 2022 **Whitley, Hannah.** Penn State Rural Sociology Cluster Small Grant Award (\$750).
- 2022 **Whitley, Hannah** and Kathryn Brasier. “Irrigated Agriculturalists’ Perceptions of and Adaptations to Water Scarcity in the Context of Climate Change.” College of Agricultural Sciences Graduate Student Competitive Grant Program, The Pennsylvania State University. January 2022 – June 2022 (\$3,000).
- 2016 **Whitley, Hannah** and Hilary Boudet. “Community Reactions to Extreme Weather Events.” Oregon State University Undergraduate Research, Innovation, Scholarship, and

Creativity (URISC) Program. January 2016 – June 2016 (\$1,500).

2015 **Whitley, Hannah** and Hilary Boudet. “Community Reactions to Extreme Weather Events.” Oregon State University Undergraduate Research Apprenticeship Program (URAP). December 2015 – March 2016 (\$1,000).

2015 **Whitley, Hannah** and Dwaine Plaza. “Diversity Disconnect at Universities in the Pacific Northwest.” Oregon State University Undergraduate Research, Scholarship, and the Arts (URSA) Program. January 2015 – December 2015 (\$2,000).

AWARDS, HONORS, & DISTINCTIONS

2023 Paul Hand Award for Graduate Student Research Achievement in the College of Agricultural Sciences, The Pennsylvania State University.

2023 Graduate Student Travel Scholarship, Natural Resources Research Interest Group of the Rural Sociological Society.

2023 Graduate Student Paper Award, the Agriculture, Food, and Human Values Society.

2023 Alumni Association Dissertation Award, The Pennsylvania State University.

2023 Dennis and Jimmie Findley Endowment Award, The Pennsylvania State University Rural Sociology Graduate Program.

2021 Kenneth P. Wilkinson Scholarship in Rural Sociology, The Pennsylvania State University Rural Sociology Graduate Program.

2020 Dr. Fern “Bunny” Willits Graduate Award in Rural Sociology, The Pennsylvania State University Rural Sociology Graduate Program.

2020 Glenna Fellowship in Sociology, The Pennsylvania State University Rural Sociology Graduate Program.

2019 Francena L. Miller and Michael F. Nolan Graduate Scholarship, The Pennsylvania State University Rural Sociology Graduate Program.

2017 Robert W. Graham Endowed Graduate Fellowship, The Pennsylvania State University Department of Agricultural Economics, Sociology, and Education.

2017 Undergraduate Research Fellow distinction, Oregon State University.

2017 Phi Kappa Phi Honor Society, Oregon State University.

2017 Academic Excellence in Sociology Award, Oregon State University.

2017 College of Liberal Arts Outstanding Senior finalist, Oregon State University.

- 2016 American Sociological Association Honors Program Scholar and scholarship recipient.
- 2016 Sociology Faculty Recognition Award, Oregon State University.
- 2015 Writing Intensive Curriculum (WIC) Culture of Writing Award in Sociology, Oregon State University.
- 2013 Ford Scholar distinction and scholarship recipient, The Ford Family Foundation (Roseburg, OR).

PRESENTATIONS

* Indicates co-author presented

Invited Presentations, Panels, Trainings & Workshops

- 2023 **Whitley, Hannah.** “Water Governance: Foundations for Sustainable Human-Water Systems.” Consortium of Universities for the Advancement of the Hydrological Sciences (CUAHSI) Virtual University (virtual).
- 2023 **Whitley, Hannah.** “We Need Convergence Research to Solve Environmental Grand Challenges.” Center for the Enhancement of Engineering Diversity (CEED), Virginia Tech (Blacksburg, VA).
- 2023 **Whitley, Hannah.** “Urban Agriculture: Environmental Justice and Advocacy in Tallahassee and Beyond.” Cities and Society (SYD 3600), Florida State (virtual).
- 2023 Brooks, Matt, Paige Kelly, Morgan Montanez, and **Hannah Whitley.** “Next Steps After Graduation.” Annual Meeting of the Rural Sociological Society (Burlington, VT).
- 2023 **Whitley, Hannah.** “Catalyzing Stakeholder-Driven Solutions to Inland Freshwater Salinization; or, Why is there a Rural Sociologist in an Engineering Department??” Engineering Research Seminar (ENGR 1014), Virginia Tech (Blacksburg, VA).
- 2023 **Whitley, Hannah.** “Photovoice Methods 101.” Advanced Qualitative Methods (PPOL 628), Oregon State University (virtual)
- 2023 **Whitley, Hannah.** “Human Dynamics of Klamath Basin Negotiation Efforts.” Mediation of Environmental and Public Conflicts (EXPR 972), Penn State Law (University Park, PA).
- 2023 **Whitley, Hannah.** “A (Very) Brief History of Mediation Efforts in the Klamath Basin.” Mediation of Environmental and Public Conflicts (EXPR 972), Penn State Law (University Park, PA).
- 2022 **Whitley, Hannah.** “Agriculture and Environmental Change.” Rural Life in Global Society (SOC 355), McGill University (virtual).
- 2022 **Whitley, Hannah.** “Stakeholder Engagement within Water Governance Processes in the

