

GABRIELLE E. ROESCH-MCNALLY
CURRICULUM VITAE

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SKILLS & EXPERTISE

- Over a decade of extension and outreach experience with diverse stakeholders, including expertise in:
 - Programming with youth, adults, tribes, and community members in rural and suburban areas on the topics of natural resource management and stewardship (Extension Forestry, Sustainable Agriculture, Climate Change, and 4-H)
 - Leadership and design of the Snohomish County Carbon Master's Program with Washington State University Extension
 - Engagement and training of over 20 extension professionals in the U.S. Corn Belt to develop and administer a qualitative interview protocol
 - Partnership with OSU's Dry Farming Collaborative on mapping participatory and coproduction methods for conducting climate adaptation research and extension
 - Publications and presentations focused on extension and outreach audiences
- Over a decade of social science experience, including expertise in:
 - Management of human subjects approval via Institutional Review Board processes at 5 different U.S. institutions
 - Research design and administration of rigorous survey instruments and qualitative protocols for focus groups, case studies and interviews
 - Mixed methods skills in both quantitative statistical analyses and qualitative analyses
 - Knowledge of and use of theoretical and conceptual frameworks based on relevant social science theory
 - Mentored undergraduate and graduate students in social science research
- 11+ years of collaborative and interdisciplinary engagement with diverse stakeholders and colleagues to accomplish extension and outreach goals, decision support tools, and research projects leading to peer review manuscripts and extension publications.
- Commitment to engaging diverse stakeholders in rural and socioeconomically disadvantaged communities as well as a larger commitment to undoing racism and creating just and diverse collaborative relationships. Completed trainings specifically in unconscious bias, diversity, equity, and inclusion, and undoing institutionalized racism.

EDUCATION

Ph.D. Sociology and Sustainable Agriculture, Iowa State University,
Dissertation: *Agricultural Transformations: Climate change adaptation and farmer decision making*, 2016.

M.S. Forestry, University of Washington, Thesis: *Voluntary vs. Mandatory Payment Mechanisms for the Provision of Forest Ecosystem Services: A Discrete Choice Analysis of Washington and Oregon Households*, 2011.

B.A. Social Justice through Environmental Advocacy, Fairhaven College, Western Washington University, 2005.

PROFESSIONAL EXPERIENCE

2021- Courtesy Faculty, Oregon State University, School of Language, Culture and Society, Corvallis, OR.

2019- Director, Women for the Land Initiative, American Farmland Trust, Seattle, WA.

2016-2019 USDA Northwest Climate Hub Postdoctoral Fellow, Corvallis, OR. National leadership on sociological research efforts across multiple USDA Climate Hubs. University, agency, and stakeholder centered research, extension and outreach project leadership. Broad social-ecological systems partnerships focused on regional climate change adaptation and mitigation efforts. Current efforts include, review article on decision support tool design/development best management practices and lead administrator for national survey of NRCS and FSA staff perspectives on climate change and professional development needs for climate-related technical guidance (<https://www.climatehubs.oce.usda.gov/hubs/dr-gabrielle-roesch-mcnally-northwest-climate-hub-fellow>).

2017-18 Author and collaborator on Northwest chapter for the Fourth National Climate Assessment, US Global Climate Research Program. Lead contributor for Key Message #1 focused on natural resource livelihoods in the Northwest. Attended stakeholder engagement and author team brainstorming meetings. Engaged authors from other chapters to harmonize agriculture, rural livelihoods, and frontline community impacts messaging.

2016-18 Guest Editor (Co-editors Rebecca Schewe (Syracuse University); Andrea Basche (USDA NIFA)) for Special Issue on Climate, Agriculture and Food Systems, for the journal *Renewable Agriculture and Food Systems*.

2012-16 Research Assistant, USDA National Institute of Food and Agriculture grant project, Iowa State University, Ames. Protocol development and team lead for qualitative data collection procedure across nine states and coordination of twenty extension interviewers. Survey analysis and development of scholarly outputs associated with research project.

- 2014-15** Graduate Student Leadership Team Representative, Cropping Systems Coordinated Agricultural Project, USDA-NIFA “Corn CAP” (www.sustainablecorn.org). Leadership and development of graduate student professional development workshop in Washington D.C., October 2015 for ~40 interdisciplinary next generation scientists; this workshop integrated a poster session at USDA Headquarters, legislative session and career development panel presentation.
- 2013-15** Editor and Managing Editor for *Journal of Critical Thought and Praxis*, Iowa State University
- 2007-12** Program Coordinator, Washington State University Snohomish County Extension. Created, managed and implemented the citizen science program Carbon Masters. Developed and implemented social science research program. Developed the nationally recognized 4-H Fish and Forest Stewardship program and engaged students, volunteers, and community members in the field of environmental education and habitat restoration.
- 2010-12** Consultant, Northwest Environmental Forum, University of Washington, Seattle, WA. Technical writing of policy briefs based on regional Northwest Environmental Forum annual meeting outputs.
- 2010-11** Research Assistant, USDA National Institutes of Food and Agriculture grant project, University of Washington, Seattle. Management of Human Subjects review approvals for interdisciplinary study on forest ecosystem services. Administration, design and analysis of survey and focus group research.

HONORS AND AWARDS

- 2021** **Roesch-McNally, G.E.** and Jennifer Moore-Kucera. 2020. Terraton Indigo Challenge. Reward Track for innovations in GHG emission reductions and carbon sequestration on agricultural land. Incubator challenge, \$20,000 award as a finalist.
- 2020** Best Research Paper for Impact and Quality Award, Soil and Water Conservation Service for the following research paper: Arbuckle, J.G., and **G. Roesch-McNally**. 2015. Cover crop adoption in Iowa: The role of perceived practice characteristics. *Journal of Soil and Water Conservation* 70(6):418-429, [doi:10.2489/jswc.70.6.418](https://doi.org/10.2489/jswc.70.6.418).
- Roesch-McNally, Gabrielle**. Foundation Award from the Washington Women Climate Action Now Fund, Award for best submission. \$5000. (01/15/2020)

Roesch-McNally, G.E. and Jennifer Moore-Kucera. 2019. Terraton Indigo Challenge. Reward Track for innovations in GHG emission reductions and carbon sequestration on agricultural land. Incubator challenge, \$500 award and opportunity to compete for more funding. <https://www.indigoag.com/the-terraton-challenge>

- 2019** Early Career Scholar Award for PNW Research Station, U.S. Forest Service U.S. Department of Agriculture
- 2018** Certificate of Merit award for outstanding performance, U.S. Forest Service, U.S. Department of Agriculture.
- 2017** Certificate of Merit award for outstanding performance, U.S. Forest Service, U.S. Department of Agriculture.
- 2016** Certificate of Merit award for “outstanding performance in strengthening partnerships, publishing findings, communicating with stakeholders and contributing significantly to product and outcomes for the USDA Northwest Climate Hub”, U.S. Forest Service, U.S. Department of Agriculture.
- 2016** Research Excellence Award for distinction in research (\$500 competitive award), Iowa State University
- 2015** Graduate Program in Sustainable Agriculture Third Place Poster Contest Winner for poster entitled, *Cover crops as a gateway to greater conservation in Iowa? Integrating crop models, field trials, economics and farmer perspectives regarding soil resilience in light of climate change*
- 2015** Marvin B. Lind Scholarship in Rural Sociology (\$1,500 competitive award), Iowa State University
- 2015** Print and Grace Powers Hudson Scholarship in Agriculture (\$1,000 competitive award), Iowa State University
- 2015** Preparing Future Faculty Associate, Iowa State University
- 2014** Live Green! Award of Excellence in Sustainability (Acknowledging the Sustainable Agriculture Student Association during my tenure as Co-President for the development of the Food at First Garden project), Iowa State University
- 2014** Marvin B. Lind Scholarship in Rural Sociology (\$3,000 competitive award), Iowa State University
- 2011** Program of Distinction Award for 4-H Fish and Forest Stewards (\$4,500 competitive award), USDA National Institute for Food and Agriculture (http://www.nifa.usda.gov/nea/family/res/pdfs/4_h_database/FishandForestStewards2011.pdf)

- 2010** Xi Sigma Pi Honors Award, University of Washington
- 2003** Adventure Learning Fellowship (\$15,000 competitive scholarship to study food insecurity in Zambia and Ethiopia), Western Washington University

GRANTS AND CONTRACTS

Competitive External Grants Funded

Roesch-McNally, Gabrielle and Addie Candib. 2022-2023. Advancing Climate Resilience with Women Ranchers in Northeast Oregon. Oregon Conservation Innovation Grant, USDA NRCS, \$124,698.

Roesch-McNally, Gabrielle and Addie Candib. 2022-2025. Veteran Women for the Land will shed light on the unique experiences of farmers and farmland owners who are navigating the complex intersection of gender identity and veteran's status. USDA NIFA Award, AgVets program, GRANT13327449, \$635,273.

Moore, Jennifer, Michelle Perez, and **Gabrielle Roesch-McNally.** 2021-2026. Conquering Cover Crop Challenges from Coast to Coast. On-Farm Conservation Innovation Grant, NRCS, \$2,627,531.

Roesch-McNally, G.E. and Andrea Basche. 2018. Soil as a social ecological feedback: Mapping the social and ecological processes for agroecosystem resilience in the era of climate change. National Socio-Environmental Synthesis Center (SESYNC), Pursuit proposal, Environmental Dynamics and Food Systems. Funding received from the National Science Foundation DBI-1639145 ~\$100,000. <https://www.sesync.org/project/propose-a-pursuit/soil-as-a-social-ecological-feedback-mapping-the-social-and-ecological>

Miguez, Fernando, John Tyndall, J. Arbuckle, Andrea Basche and **Gabrielle Roesch.** 2013. Covering the Ground: A transformative approach to scientific learning for greater cover crop adoption in Iowa. Leopold Center for Sustainable Agriculture. \$13,000. (03/1/2014-09/1/2015).

Bertolotto, Chrys and **Gabrielle Roesch.** 2008. AmeriCorps Project Member. Workforce Development Council Grant Snohomish County. \$20,000. (9/1/08-8/1/09).

Ferris, Jana and **Gabrielle Roesch.** 2008. No Child Left Inside: Outdoor Education and Recreation Grant Program. Washington State Parks and Recreation Commission. \$45,000. (9/1/08-8/1/09).

Zobrist, Kevin, **Gabrielle Roesch** and Chrys Bertolotto. 2007. Fish and Forest Stewards Program. Stillaguamish Tribe Natural Resources Committee. \$15,000. (9/1/07-9/1/10).

Competitive Invitation-Only Grants

Roesch-McNally, Gabrielle. 2021 (potential multi-year funding). Building Parity and Power Among Women in Agriculture to Catalyze Regenerative Agriculture on More Land.” Patagonia Regenerative Agriculture RFP: Invite Only, \$30,000.

Roesch-McNally, G.E. 2020. Women for the Land in North Carolina and Kentucky. Hearst Foundation, \$100,000.

Schattman, Rachel, Andrea Basche, and **Gabrielle Roesch-McNally.** 2020 - 2022: General Mills Inc. Enhancing adoption of regenerative agriculture practices in U.S. Wheat farming systems. \$200,000 (09/01/2020-09/30/2022).

Roesch-McNally, G.E., Jennifer Filipiak, Anelkis Royce. Women for the Land Cooperative Agreement with NRCS. Funds for FY 2020, \$300,000.

Roesch, Gabrielle and Curt Moulton. Snohomish County Public Works Surface Water Management, Stewardship Program Contract for Services. \$3,000. (3/1/12-5/31/12).

Moulton, Curt and **Gabrielle Roesch.** Snohomish County Public Works Surface Water Management, Lakes Program Contract for Services. \$12,000. (12/1/11-12/31/12).

Roesch, Gabrielle and Curt Moulton. Carbon Masters Project Funding. Puget Sound Clean Air Agency. \$18,000. (8/1/10-7/30/12).

Internal Funding Secured

Roesch-McNally, G.E. 2018. Healthy Soils, Healthy Region regional meeting. Funding secured from NIDIS (National Institute for Drought Information Systems)/NOAA to augment Western SARE funds generated for regional meeting. Meeting held in Pendleton, OR, February, 2019. \$15,000.

Roesch-McNally, G.E., Alex Stone, and Amy Garrett. 2019. Dry Farming as a Drought Response: Soil Health Explorations in Dry Farm Contexts, Oregon. Funding secured from NIDIS (National Institute for Drought Information Systems)/NOAA to fund research in FY 2019-2021. \$28,500.

RESEARCH & EXTENSION PUBLICATIONS

Refereed Articles

2021

Parks, Melissa, **Gabrielle Roesch-McNally,** and Amy Garrett. Forthcoming. Scientific and Experiential Knowledges in Participatory Research: A Case Study of Dry Farmers in Oregon. *Journal of Agriculture Food Systems and Community Development.*

Basche, Andrea, Kate Tully, Nora Alvarez-Berrios, Julian Reyes, Laura Lengnick, Tabitha Brown, Jennifer Moore-Kucera, Rachel Schattman, Lana Koepke Johnson, and **Gabrielle Roesch-McNally**. 2021. Are conservation programs enhancing adaptive capacity and resilience of U.S. agriculture? Evaluating national investment and participation in soil health practices. Journal: *Frontiers in Sustainable Food Systems*, Special Issue. <https://doi.org/10.3389/fsufs.2020.547876>

2020

Wiener, S., **G.E. Roesch-McNally**, R. Schattman, M. Niles. 2020. USDA field staff as climate advisors: How ready, willing, and able are they? *Journal of Soil and Water Conservation* 75(1):62-74. <http://www.jswnonline.org/content/75/1/62.abstract>

Roesch-McNally, Gabrielle, Mike Chang, Meghan Dalton, Scott Lowe, Charlie Luce, Kris May, Gary Morishima, Philip Mote, Sascha Petersen, and Emily York. 2020. Beyond Climate Impacts: Knowledge gaps and process-based reflection on preparing the Northwest regional chapter of NCA4. Invited Review: *Weather, Climate and Society* 12(3):337-350. <https://journals.ametsoc.org/doi/full/10.1175/WCAS-D-19-0060.1>

Maas, Alexander, Chloe Wardropper, **Gabrielle Roesch-McNally**, Erin Brooks, and John Abatzoglou. A (mis)Alignment of Experience and Perceptions of Climate Change in the Inland Pacific Northwest. Journal: *Climatic Change*. <https://link.springer.com/article/10.1007/s10584-020-02713-6>

2019

Jones, Kristal, Jesse Abrams, Jodi Brandt, Antonio J. Castro, Brian Chaffin, **Gabrielle Roesch-McNally**, Kenny Wallen. The American West as a social-ecological region: Drivers, dynamics and implications for nested social-ecological systems. *Environmental Research Letters*. <https://iopscience.iop.org/article/10.1088/1748-9326/ab4562/meta>

Niles, M., S. Wiener, R. Schattman, **G. Roesch-McNally**, and J. Reyes. 2019. Seeing Isn't Always Believing: Crop Loss and Weather Variability, Climate Change and Adaptation Perceptions among USDA Employees. *Environmental Research Letters*. Online first: <https://iopscience.iop.org/article/10.1088/1748-9326/aafbb6>.