Klamath Basin: A Power-based Analysis.” Water in the West Workshop, Montana State University (Bozeman, MT).

- 2022 **Whitley, Hannah.** “The Case for Stakeholder Engagement in an Era of Water Conflict, Climate Change, and Limited Water Allocation.” Keynote address, GradInspire, Oregon State University (Corvallis, OR).
- 2022 **Whitley, Hannah.** “So You Want To Do A Photovoice Project... Now What?” Rural Sociology Graduate Association, The Pennsylvania State University (virtual)
- 2022 **Whitley, Hannah.** “Qualitative Research Methods in Sociology.” Methods I: Research Design (SOC 315), Oregon State University (Corvallis, OR).
- 2021 **Whitley, Hannah.** “Water Policy and Governance in the Klamath Basin.” Law, Environment, and Agriculture Policy Club, Oregon State University (Corvallis, OR).
- 2021 **Whitley, Hannah.** “Urban Agriculture, Community Empowerment, and Participatory Research.” Changing Food Systems (CED 442), The Pennsylvania State University (virtual).
- 2021 **Whitley, Hannah** and Grace Wildermuth. “Intermediate NVivo Data Analysis Workshop.” Rural Sociology Graduate Association, The Pennsylvania State University (virtual).
- 2020 **Whitley, Hannah.** “A Practical Guide for Using Photovoice to Share Your Stories with the Public.” Sowing Change Conference on Food Security, Susquehanna University (Sellingsgrove, PA) [canceled due to extreme snow].
- 2020 **Whitley, Hannah.** “Urban Agriculture: Insights from The Female Farmer Photovoice Project.” Changing Food Systems (CED 442), The Pennsylvania State University (University Park, PA).
- 2019 **Whitley, Hannah.** “History of Agriculture in the U.S., 1930 to the Present.” Introduction to Rural Sociology (RSOC 011), The Pennsylvania State University (University Park, PA).
- 2019 **Whitley, Hannah.** “History of Agriculture in the U.S., Before 1930.” Introduction to Rural Sociology (RSOC 011), The Pennsylvania State University (University Park, PA).
- 2019 **Whitley, Hannah.** “EcoTypes and Environmental Typologies.” Environment and Society (CED 427W), The Pennsylvania State University (University Park, PA).
- 2019 **Whitley, Hannah.** “Fast Fashion, Consumption, and Sustainable Clothing.” Environment and Society (CED 427W), The Pennsylvania State University (University Park, PA).

Oral Conference & Symposium Presentations

- 2023 *Bhide, Shantanu Vidyadhar, Stanley B. Grant, Megan Rippy, Sujay Kaushal, and **Hannah Whitley**. “Transit times link sodium sources to drinking water quality in a One Water system.” American Geophysical Union Annual Meeting (San Francisco, CA).
- 2023 **Whitley, Hannah**. “Historical Contention Over Natural Resources in the ‘State of Jefferson’ and its Effects on Contemporary Water Governance Processes.” Annual Meeting of the Rural Sociological Society (Burlington, VT).
- 2023 **Whitley, Hannah**. “A Situational Analysis of Water Allocation Processes and Outcomes in the Klamath Irrigation Project (USA).” Annual Meeting of the Rural Sociological Society (Burlington, VT).
- 2023 **Whitley, Hannah**. “‘We don’t talk about that kind of bullshit here’: A call to examine the impact of water scarcity on mental health and mental health care in rural agricultural communities.” European Society for Rural Sociology Congress (Rennes, France).
- 2023 **Whitley, Hannah**. “Unlikely Allies: Building Community Between Birders and Agricultural Irrigators Amid Intense Socio-political Conflict in the Western U.S.” International Association for Society and Natural Resources Conference (Portland, ME).
- 2023 **Whitley, Hannah**. “Stakeholder Engagement within Water Governance Processes in the Klamath Basin (USA): A Power theory-based Analysis.” International Association for Society and Natural Resources Conference (Portland, ME).
- 2023 **Whitley, Hannah**. “The Ag in the Basin Photovoice Project: Stories of Strength and Struggle in One of America’s Most Contentious Watersheds.” The Agriculture, Food, and Human Values Society Conference (Boston, MA).
- 2023 **Whitley, Hannah**. “A Practical Guide to Photovoice: Using Pictures and Storytelling to Document Your Farm’s Struggles & Strengths.” World Ag Expo (Tulare, CA).
- 2022 **Whitley, Hannah**. “Agricultural Water Users’ Preparation for and Reaction to Klamath Project Water Governance During the 2022 Water Year.” Rural Studies Student Conference (University Park, PA).
- 2022 **Whitley, Hannah**. “Equitable Representation for All?: Water Governance in the Klamath Project During the 2022 Water Year (USA).” International Association for Society and Natural Resources Conference (virtual).
- 2022 **Whitley, Hannah**. “An Institutional Analysis of Irrigation Governance in the Upper Klamath Basin (Oregon, USA).” World Interdisciplinary Network for Institutional Research Conference (virtual).
- 2022 **Whitley, Hannah**. “Historical Contention over Natural Resources in the ‘State of Jefferson’ and its Effects on Collaborative Governance.” Pacific Sociological Association Annual Meeting (Sacramento, CA).

- 2021 **Whitley, Hannah.** “Ethnography in Progress: How Regional Separatism Influences Collaborative Water Governance.” Rural Studies Student Conference (virtual).
- 2021 **Whitley, Hannah.** “‘Growing food and growing minds’: Urban Agriculture as a Method of Community Development, Social Activism, and Liberatory Education.” Graduate Student Exhibition, The Pennsylvania State University (virtual).
- 2020 **Whitley, Hannah.** “Factors Affecting the Profitability, Productivity, and Sustainability of Socially Disadvantaged Urban Agriculture Operations in Pittsburgh, Pennsylvania.” Urban Food Systems Symposium (virtual).
- 2020 **Whitley, Hannah.** “‘Outsiders within’ the urban farm: Exploring identities, lived experiences, and self-identified needs of Black women agriculturalists in Pittsburgh, PA.” Annual Meeting of the Rural Sociological Society (virtual).
- 2020 **Whitley, Hannah,** Weston M. Eaton, Kathryn Brasier, Jodi Delozier, and Mark Burbach. “Developing and applying a conceptual framework to identify the ‘participatory culture’ of farm stakeholders.” Annual Meeting of the Rural Sociological Society (canceled due to COVID-19).
- 2020 *Eaton, Weston M., Kathryn Brasier, Anil Chaudhary, Cheryl Burkhart-Kriesel, Amber Wutich, **Hannah Whitley,** Jodi Delozier, Mark Burbach, Clare Hinrichs, and Clinton Williams. “Social science for and on stakeholder engagement: Navigating tensions across practical and scholarly purposes.” Annual Meeting of the Rural Sociological Society (canceled due to COVID-19).
- 2020 **Whitley, Hannah.** “‘It really shouldn’t be that hard’: Challenges Experienced by Historically Underserved Agriculturalists in Pittsburgh, PA.” The Study of Food and Society & The Agriculture, Food, and Human Values Society Conference (canceled due to COVID-19).
- 2020 **Whitley, Hannah.** “Exploring the Intersectional Experiences and Identities of Black Women Agriculturalists in Pittsburgh, PA.” The Study of Food and Society & The Agriculture, Food, and Human Values Society Conference (canceled due to COVID-19).
- 2020 **Whitley, Hannah.** “‘Growing food and growing minds’: Urban Agriculture as a Method of Community Development, Social Activism, and Liberatory Education.” Pacific Sociological Association’s Annual Meeting (canceled due to COVID-19).
- 2019 **Whitley, Hannah.** “Supporting Historically Underserved Urban Agriculturalists: What do Growers Want to See?” Rural Studies Student Conference (University Park, PA).
- 2019 **Whitley, Hannah.** “Using Photovoice to Learn from Women Farmers, Growers, Food Activists and Advocates in Pittsburgh.” Annual Meeting of the Rural Sociological Society (Richmond, VA).
- 2019 **Whitley, Hannah.** “Photovoice as a Tool for Effective Extension Education.” Photovoice Conference for Academic Researchers (Muncie, IN).