2018

May, C., C. Luce, J. Casola, M. Chang, J. Cuhaciyan, M. Dalton, S. Lowe, G. Morishima, P. Mote, A. Petersen, **G. Roesch-McNally**, and E. York, 2018: Northwest. In Impacts, Risks, and Adaptation in the United States: Fourth National Climate Assessment, Volume II [Reidmiller, D.R., C.W. Avery, D.R. Easterling, K.E. Kunkel, K.L.M. Lewis, T.K. Maycock, and B.C. Stewart (eds.)]. U.S. Global Change Research Program, Washington, DC, USA. doi: 10.7930/NCA4.2018.CH24.

Roesch-McNally, G.E. 2018. U.S. Inland Pacific Northwest Wheat Farmers' Perceived Risks: Motivating Intentions to Adapt to Climate Change? Special Issue on Agriculture and Climate

Change with *Environments*, 5(4), 49. doi:10.3390/environments5040049. Online first: <http://www.mdpi.com/2076-3298/5/4/49/htm>.

Roesch-McNally, G.E., J. Gordon Arbuckle and John C. Tyndall. 2018. Barriers to implementing climate resilient agricultural strategies: The case of crop diversification in the U.S. Corn Belt. *Global Environmental Change*, 48:206-215. doi 10.1016/j.gloenvch. Online first: <https://www.sciencedirect.com/science/article/pii/S0959378017306702>

Schattman, R.E., **G.E. Roesch-McNally**, S. Wiener, M.T. Niles, R. Iovanna, M. Carey, and D.Y. Hollinger. 2018. Farm service agency employee intentions to use weather and climate data in professional services. Special Issue on Climate, Agriculture and Food Systems for *Renewable Agriculture and Food Systems*. Online first: <https://doi.org/10.1017/S1742170517000783>

Roesch-McNally, Gabrielle E., J. Gordon Arbuckle and John C. Tyndall. 2018. Soil as social-ecological feedback: Examining the “ethic” of soil stewardship among Corn Belt farmers. *Rural Sociology*, 83(1):145-173. doi.10.1111/ruso.12167. Online first: <http://onlinelibrary.wiley.com/doi/10.1111/ruso.12167/abstract>

Borelli, K.A., **G.E. Roesch-McNally**, J.D. Wulfhorst, S.D. Eigenbrode, G.G. Yorgey, C.E. Kruger, L.A. Bernacchi, L.L. Houston and R.L. Mahler. 2018. Farmers’ Trust in Sources of Production and Climate Information and Their Use of Technology. *Journal of Extension* 56(3): 3FEA7. Available at: <https://www.joe.org/joe/2018june/a7.php>

2017

Dankbar, Hannah, Emily Zimmerman, Carrie Chennault, Andrea Basche, Jacqueline Nester, Maritza Pierre, and **Gabrielle E. Roesch-McNally**. 2017 Lettuce learn: Student reflections on building and sustaining a community donation garden. *Journal of Critical Thought and Praxis*, 6(3):71-85.

Roesch-McNally, Gabrielle E., Andrea Basche, J. Gordon Arbuckle, John C. Tyndall, Fernando Miguez, Troy Bowman and Rebecca Clay. 2017. The trouble with cover crops: Farmers’ experiences with overcoming barriers to adoption. *Renewable Agriculture and Food Systems*, <https://doi.org/10.1017/S1742170517000096>.

Morton, L.W., **Gabrielle E. Roesch-McNally** and Adam Wilke. 2017. Upper Midwest Farmer Perceptions: Too Much Uncertainty about Impacts of Climate Change to Justify Changing Current Agricultural Practices. *Journal of Soil and Water Conservation*, 72(3):215-225, <https://doi.org/10.2489/jswc.72.3.215>.

Roesch-McNally, Gabrielle E., J. Gordon Arbuckle and John C. Tyndall. 2017. What Would Farmers Do? Adaptation intentions under a Corn Belt climate change scenario. *Agriculture and Human Values* 34(2):333-346, <https://doi.org/10.1007/s10460-016-9719-y>.

Yorgey, G., C. Kruger, B. Saari, S.A. Hall, E. Whitefield, N. Embertson, V.P. Jones, K. Rajapogalan, E. Allen, **G.E. Roesch-McNally**, B. Van Horne, J. Abatzoglou, H. Collins, L. Houston, C. Seavert, and T. Ewing. 2017. Agriculture in a Changing Climate: Research and Extension Priorities in the Northwest. *Frontiers in Ecology and Evolution: Agroecology and Land Use Systems*, <https://doi.org/10.3389/fenvs.2017.00052>.

2016

Roesch-McNally, Gabrielle E., and Sergey Rabotyagov. 2016. Are Households Willing-to-Pay for Forest Ecosystem Services in a Private Market? *Environmental Management* 57(3):585-600, <https://doi.org/10.1007/s00267-015-0641-7>.

Roesch-McNally, Gabrielle E., Sergey Rabotyagov, John Tyndall, Gregory Ettl, and Sandor Toth. 2016. Auctioning the Forest: A qualitative approach to exploring stakeholder responses to bidding on forest ecosystem services. *Small Scale Forestry*, 15(3):418-429, <https://doi.org/10.1007/s11842-016-9327-0>.

2015

Arbuckle, J. Gordon and **Gabrielle E. Roesch-McNally**. 2015. Cover Crop Adoption in Iowa: The role of perceived practice characteristics. *Journal of Soil and Water Conservation* 70(6):418-429, <https://doi.org/10.2489/jswc.70.6.418>.

2014

Tyndall, John C. and **Gabrielle E. Roesch**. 2014. Agricultural Water Quality BMPs: A Standardized Approach to Financial Analysis. *Journal of Extension*, Available at: <http://www.joe.org/joe/2014june/a10.php>.

2012

Roesch, Gabrielle E., Tamara Neuffer and Kevin Zobrist. 2012. Summer Youth Forestry Institute. *Journal of Extension*, Available at: <http://www.joe.org/joe/2013october/iw5.php>.

Book Chapters

2019

Roesch-McNally, Gabrielle E., Jamie Benning, Adam Wilke, J. Arbuckle and Lois Wright Morton. 2019. University extension communities of practice: learning, communicating, and engaging on climate change adaptation and mitigation in the United States Corn Belt. In: Lachapelle, P., & D. Albrecht. (Eds.), *Addressing Climate Change at the Community Level in the United States*. New York: Routledge, pp. 180-193.

Benkeblia, N., R.E. Schattman, S. Wiener and **G.E. Roesch-McNally**. 2019. Climate Change and Crop Production: Set the stage for Resilience. Ed. Benkeblia, N. *Climate change and crop production: foundations for agroecosystem resilience*. Boca Raton, FL: CRC Press/Taylor & Francis, pp. 1–23.

2018

Roesch-McNally, Gabrielle E., Jacqueline Nester, Andrea Basche, Eric Christianson, and Emily Zimmerman. Ch. 17: Hunger in the Land of Plenty: Local Responses to Food Insecurity in Iowa. 2018. Eds. Linda Hossfeld, E. Brooke Kelly, and Julia Waity in *Food and Poverty: Food Insecurity and Food Sovereignty among America's Poor*. Nashville: Vanderbilt University Press.