- 2019 *Brasier, Kathryn, Weston M. Eaton, **Hannah Whitley**, and Elyzabeth Engle. “Cultures of collaboration: Informing future engagements with insight from stakeholders’ culture of participation.” International Symposium on Society and Resource Management (Oshkosh, WI).
- 2019 *Eaton, Weston M., Kathryn Brasier, Mark Burbach, Elyzabeth Engle, and **Hannah Whitley**. “A Conceptual Model for Assessing Whether and How Community-led Engagement Builds Community Capacity to Address Complex Environmental Challenges in Agricultural Landscapes.” International Symposium on Society and Resource Management (Oshkosh, WI).
- 2019 *Chaudhary, Anil Kumar, Weston M. Eaton, Kathryn Brasier, Elyzabeth Engle, and **Hannah Whitley**. “Exploring Social Network Analysis as a Resource for Supporting Community-Led Stakeholder Engagement to Manage Water and Agricultural Challenges in Rural Communities” International Symposium on Society and Resource Management (Oshkosh, WI).
- 2018 *Brasier, Kathryn, Patty Neiner, Carolyn Sachs, Kathleen Sexsmith, **Hannah Whitley**, Michaela Hoffelmeyer, and Mary Barbercheck. “Connecting Diverse Rural and Urban Farmers.” Beginning Farmers and Ranchers Development Program, Project Directors’ Meeting (Albuquerque, NM).
- 2017 *Hoffelmeyer, Michaela, Kathleen Sexsmith, Kathryn Brasier, **Hannah Whitley**, and Elisabeth Garner. “Farming Against the Grain: A Spatial and Temporal Analysis of U.S. Women Farmers, 1997-2012.” Annual Meeting of the Rural Sociological Society (Portland, OR).
- 2017 **Whitley, Hannah**. “Female Farmers of Color in Urban Pennsylvania: Confronting Intersectional Barriers Through Photovoice.” Rural Studies Student Conference (University Park, PA).
- 2017 **Whitley, Hannah**. “Political Strategy or Spiritual Confrontation?: A Critique of ‘Religion’ in Jurgensmeyer’s *Terror in the Mind of God*.” Pacific Northwest Undergraduate Religious Studies Conference (Corvallis, OR).
- 2016 **Whitley, Hannah**. “Community Reactions to Extreme Weather Events: A Case Study.” Oregon State University’s Undergraduate Research Symposium (Corvallis, OR).
- 2016 **Whitley, Hannah**. “Support for Capital Punishment: The Role of Parenthood and Suburbanism in Death Penalty Opinions.” American Sociological Association Annual Meeting (Seattle, WA) and Pacific Sociological Association’s Annual Meeting (Oakland, CA).

Organized Sessions & Panels

- 2023 Eaton, Wes, Curt Davidson, Jill Weiss, Lauren Redmore, **Hannah Whitley**, and Emily Reinhardt. “Navigating Conflict in Natural Resource Recreation: Toward an Updated Research and Practice Agenda.” International Association for Society and Natural Resources (Portland, ME).

Poster Presentations

- 2023 **Whitley, Hannah.** “A Power-based Analysis of 2021-2022 Water Year Actions and Outcomes in the Klamath Project (USA).” Annual Meeting of the Rural Sociological Society (Burlington, VT).
- 2022 **Whitley, Hannah.** “Irrigated agriculturalists' perceptions of and adaptations to water scarcity in the Klamath Project (USA).” American Water Resources Association, Annual Water Resources Conference (Renton, WA).
- 2021 **Whitley, Hannah.** “‘Growing food and growing minds’: Urban Agriculture as a Method of Community Development, Social Activism, and Liberatory Education.” Gamma Sigma Delta Research Expo, The Pennsylvania State University (virtual).
- 2020 **Whitley, Hannah,** Kathryn Brasier, and Weston Eaton. “Evaluating Household and Farmer Perceptions of Support Organizations and Willingness to Change Farm/Landscaping Practices for Improved Water Quality in Pennsylvania.” Annual Meeting of the Rural Sociological Society (canceled due to COVID-19).
- 2017 **Whitley, Hannah.** “Community Reactions to Extreme Weather Events: the 2012 St. Louis Heatwave.” Oregon State University, Celebration of Undergraduate Excellence (Corvallis, OR) and Pacific Sociological Association’s Annual Meeting (Portland, OR).
- 2016 **Whitley, Hannah.** “Community Reactions to Extreme Weather Events: Mixed-Methods Research in Progress.” Oregon State University, Celebration of Undergraduate Excellence (Corvallis, OR).
- 2015 **Whitley, Hannah.** “The Myth of ‘Faculty Diversity’ in Sociology, Political Science, and Chemistry Departments on the West Coast.” Oregon State University, Celebration of Undergraduate Excellence (Corvallis, OR) and Pacific Sociological Association’s Annual Meeting (Long Beach, CA).

Community Presentations

- 2022 **Whitley, Hannah.** “The Ag in the Basin Photovoice Project: Community Insights on Upper Klamath Basin Water and its Governance.” Klamath County Library – Main Branch (Klamath Falls, OR).
- 2020 **Whitley, Hannah.** “Sustainable Urban Agriculture: What Do Growers Want to See?” Pennsylvania Association for Sustainable Agriculture Conference (Lancaster, PA).
- 2019 **Whitley, Hannah.** “Art and Urban Agriculture.” Three Rivers Urban Soils Symposium (Pittsburgh, PA).

Campus & Department Talks

- 2023 **Whitley, Hannah.** “Control, Coercion, and ‘Collaboration’: A Power Theory-Based Analysis of Water Governance Processes and Outcomes in the Klamath Basin (USA).” School of Public and International Affairs Seminar Series, Virginia Tech.

- 2023 **Whitley, Hannah.** “What’s a Rural Sociologist Doing in an Engineering Department?” Center for the Enhancement of Engineering Diversity Hypatia/Galileo Seminar Series, Virginia Tech.
- 2023 **Whitley, Hannah.** “Navigating Agricultural Irrigation and Governance in the Klamath Project: Insights from the 2022 Water Year.” The Via Department of Civil and Environmental Engineering Seminar Series, Virginia Tech.
- 2023 **Whitley, Hannah.** “Reflections on 15 Months of Ethnographic Fieldwork in the Klamath Basin.” Water Cooler Discussion Series, Penn State Association of Water Students, The Pennsylvania State University.
- 2022 **Whitley, Hannah.** “Agricultural Water Users’ Preparation for and Reaction to Klamath Project Water Allocation During the 2022 Water Year.” School of Public Policy Brown Bag Series, Oregon State University.
- 2022 **Whitley, Hannah.** “The Ag in the Basin Photovoice Project: Participatory Research with Farmers & Ranchers During Contentious Times.” People & Nature Seminar Series, Oregon State University.
- 2022 **Whitley, Hannah.** “Historical Contention in the ‘State of Jefferson’ & its Effects on Collaborative Water Governance.” Rural Sociology Brown Bag Series, The Pennsylvania State University.
- 2022 **Whitley, Hannah.** “Upper Klamath Basin Water Governance: An Institutional Analysis In-Progress.” School of Public Policy Brown Bag Series, Oregon State University.
- 2022 **Whitley, Hannah.** “Stakeholder Engagement in Water Resource Management: A Systematic Review of Definitions, Practices, and Outcomes.” Water for Agriculture Brown Bag Series, The Pennsylvania State University.
- 2021 **Whitley, Hannah.** “Secession Fever in the State of Jefferson: How Regional Separatism Influences Collaborative Water Governance Processes and Outcomes.” People & Nature Seminar Series, Oregon State University.
- 2019 **Whitley, Hannah.** “Photovoice Methodology as a Tool for Academic Research.” Rural Sociology Brown Bag Series, The Pennsylvania State University.