G.E. Roesch-McNally. Fighting for Climate Science. Ch. 6: Climate Envelops All: Fighting Pipelines, Seeking Justice, Saving the Planet. 2018. Eds. Paula vW. Dañl and Betty L. Wells in *We Rise to Resist: Voices from a New Era in Women's Political Action*. Jefferson, NC: McFarland Publishers, pp. 1-285.

Extension, Teaching and Other Technical Writing, Not Peer Reviewed

2021

Roesch-McNally, Gabrielle, Sarah Wiener, Julian Reyes, Caitlin M. Rottler, Jennifer Balachowski and Rachel E. Schattman. 2021. Supporting practitioners in developing effective decision support tools for natural resource managers. *Journal of Soil and Water Conservation, A Section*.

doi:10.2489/jswc.2021.0618A

Petrzelka, Peg, Matthew J. Barnett, **Gabrielle Roesch-McNally**, and Jennifer Filipiak. 2021. Advancing understanding of conservation practices on rented land. *Journal of Soil and Water Conservation, A Section*. <https://www.jswconline.org/content/76/2/35A>

2020

Petrzelka, Peg, Jennifer Filipiak, **Gabrielle Roesch-McNally**, and Matthew J. Barnett. 2020. Understanding and Activating Non-Operator Landowners: Non-Operator Landowner Survey Multi-State Report. American Farmland Trust. www.farmland.org/NOLS

2019

Roesch-McNally, G.E., Jennifer Moore-Kucera, and Cory Owens. 2019. Applying Soil Health Management Systems to Reduce Climate and Weather Risks in the Northwest. *NRCS Factsheet*. Available here: <https://www.climatehubs.oce.usda.gov/hubs/northwest/topic/soil-health-management-reduce-climate-and-weather-risks-northwest>

Roesch-McNally, G.E., A. Garrett, and M. Fery. Willamette Valley Small Farmers: Assessing Climate Adaptation Attitudes. *Renewable Agriculture and Food Systems*. Online first: <https://doi.org/10.1017/S1742170519000267>.

2018

G.E. Roesch-McNally, Andrea Basche and Rebecca Schewe. 2018. Climate change challenges require collaborative research to drive agrifood system transformation. *Renewable Agriculture and Food Systems*, <https://doi.org/10.1017/S1742170518000157>.

Wiener, S., **G. Roesch-McNally** and Rachel Schattman. 2018. National Survey of USDA Field Staff on Climate and Weather Results from a survey of Natural Resource Conservation Service and Farm Service Agency Employees. USDA Climate Hubs: Washington, DC: USDA Climate Hubs. Available here: https://www.climatehubs.oce.usda.gov/sites/default/files/nrcs_fsa_climate_weather_survey_inter

[agency_report.pdf](#) & project website: <https://www.climatehubs.oce.usda.gov/hubs/topic/usda-field-staff-surveys>.

Dubisar, Abbey, and **G.E. Roesch-McNally**. 2018. Representation, Resistance, and Rhetoric: Bananas Catalyze Campus Activism. *Present Tense: A Journal of Rhetoric in Society* 7(10):1-11. Available at: <http://www.presenttensejournal.org/volume-7/representation-resistance-and-rhetoric-bananas-catalyze-campus-activism/>

2017

Seamon, E., **G. Roesch-McNally**, L. McNamee, I. Roth, J.D. Wulfhorst, S. D. Eigenbrode and D. Daley Laursen. 2017. Producer perceptions on climate change and agriculture: A statistical atlas. University of Idaho Agricultural Economic Extension Series 17-01. Available here: <https://www.reacchpna.org/sites/default/files/REACCHStatAtlasWEB.pdf>

Gabrielle E. Roesch-McNally and Holly Prendeville. 2017. Making sense of coproduction: What is it good for? US Forest Service, How-to Leaflet PNW-HT-001, Portland, OR. Available online here: <https://www.climatehubs.oce.usda.gov/content/making-sense-coproduction-what-it-good> & recording from Ecological Society of American IGNITE presentation: [Closing the feedback loop: Engaging stakeholders in coproduction of climate science information](#).

Basche, A. and **G.E. Roesch-McNally**. 2017. Research topics to scale up cover crop use: Reflections from innovative Iowa farmers. *Journal of Soil and Water Conservation*, 72(3):59A-63A, <https://doi.org/10.2489/jswc.72.3.59A>.

2016

Basche, Andrea, **Gabrielle E. Roesch-McNally**, Rebecca Clay, and Fernando Miguez. 2016. Iowa Cover Crop Resource Guide. Iowa State Extension Publication, Available here: <https://store.extension.iastate.edu/Product/Iowa-Cover-Crop-Resource-Guide>.

2014

Roesch-McNally, Gabrielle E. 2014. Special Issue on Food Systems and Social Justice. *Journal of Critical Thought and Praxis* 3(1).

Basche, Andrea D., **Gabrielle E. Roesch-McNally**, Lindsay A. Pease, Christopher D. Eidson, Guy Bou Lahdou, Mike W. Dunbar, Trevor J. Frank, Laura Frescoln, Lei Gu, Ryan Nagelkirk, Jose Pantoja, and Adam Wilke. 2014. Challenges and opportunities in transdisciplinary science: The experience of next generation scientists in an agriculture and climate research collaboration. *Journal of Soil and Water Conservation* 69(6):176A-179A, <https://doi.org/10.2489/jswc.69.6.176A>.

Flora, Cornelia B. and **Roesch-McNally, Gabrielle E.** 2014. Sustainable Agriculture and Social Justice: A Conversation with Dr. Cornelia Flora. *Journal of Critical Thought and Praxis* 3(1).

2013

Oliveira, Caroline, **Gabrielle E. Roesch** and Maria van Der Maaten. 2013. What is the Opposite of a Monoculture? An exploratory study of PFI and Iowa WFAN farmer perspectives on biodiversity. Available with *Women Food and Agriculture Network* here: http://wfan.org/News/Entries/2013/1/30_Winter_2012_Newsletter.html and at *Practical Farmers of Iowa* here: <http://practicalfarmers.org/blog/2013/what-is-the-opposite-of-a-monoculture>.

2012

Boyle, Brian and **Gabrielle E. Roesch.** 2012. Water- A fundamental Environmental Service. Report commissioned by NW Environmental Forum and Washington Department of Natural Resources, Seattle, WA.

Roesch, Gabrielle E. 2012. Focus Group Analysis of Water and Place: We are all connected. Report prepared for WSU Snohomish County Extension and Snohomish County Public Works, Everett, WA.

2011

Roesch, Gabrielle E. with Mary Ann Rozance. 2011. Stillaguamish Lakes Outreach Community Assessment: Lake Howard and Lake Ki. Report prepared for Snohomish County Public Works Surface Water Management, Lakes Management Program, Everett, WA.

Boyle, Brian and **Gabrielle E. Roesch.** 2011. Forest Watershed Services: Forests for Fish, Forests for Faucets. Report commissioned by NW Environmental Forum and Washington Department of Natural Resources, Seattle, WA.

2010

Boyle, Brian and **Gabrielle E. Roesch.** 2010. Changing the Game: We need to transformative strategies to stop forest losses. Report commissioned by NW Environmental Forum and Washington Department of Natural Resources, Seattle, WA.