PHOTOVOICE PROJECTS & EXHIBITIONS

2022 – 2023

“Nevertheless, We Persist” – The Ag in the Basin Photovoice Project

www.aginthebasin.org

The Ag, Food and Human Values Conference, Boston, MA. May 31-June 2.

Central Oregon Agricultural Show, Redmond, OR. March 24-25.

World Ag Expo, Tulare, CA. February 14-16.

Northwest Agricultural Show, Salem, OR. January 17-20.

Oregon Water Resources Congress, Hood River, OR. November 29-December 1.

Klamath County Library, Klamath Falls, OR. November 1-27.

Rural Studies Student Conference, University Park, PA. October 14.

Tulelake-Butte Valley Fair, Tulelake, CA, September 8-11.

2019 – 2020

“From Blight to Beauty” – The Female Farmer Photovoice Project

www.thefemalefarmerphotovoiceproject.org

Agriculture, Food, and Human Values Conference (canceled due to COVID-19).

West Virginia Urban Agriculture Conference (canceled due to COVID-19).

A Celebration of Seeds: 8th Annual Seed Swap, Pittsburgh, PA, February 22.

Sowing Change Conference on Food Security (canceled due to extreme snow).

PA Association for Sustainable Agriculture Conference, Lancaster, PA. February 5-8.

PA WAgN Annual Symposium, Philadelphia, PA. December 18.

Three Rivers Urban Soils Symposium, Pittsburgh, PA. November 21.

Rural Studies Student Conference, University Park, PA. November 8.

PA WAgN Steering Committee Meeting, Williamsport, PA. October 11.

Urban Farm Tour, Manchester Growing Together Farm, Pittsburgh, PA. September 14.

Homegrown Good Food Fest, Pittsburgh, PA. September 7.

Hannah Whitley’s Thesis Defense, University Park, PA. August 17.

TEACHING EXPERIENCE

Douglas County and Klamath County School Districts, Oregon

PreK-12 Substitute Teacher (2021-2022)

Pennsylvania State University

Comparative Urbanism (writing-intensive course) (S2023), Teaching Assistant, 25 students

Environment and Society (writing-intensive course) (F2019), Teaching Assistant, 20 students

Global Parks and Sustainability (S2023), Teaching Assistant, 250 students

Mediation of Environmental and Public Conflicts (S2023), Teaching Assistant, 52 students

Oregon State University

Academics for Student Athletes (W2016-S2016), Social Science and Humanities Tutor

Culture, Conflict, and Globalization (F2016), Teaching Assistant, 25 students

Introduction to the College of Liberal Arts (S2017), Teaching Assistant, 10 students

Introduction to Sociology (F2015, Su2016), Teaching Assistant, 200 students and 35 students

Undergraduate Writing Center (F2016-W2017), Discussion Facilitator, 10 students

Undergraduate Writing Center (W2014-S2017), Writing Assistant

COMMUNITY ENGAGEMENT EXPERIENCE

2023 – Present Executive Committee on the Occoquan System (ECOS) (Manassas, VA)

2022 – 2023 The Ag in the Basin Photovoice Project (Klamath Irrigation Project, OR and CA)

2021 Co-facilitated 100+ person forum addressing climate impacts in Central Pennsylvania (Virtual)

2019 – 2020 The Female Farmer Photovoice Project (Pittsburgh, PA)

SERVICE TO PROFESSION

Agriculture, Food, and Human Values Society

Student Paper Award Committee (2023-Present)

American Sociological Association

Allan Schnaiberg Outstanding Publication Award Committee (2023)

International Association for Society and Natural Resources

Member, Ethics Committee (2023-Present)

Member, Publications Committee (2021-Present)

Member, Student Affairs Committee (2021-2023)

Rural Sociological Society

Member, Awards and Endowment Committee (2023-Present)

Co-Chair, Natural Resource Research Interest Group (2021-2022)

Graduate Student Representative, Natural Resource Research Interest Group (2019-2021)

Graduate Student Representative, Publications & Communications Committee (2019-2021)

Manuscript Refereeing

Ecology and Society; Energy Research & Social Science; Environmental Science and Policy;

Frontiers in Sustainable Food Systems; Journal of Rural Social Sciences;

Society & Natural Resources

DEPARTMENTAL & UNIVERSITY SERVICE

Virginia Tech

Lead Facilitator, Occoquan Watershed Lab Writing Workshop (2023-Present)

Coordinator, Occoquan Watershed Lab Certificate in Convergence Research (2023-Present)

The Pennsylvania State University

Rural Sociology Graduate Student Mentor Network (2018-2023)

Department Representative, Penn State Association of Water Students (2020-2022)

Judge, Undergraduate Research Exhibition (2020, 2021)

President, Rural Sociology Graduate Association (2019-2020)

Treasurer, Graduates in Women's, Gender, and Sexuality Studies (2018-2019)

Vice President, Rural Sociology Graduate Association (2018-2019)

Organizer, Rural Studies Student Conference (2017, 2018, 2019, 2021)

Oregon State University

Student Member, Public Policy Tenure & Promotion Committee (2017)

Student Member, Anthropology Tenure & Promotion Committee (2017)

President, Sociology Club (2016-2017)

Volunteer Transcriptionist, Reproductive Health Lab (2015-2017)

Vice President, Sociology Club (2015-2016)

Cultural Ambassador, INTO OSU, International Living-Learning Center (2013-2016)

Student Member, Sociology Tenure & Promotion Committee (2015)

Student Member, School of History, Philosophy, and Religion Tenure Committee (2015)

COMMUNITY INVOLVEMENT & OUTREACH

Grant and Scholarship Evaluator, Oregon Community Foundation (2022-Present)

Volunteer, Power to the Polls (2020-Present)

Mentor, Ford Family Foundation Ford Scholars Program (2015-2017)

Participant, Up2UsNow Youth Media Project (2011-2013)

NON-ACADEMIC WORK

Grocer, Elkton Food Center & Deli, Elkton, OR (2020)

Ambassador, College of Liberal Arts, Oregon State University (2014-2017)

Radio DJ, KBVR FM, Corvallis, OR (2017-2018)

Intern, Family Relief Nursery, Cottage Grove, OR (2013)

Barista + Waitress, Tomaselli's Pastry Mill & Café, Elkton, OR (2009-2014)

PROFESSIONAL DEVELOPMENT, WORKSHOPS & TRAININGS

Engagement and Mediation

Penn State Extension, BEST (Bettering Extension through Student Training) Training (2023)

Oregon State University, Water Conflict Management and Transformation Short Course (2021)

American Water Resources Association, Water Conflict Management Workshop (2020)

Advancing Scholarship of Engagement in Working Landscapes Workshop Series (2020-2022)

Intergenerational Leadership Institute, Intergenerational Studies Short Course (2018)

Research Methods

Comitas Institute for Anthropology, Ethnographic Field School, Columbia University (2022)

Congress of Qualitative Inquiry, Situational Analysis & Visual Data Analysis Workshop (2022)

PhotoVoice (London, UK), Introduction to Participatory Photography Workshop (2019)

Oregon State University, Ethnographic Field School (2015)

Teaching

Oregon State University, Linguistic Inclusiveness Professional Learning Community (2022)

Pennsylvania State University, Race Equity in Agriculture Teaching Community (2021-2022)

Oregon State University, Writing Intensive Curriculum (WIC) Faculty Seminar Series (2021)

Schreyer Institute for Teaching Excellence, Online Teaching Certificate (2019)

American Sociological Association, Student Forum Professional Development Certificate (2018)

Schreyer Institute for Teaching Excellence, Foundations in Instruction Series (2017)

PROFESSIONAL MEMBERSHIPS

The Agriculture, Food, and Human Values Society

American Sociological Association

Sections: Environmental Sociology, Sociological Practice and Public Sociology,

Teaching and Learning in Sociology

International Association for Society and Natural Resources

Rural Sociological Society

RIGs: Gender and Sexuality, Natural Resources, Sociology of Agriculture and Food