Under Peer-Review

Manuscripts in Preparation

Roesch McNally, Gabrielle, Rachel E. Schattman, Kristal Jones, Erich Seamon, Julian Reyes, J. Arbuckle, Tabitha Brown, Jennifer Moore-Kucera, Andrea Basche, Nora Alvarez-Berrios, Laura Lengnick, Kate Tully. Socio-Ecological Drivers of Soil Health Practices for Climate Resilience: A Synthesis Approach. Target Journal: *Journal of Soil and Water Conservation*. Target Submission Date Winter 2021

Carter, Angela and **Gabrielle Roesch-McNally**. Gender, Land, and Agricultural Sustainability: Working toward greater equity, inclusion, and justice. Book chapter approved for IASNR *Opening Windows* review.

Lengnick, Laura, Julie Doll, Christopher Lewis, and Gabrielle **Roesch-McNally**. Climate Risk Management Strategies of Diversified Farmers in the U.S.

Social Media & Mixed Media Communications

Roesch-McNally, G.E. 2020. Women Non-operating Landlords; What we are learning about conservation on rented lands. Blog hosted by American Farmland Trust. Available here: <https://farmland.org/advancing-our-understanding-of-conservation-on-rented-lands-national-survey-of-non-operator-landlords/>

Roesch-McNally, G.E. 2020. Women Non-operating Landlords; What we are learning about conservation on rented lands. Blog hosted by American Farmland Trust. Available here: <https://farmland.org/women-non-operating-landlords-what-we-are-learning-about-conservation-on-rented-lands/>

U.S. Forest Service, PNW Research Station. Early Career Scholar video for **Roesch-McNally, G.E.** 2019. Dry Farming in the Pacific Northwest. You Tube video: <https://www.fs.usda.gov/pnw/documents-and-media/dry-farming-pacific-northwest;> <https://www.youtube.com/watch?v=zduCFGusm4Q>

Roesch-McNally, G.E. 2019. Empowering and engaging women is the first step to tackling the problem of climate change and land degradation. Blog hosted by American Farmland Trust. Available here: <https://farmland.org/empowering-and-engaging-women-is-the-first-step-to-tackling-the-problem-of-climate-change-and-land-degradation/>

Roesch-McNally, G.E. 2019. Research shows: To Increase Conservation on America's Farms, Focus on Women Landowners. Blog hosted by American Farmland Trust. Available here: <https://farmland.org/research-shows-to-increase-conservation-on-americas-farms-focus-on-women-landowners/>.

Roesch-McNally, G.E. 2019. Check it out: New Publication- Cultivating Climate Resilience on Farms and Ranches. Blog for AgClimate.net. Available here: <https://www.agclimate.net/2019/02/19/check-it-out-new-publication-cultivating-climate-resilience-on-farms-and-ranches/>

Roesch-McNally, G.E. 2018. Check it out: The State of the Science on Climate Change in Pacific Northwest. Blog for AgClimate.net. Available here: <https://www.agclimate.net/2018/12/04/check-it-out-the-state-of-the-science-on-climate-change-in-the-pacific-northwest/>

G. Roesch-McNally. 2018. Climate Risk and Adaptation in the Inland Pacific Northwest. The Climate CIRCulator. Available here:

<https://climatecirculatororg.wordpress.com/2018/08/23/climate-risk-and-adaptation-in-the-inland-pacific-northwest/>.

G. Roesch-McNally. 2018. To Adapt to Change in the Inland Pacific Northwest, or Not to Adapt. Blog for AgClimate.net. Available here: <https://www.agclimate.net/2018/08/15/to-adapt-to-change-in-the-inland-pacific-northwest-or-not-to-adapt/>.

Basche, A., **G. Roesch-McNally** and R.L. Schewe. 2018. Innovations for Agrifood Resilience. Blog for *Cambridge Press*. Available here: http://blog.journals.cambridge.org/2018/06/19/innovations-for-agrifood-resilience/?utm_source=Twitter&utm_medium=Hootsuite&utm_campaign=RAF_SOCIAL_Blog1_TW

G.E. Roesch-McNally. 2018. Crop Diversity is a Nice Thing if You Can Get It and You Can Get It If You Try. Blog for *Agriculture Climate Network*, Available at: <https://www.agclimate.net/2018/04/10/crop-diversity-is-a-nice-thing-if-you-can-get-it-and-you-can-get-it-if-you-try/>.

G.E. Roesch-McNally. 2018. Crop Diversity: A Nice Thing if You Can Get It (and You Can Get It If You Try). Guest blog for *Union of Concerned Scientists*, Available at: <https://blog.ucsusa.org/science-blogger/crop-diversity-a-nice-thing-if-you-can-get-it-and-you-can-get-it-if-you-try>

Kruzic, Ahna, Andrea Basche, Angie Carter and **Gabrielle Roesch-McNally**. 2017. Public Science Under Attack: Iowa State University's Leopold Center for Sustainable Agriculture. Guest blog for *Food First*, Available at: <https://foodfirst.org/public-science-under-attack-iowa-state-universitys-leopold-center-for-sustainable-agriculture/>

Roesch-McNally, Gabrielle E. 2016. Extending climate change science: Can we learn from Midwest extension lessons? Guest Blog for *AgClimate.net*, Available at: <https://www.agclimate.net/2016/10/05/extending-climate-change-science-can-we-learn-from-the-midwest-extension-lessons/>

Roesch-McNally, Gabrielle E. 2016. Advice for Graduate Students Seeking Mentors. Guest Blog for *Hey Jane* (Sociologists for Women in Society), Available at: <http://www.socwomen.org/wp-content/uploads/Vol-38-RoeschMcNally.pdf>

Roesch-McNally, Gabrielle E. 2016. Corn Belt farmers managing weather related risks through greater soil stewardship. Guest Blog for *Union of Concerned Scientists*, Available at: <http://blog.ucsusa.org/science-blogger/corn-belt-farmers-managing-weather-related-risks-through-greater-soil-stewardship>.

Roesch-McNally, Gabrielle E. and Emily Zimmerman. 2015. Genetic Engineering Breeding Fragility: A call for a diversified agriculture. Guest Blog for *Food Tank*, Available at: <http://foodtank.com/news/2015/12/genetic-engineering-breeding-fragility-a-call-for-diversified-agriculture>.

Roesch, Gabrielle E. 2014. Corn Belt Farmers Respond to Climate Change. Guest Blog for *Union of Concerned Scientists*, Available at: <http://blog.ucsusa.org/corn-belt-farmers-respond-to-climate-change-375>.

Carter, Angela and **Gabrielle E. Roesch**. 2014. Agriculture, Like the Rest of Society, Needs Gender Equity. Published online through *Civil Eats* <http://civileats.com/2014/01/10/agriculture-like-the-rest-of-society-needs-gender-equity/>, *Food Tank* <http://foodtank.com/news/2013/11/agriculture-like-the-rest-of-society-needs-gender-equity>, and *Forked Magazine* <http://forkedmagazine.org/2014/01/20/why-agriculture-like-the-rest-of-society-needs-gender-equity/>.

PRESENTATIONS

Invited Presentations

Roesch-McNally, Gabrielle E. *Women for the Land Learning Circles*. Presentation to Women in Agriculture Conference, hosted virtually by Washington State University Extension. January 25, 2020.

Roesch-McNally, Gabrielle E. *Closing the feedback loop: Engaging stakeholders in coproduction of climate science information*. Presentation to National Forest Service Biologists meeting, Hood River, Oregon. April 17, 2019.

Roesch-McNally, Gabrielle E. *Communicating Change: Engaging land managers in the science and practice of adaptation*. OR Association of Conservation Districts CONNECT meeting, Sunriver, Oregon. April 10, 2019.

Roesch-McNally, Gabrielle E. *Getting to know your local Climate Hub, and more on regional participatory research in climate adaptation*. Climate Impacts Research Consortium, Corvallis, Oregon. March 19, 2019.

Roesch-McNally, Gabrielle E. *Motivating Agricultural Adaptation: Lessons from U.S. Farmers*. Agricultural Climate Adaptation Network, Kamloops, B.C., Canada. December 4, 2018.

Roesch-McNally, Gabrielle E. *Building Climate Resilient Agrifood Systems: Facilitators and barriers*. Oregon State University School of Public Policy, Seminar series, Corvallis, OR. November 1, 2018.

Roesch-McNally, Gabrielle E. *Soil Resilience, Farmer Decision Making and Effective Communication Strategies*. Oregon Soil Science Society annual meeting, Corvallis, OR. March 1, 2018.

Roesch-McNally, Gabrielle E. *Keeping Idaho's Agriculture Competitive in a Changing Climate*. University of Idaho Extension Cereal Schools, 5-meeting series (Southern Idaho). February, 2018.

Roesch-McNally, Gabrielle E. *NCA4: Northwest Chapter Update*. NIDIS- Drought Early Warning bi-monthly webinar series. November 18, 2017.
<https://www.drought.gov/drought/calendar/events/pacific-northwest-drought-climate-outlook-webinar-december-18-2017>

Roesch-McNally, Gabrielle E. *Climate Motivated Action: Inland PNW Wheat Producers Respond to Global Environmental Change*. Presentation to University of Oregon's Sociology Colloquium, Eugene, OR. November 27, 2017.

Roesch-McNally, Gabrielle E. CIRC Engagement: On Outreach, Stakeholder Engagement and Social-Ecological Systems. Presentation to Climate Impacts Research Consortium, November, 2017.

Roesch-McNally, Gabrielle E., Rachel Schattman and Sarah Weiner. *USDA field staff use of climate and weather resources: Perspectives on responding to change*. Presentation to Climate Hub Executive Committee, Washington D.C. July 19, 2017.

Roesch-McNally, Gabrielle E. *Non-Academic Jobs and How to Get Them*. Society for the Study of Social Problems. August 13, 2017.

Roesch-McNally, Gabrielle E. 2017. *Local Ecology-Policy Connections in the Pacific Northwest and Beyond*. Panel discussion at the Ecological Society of America annual meeting. August 8, 2017.

Roesch-McNally, Gabrielle E. What's driving crop diversification? Factors influencing farmers' decision to diversify in the U.S. Corn Belt. Presentation to University of Idaho Department of Natural Resources and Society, April, 2017.

Roesch-McNally, Gabrielle E. *Farmers' climate change beliefs, adaptation and mitigation strategies: Findings from a survey and in-depth interviews with Corn Belt farmers*. Presentation to the American Phytopathological Society- Pacific Division, La Conner WA, June 2016.

Roesch-McNally, Gabrielle E. *Contesting and Critiquing Neoliberalism and the GMO Banana*. Presentation to What Difference Does Rhetoric Make: Activism, Justice, and Social Change course (ENGL 611), Iowa State University, March, 2016.

Roesch-McNally, Gabrielle E., Jackie Nester, Andrea Basche, Eric Christianson, and Emily Zimmerman. *Hunger in the Land of Plenty: Local Responses to Food Insecurity in Iowa*. Presentation to the Graduate Program in Sustainable Agricultural Colloquium (SUSAG 600), Iowa State University, November, 2015.

Roesch-McNally, Gabrielle E. *Agricultural Paradigms and Global Food Insecurity*. Presentation to the Foundations of Sustainable Agriculture course (SUSAG 610), Iowa State University, October, 2015.

Roesch-McNally, Gabrielle E. *Global to Local Hunger: Linkages to a corporate food regime*. Presentation to Environmental Sociology Course, Iowa State University, Ames, IA, March, 2014.

Roesch-McNally, Gabrielle E. and Danica Schieber. *Academic Writing and Publishing: Tips for Graduate Students*. Minorities in Agriculture, Natural Resources and Related Sciences Annual Conference, Ames, IA, October, 2014.

Organized Sessions

Basche, A., Tully, K., Lengnick, L., Moore-Kucera, J., Alvarez-Berrios, N., Bowman, M., Brown, T., Gailans, S., Arbuckle, J., Reyes, J., Schattman, R., Seamon, E., **Roesch-McNally, G.** *Stimulating soil health: What we know about environmental outcomes and the EQIP conservation program*. Agronomy Society and Crop Science Society Annual Meeting, San Antonio, TX, November, 2019. Recording available here:

<https://scisoc.confex.com/scisoc/2019am/meetingapp.cgi/Paper/118387>

Roesch-McNally, Gabrielle E., Erica Kistner-Thomas, Todd Ontl, Julian Reyes, Caitlin Rottler, Rachel Schattman, and Sarah Wiener. *Coproduction in Action: Building collaborative capacity for adaptation in natural resource management*. Working Group at National Adaptation Forum, Madison, WI, April 23-25, 2019.

Roesch-McNally, Gabrielle E. and Sonia Hall. Adaptive Rangeland Management for Climate Resilience. Special plenary session at 2018 NW Climate Conference. Boise, ID, October 10, 2018.

Carter, Angie, **Gabrielle E. Roesch-McNally** and Ahna Kruzic. *Putting the Sociological Imagination into Practice: Place, Power, and Praxis*. Special plenary session at 2018 Annual Meeting of the Rural Sociological Society. Portland, OR, July 28, 2018.

Research Paper Presentations

Parks, Melissa and **Gabrielle Roesch-McNally**. *Scientific vs. Experiential Knowledge of Weather and Climate: A Case Study of Dry Farmers in Oregon*. Society for Applied Anthropology Annual Meeting. Portland, OR, March 19-23, 2019.

Roesch-McNally, G.E., M. Chang, M. Dalton, S. Lowe, G. Morishima, P. Mote, S. Petersen, and Emily York. Beyond Climate Impacts: Reflections on process and knowledge gaps in preparing the Northwest chapter of NCA4. Pacific Northwest Annual Climate Conference. Boise, ID, October 10, 2018.

Roesch-McNally, G.E., S. Wiener, and R. Schattman. *Climate change beliefs, risk perceptions, and use of climate and weather tools: Reporting evidence from a national FSA and NRCS employee survey*. International Society for Sustainable Resource Management. Snowbird, UT, June 21, 2018.

Roesch-McNally, Gabrielle E. *Crop Diversification in the U.S. Corn Belt: A mixed methods analysis*. American Sociological Association. Montreal, Canada, August 15, 2017.

Roesch-McNally, Gabrielle E. and J.D. Wulfhorst. *Climate Motivated Action: Inland PNW Wheat Producers Respond to Global Environmental Change*. Society for the Study of Social Problems. Montreal, Canada, August 13, 2017.

Schattman, R.E., Wiener, S., and **Roesch McNally, Gabrielle E.** *Climate Change Beliefs, Risk Perceptions, and Use of Climate and Weather Tools: Reporting Evidence from a National FSA and NRCS Employee Survey*. Soil and Water Conservation Society Annual Conference. Madison, WI, July 2017.

Roesch-McNally, Gabrielle E. and J.D. Wulhorst. *Risks and Attitudes Towards Adaptation: Lessons from wheat producers*. Presentation to Northwest Climate Conference, Stevenson, WA, November, 2016.

Roesch-McNally, Gabrielle E., J. Gordon Arbuckle and John Charles Tyndall. *Soil health as an integrative concept: Farmer adaptation to climate change and on-farm resiliency*. Presentation to the Soil as Infrastructure Special Session at Dimensions of Political Ecology Annual Conference, Lexington, KY, February, 2016.

Basche, A., **Roesch-McNally, G.**, Clay, R., Tyndall, J., Bowman, T., Arbuckle, J. and Miguez, F.E. *What have we learned from early cover crop adopters?* Oral Presentation. ASA-CCSA-SSSA Annual Meetings, Minneapolis, MN. November 2015.

Arbuckle, J. Gordon Jr. and **Gabrielle E. Roesch-McNally**. *Farmer Perspectives on Soil Health*. Soil and Water Conservation Society Conference, Greensboro, NC, July, 2015.

Roesch-McNally, Gabrielle E., J. Gordon Arbuckle and John C. Tyndall. *Is it the Soil or is it the Weather? Corn Belt farmers' conservation behavior motivations and adaptation strategies*. Rural Sociological Society Annual Conference, Madison, WI, August, 2015.

Roesch-McNally, Gabrielle E., Andrea Basche, J. Gordon Arbuckle, John C. Tyndall, Fernando Miguez, Troy Bowman and Rebecca Clay. *Interrogating Farmer Agency and Structure in Cover Crop Adoption in Iowa*. Midwest Sociological Society Annual Conference, Kansas City, MO, March, 2015.

Roesch-McNally, Gabrielle E., J. Gordon Arbuckle and John C. Tyndall. *What would farmers do? Adaptive management intentions of Corn Belt farmers given a climate change scenario*. Rural Sociological Society Annual Conference, New Orleans, LA, August, 2014.

Roesch-McNally, Gabrielle E., J. Gordon Arbuckle and John C. Tyndall. *What would farmers do? Adaptive management intentions of Corn Belt farmers given a climate change scenario*. Soil and Water Conservation Society Annual Conference, Chicago, IL, July, 2014.

Roesch, Gabrielle E. and Sergey Rabotyagov. *Public Willingness to Participate in an Auction for Forest Ecosystem Services: A Focus Group Analysis in Washington State*. International Symposium on Society and Resource Management, Madison, WI, June, 2011.

Roesch, Gabrielle and Sergey Rabotyagov. *Private vs. Public Provision of Forest Ecosystem Services: A Discrete Choice Analysis*. Western Forest Economists Conference, Mt. Hood, OR, May, 2011.

Roesch, Gabrielle and Sergey Rabotyagov. *Public Willingness-to-Pay for Forest Ecosystem Services and Relative Preferences for a Private or Public Payment Mechanism: A stated*

preference survey of WA and OR households. University of Washington School of Forest Resources Graduate Student Symposium Student Presentation, Seattle, WA, February, 2011.

Extension and Outreach Focus

Roesch-McNally, Gabrielle E. Applying Soil Health Management Systems to Reduce Climate and Weather Risks in the Northwest. *Healthy Soils, Healthy Region meeting*, Pendleton, OR, March 12-14, 2019.

Roesch-McNally, Gabrielle E., Chang, Michael, Sascha Petersen, and Gary Morishima. Northwest Chapter *Update for the 4th National Climate Assessment*. Northwest Tribal Adaptation Network, December 19, 2018.

Roesch-McNally, Gabrielle E. Northwest Chapter *Update for the 4th National Climate Assessment*. PNW DEWS, drought update, December 17, 2018.

Roesch-McNally, Gabrielle E. *Keeping Idaho's Agriculture Competitive in a Changing Climate*. Presentation to University of Idaho's Cereal Schools, February 6-9, 2018.

Chang, Michael, **Roesch-McNally, Gabrielle E.,** and Gary Morishima. Northwest Chapter *Update for the 4th National Climate Assessment*. Affiliated Tribes of Northwest Indians, Tribal Climate Summit, December 13, 2017.

Roesch-McNally, Gabrielle E. *Soil Resilience, Climate Impacts and Farmer Decision Making*. NRCS Oregon, Webinar, October 31, 2017. Recording here: <https://ornrcs.adobeconnect.com/prw9zujxk9ya/> (starting at minute 23:40)

Basche, Andrea and **Gabrielle E. Roesch-McNally**. *The Dirt on Soils and Climate Change*. Union of Concerned Scientists, Webinar, August 24, 2017. <https://ucsusa.adobeconnect.com/pksd0p9dthmd/?launcher=false&fcsContent=true&pbMode=normal>

Roesch-McNally, Gabrielle E. *Closing the feedback loop: Engaging stakeholders in coproduction of climate science information*. Ecological Society of America Annual Conference. August 10, 2017.

Hall, Sonia, **Gabrielle E. Roesch-McNally** and Nichole Embertson. *Climate Change: Are the tools you have what you need?* WADE, Leavenworth, WA, June, 2017.

Clark Seavert and **Gabrielle E. Roesch-McNally**. *AgBiz Climate Decision Support Tool: Help Producers Understand How Changes in the Climate Will Affect Their Bottom Line*. CONNECT, Pendleton, OR, May, 2017.

Roesch-McNally, Gabrielle. *Climate Conversations*. Tap Talks, public talk hosted by Block 15 Brewery. February, 2017. (100 attendees)

Roesch-McNally, Gabrielle. *USDA Pacific Northwest Climate Hub-Tools & Information for Agriculture to Support Adaptation to Climate Change*. Presentation to Oregon Department of Agriculture staff and employees. January, 2017.

Roesch-McNally, Gabrielle. *Communicating Climate Change: Lessons for Extension Outreach.* Webinar presentation for Climate Agriculture and Water Webinar series for extension. Available at: <https://youtu.be/lgDqSLsRIJ8>. June, 2016.

Roesch-McNally, Gabrielle. *Northwest Regional Hub Overview.* Presentation to the Drought Early Warning System webinar series. October, 2016.

Arbuckle, J. Gordon Jr. and **Gabrielle Roesch-McNally.** *Iowa Farmers' Perspectives on Soil Health.* Presentation to the Soil Health Conference: Strategies for Building Soil Health, Ames, IA, February, 2016.

Arbuckle, J. Gordon Jr. and **Gabrielle E. Roesch-McNally.** *Climate and Corn CAP Social Science Results.* Extension Face-to-Face meeting for the Corn-based Cropping Systems Coordinated Agricultural Project Extension Team, Davenport, IA, May, 2015.

Roesch-McNally, Gabrielle E. *USDA Cropping Systems Coordinated Agricultural Project Overview.* Presentation to the Pacific Northwest Climate Hub Strategic Planning Meeting, Portland, OR, February, 2015.

Roesch-McNally, Gabrielle E. and Andrea Basche. *Cover Crop Adoption: Lessons from Iowa.* Presentation to National Wildlife Federation Cover Crops Messaging Summit, Des Moines, IA, February, 2015.

Roesch-McNally, Gabrielle E. *Iowa Farms in a Changing Climate.* Panel presentation at Iowa Practical Farmers of Iowa Annual Conference, Ames, IA, January, 2015.

Arbuckle, J. Gordon Jr. and **Gabrielle E. Roesch.** *Understanding Farmer Perspectives on Climate Change and Adaptation to Increased Weather Variability.* Advisory Board meeting for the Corn-based Cropping Systems Coordinated Agricultural Project, Ames, IA, February, 2014.

Arbuckle, J. Gordon Jr. and **Gabrielle E. Roesch.** *Farmer Perspectives on Cover Crops.* National Wildlife Federation Cover Crop Champions Conference Call, August, 2013.

Roesch, Gabrielle E., J. Gordon Arbuckle Jr. and John C. Tyndall. *What Farmers are saying about Increased Weather Variability.* Corn-based Cropping Systems Coordinated Agricultural Project Annual Meeting, Lafayette, IN, July, 2013.

Roesch, Gabrielle E., J. Gordon Arbuckle Jr. and John C. Tyndall. *Extension Educator Progress on In-Depth Interviews and Data Analysis Procedure.* Corn-based Cropping Systems Coordinated Agricultural Project, Extension Educator Face-to-Face, Monmouth, IL, May, 2013.

Conference Poster Presentations

Schattman, Rachel, **Gabrielle Roesch-McNally,** Sarah Wiener, Meredith T. Niles, Benoit Parmentier, John Cobb, and Sarah Champion. *Socio-Environmental Synthesis: Exploring the relationship between drought and the risk perceptions of USDA employees.* American Geophysical Union, Washington, D.C., December 10-14, 2018.

Parks, Melissa and **Gabrielle Roesch-McNally**. Climate Change Attitudes and Adaptation Among Pacific Northwest Farmers: The Case of the Dry Farming Collaborative. Northwest Climate Conference, Boise, ID, October 9-11, 2018.

Roesch-McNally, Gabrielle E. and Holly Prendeville. *USDA Northwest Climate Hub Overview*. Affiliated Tribes of Northwest Indians, Tribal Climate Summit, December 13, 2017.

Roesch-McNally, Gabrielle E. *AgClimate.net – A New Model for Climate Change Extension*. Adaptation Forum National Conference, Minneapolis-St. Paul, MN, May, 2017.

Roesch-McNally, Gabrielle E., J. Gordon Arbuckle and John C. Tyndall. *Is it the soil or is it the weather? Corn Belt farmers' conservation behavior motivations and adaptations strategies*. Corn-based Cropping Systems Coordinated Agricultural Project Annual Conference, Nebraska City, NE, August, 2015.

Roesch-McNally, Gabrielle E., J. Gordon Arbuckle and John C. Tyndall. *Cover crops as a gateway to greater conservation in Iowa? Integrating crop models, field trials, economics and farmer perspectives regarding soil resilience in light of climate change*. Graduate Program in Sustainable Agriculture Annual Symposium, Ames, IA, April 2015.

Roesch-McNally, Gabrielle E., Andrea Basche, Rebecca Clay, John Tyndall, Troy Bowman, J. Arbuckle and Fernando Miguez. *Cover crops as a gateway to greater conservation in Iowa?: Integrating crop models, field trials, economics and farmer perspectives regarding soil resilience in light of climate change*. American Geophysical Union Fall Meeting, San Francisco, CA, December, 2014.

Clay, Rebecca, **Roesch, Gabrielle E.**, J. Gordon Arbuckle and John C. Tyndall. *Soil health and Cover Crops: Farmer Perspectives on Sustainability*. Corn-based Cropping Systems Coordinated Agricultural Project Annual Conference (sustainablecorn.org), Ames, IA, August, 2014.

Roesch, Gabrielle E., J. Gordon Arbuckle and John C. Tyndall. *What would farmers do? Adaptive management intentions of Corn Belt farmers given a climate change scenario*. Global Food Security Consortium Symposium, Ames, IA, April, 2014.

Roesch, Gabrielle E. and Kevin Zobrist. *Advanced Hardwood Biofuels Northwest*. Managing the Woody Biomass Supply Chain-Impact on Your Business (woodsymposium.wsu.edu), Seattle, WA, April, 2012.

TEACHING EXPERIENCE (*Lead Instructor & Course Design)

January-May 2015 ENV SOC 382: Environmental Sociology*, Iowa State University

March-June 2005 Food Insecurity in Sub-Saharan Africa*, Fairhaven College, Western Washington University

PROFESSIONAL ASSOCIATIONS

- 2019** National Women’s Study Association
- 2012 & 2018** International Association for Society and Natural Resources (IASNR)
- 2014-2017** American Sociological Association, Environmental Sociology Section
- 2013-** Rural Sociological Society, Sociology of Food and Agriculture RIG
- 2013-2017** Society for the Study of Social Problems
- 2014-2016** Soil and Water Conservation Society
- 2010-2012** Xi Sigma Pi

TECHNICAL ADVISORY BOARDS

- 2019-2019** Oregon State University Climate Adaptation Framework technical advisor committee, Salem, OR.
- 2018-2019** Science Advisory Board member for the Mad Farmer Project (<https://www.madfarmer.org>) to support farmers and ranchers interested in soil health and carbon farming
- 2016-2019** Contributor for outreach and extension with social media outlet, AgClimate Network (www.agclimate.net).

MENTORING

- 2021-** External Committee member for Sara Kelemen, University of Maine, M.S. candidate in Sustainable Agriculture
- 2018-** Committee member for Melissa Parks, Oregon State University, PhD candidate in Cultural Anthropology
- 2018-2020** Ad-Hoc advisor for Erin Upton, Portland State University, PhD Candidate in Planning
- 2014-2015** Science with Practice Mentor and Research Assistant Rebecca Clay, Iowa State University, Undergraduate in Agronomy

TRAINING & SERVICE EXPERIENCES

- 2018-2019** Northwest Soil Summit Conference Planning Committee, March 14-16, 2019
- 2017-2018** Northwest Climate Conference Planning Committee, October 9-11, 2018

- 2017-2018** Co-editor with Rebecca Schewe, Syracuse University, and Andrea Basche, Union of Concerned Scientists -Special Issue on Climate, Agriculture and Food Systems for *Renewable Agriculture and Food Systems*.
- 2017** Overcoming Unconscious Bias in the Workplace, U.S. Department of Agriculture *AgLearn* online training module, September 27, 2017
- 2017** Undoing Institutionalized Racism Workshop, People’s Institute for Survival and Beyond, Portland OR, July 13-15
- 2017** Buddhists Responding – Four Part Series on Diversity, Equity and Inclusion with Thomas Bruner, Corvallis, OR.
- 2016** Invited organizer and presider, Global Climate Change Session, Society for the Study of Social Problems, 2016 Seattle
- 2015** Seminar and lecture planning for Philip McMichael event: The Politics of Global Food Security, Iowa State University, October 14-15
- 2015** Co-organizer for public dialogue: Transgenic Bananas? A Dialogue on the Ethics, Impacts, and Alternatives, Iowa State University, March 25
- 2013-2014** Sustainable Agricultural Student Association Co-President, Iowa State University
- 2013-2014** Cropping Systems Coordinated Agricultural Project Conference Planning Committee, Iowa State University
- 2010-2011** School of Environmental and Forest Sciences Curriculum Committee, University of Washington
- 2010-2011** School of Environmental and Forest Sciences Graduate Student Symposium Organizer, University of Washington

COMMUNITY OUTREACH

- 2018** Board Member, Corvallis Environmental Center, Corvallis, OR
- 2012-2016** Community Garden Coordinator and Head Chef, Food at First, Ames, IA
- 2013-2015** Policy Committee Chair, Iowa Farmers Union Board Member, Des Moines, IA
- 2008-2012** Volunteer, Chef, and Organizer, Community Alliance for Global Justice, Seattle, WA

REFERENCES

- Dr. J. Gordon Arbuckle, Professor, Iowa State University, arbuckle@iastate.edu, #515-294-1497
- Dr. John Charles Tyndall, Associate Professor, Iowa State University, jtyndall@iastate.edu, #515-294-4912

- Dr. Jennifer Moore-Kucera, Director Climate Initiative, American Farmland Trust, jmoorekucera@farmland.org, #806-782-3039
- Dr. Holly Prendeville, Coordinator, USDA Northwest Climate Hub, holly.prendeville@usda.gov, #541-750-7300