

Chelsea Schelly, Ph.D., Associate Professor of Sociology
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Michigan Technological University
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EMPLOYMENT

2017-Present Associate Professor of Sociology
Department of Social Sciences
Environmental and Energy Policy Graduate Program
Michigan Technological University
Director of Graduate Studies, 2017-Present

2013-2017 Assistant Professor of Sociology
Department of Social Sciences
Environmental and Energy Policy Graduate Program
Michigan Technological University

EDUCATION

2013 Ph.D., Sociology, University of Wisconsin-Madison
Minor in Science and Technology Studies
Certificate in Humans and the Global Environment (NSF-IGERT)
Preliminary Examination Areas:
 Comparative Historical Sociology; Social Theory
Advisor: Dr. Mustafa Emirbayer
Dissertation Title: "Dwelling in Resistance:
Living with Alternative Technologies in America"

2008 M.A., Sociology, Colorado State University
Certificate in College Teaching
Advisor: Dr. Peter Leigh Taylor
Thesis Title: "Citizen Initiated Democracy as Counter-Hegemony:
Promoting Environmental Sustainability in the Colorado Utilities Industry"

2005 B.A. with honors, Sociology, University of Wisconsin-Madison
Certificate in Environmental Studies

BOOKS (* indicates student collaborator)

Halvorsen, K.E., Schelly, C., Handler, R., Pischke, E.,* Knowlton, J., Eds. 2019. *A Research Agenda for Environmental Management*. Edward Elgar.

Schelly, C., and Banerjee, A.,* Eds. 2018. *Environmental Policy and Pursuit of Sustainability*. Routledge.

Schelly, C. 2017. *Dwelling in Resistance: Living with Alternative Technologies in America*. Rutgers University Press.

Schelly, C. 2014. *Crafting Collectivity: American Rainbow Gatherings and Alternative Forms of Community*. Boulder, CO: Paradigm Publishers. Reprinted by Routledge, 2016

Book reviewed in *Contemporary Sociology*

BOOK CHAPTERS (* indicates student collaborator)

Schelly, C. and Pearce, J.M. (forthcoming 2019). Bridging the Social and Environmental Dimensions of Global Sustainability in STEM Education with Additive Manufacturing. In Ali, N., & Khine, M.S. (Eds). *Integrating 3D printing into teaching and learning: Practitioners' perspectives*. Leiden, the Netherlands: Brill Publishing. In press.

Schelly, C. (2019). Pursuing Sustainable Consumption through Diverse Alternative Economies: A Comparative Examination of Two US Intentional Communities. Page 121-138 in *Sustainable Consumption – Promise or Myth? Case Studies from the Field*. Edited by Jean Leon Boucher and Jukka Heinonen. Cambridge Scholars Publishing.

Sidortsov, R., R. Heffron, and C. Schelly, T.M.Mose, and B. Tarekegne*. (2019). In Search of Common Ground: Energy Justice Perspectives in Fossil Fuel Extraction. In Halvorsen, K.E., Schelly, C., Handler, R., Pishcke, E., and Knowlton, J., Eds. *A Research Agenda for Environmental Management*. Edward Elgar.

Barnett, B.*, E. Prehoda*, A. Kantamneni*, R. Winkler, and C. Schelly. (2019). Sociotechnical Dimensions of Solar Technology Adoption. In Halvorsen, K.E., Schelly, C., Handler, R., Pishcke, E., and Knowlton, J., Eds. *A Research Agenda for Environmental Management*. Edward Elgar.

Abrams, J., D. Cordoba, H. Gorman, C. Schelly, and R. Sidortsov. (2019). Power within and beyond the state: Understanding how power relations shape environmental management. In Halvorsen, K.E., Schelly, C., Handler, R., Pishcke, E., and Knowlton, J., Eds. *A Research Agenda for Environmental Management*. Edward Elgar.

Watkins, D., R. Shwom, C. Schelly, D. Agusdinata, K. Floress, and K.E. Halvorsen. (2019). Household Conservation and the Food-Energy-Water Nexus. In Halvorsen, K.E., Schelly, C., Handler, R., Pishcke, E., and Knowlton, J., Eds. *A Research Agenda for Environmental Management*. Edward Elgar.

Banerjee, A.* and Schelly, C. (2018). When one size does not fit all: Environmental Policy, Social Context, and Social Justice. In Schelly, C., and Banerjee, A.*, Eds. *Environmental Policy and Pursuit of Sustainability*. Routledge.

Banerjee, A.*, and Schelly, C. (2018). Social and political inequality as challenges in technology diffusion: Evidence from government-funded improved cookstove program in rural Mexico. In

Schelly, C., and Banerjee, A.* , Eds. *Environmental Policy and Pursuit of Sustainability*. Routledge.

Kreuze., A.,* Sidortsov, R, and Schelly, C. (2018). The Power of the Talking Points: Persuasive Power and the Challenges of Sustainable Natural Resource Development. In Schelly, C., and Banerjee, A.* , Eds. *Environmental Policy and Pursuit of Sustainability*. Routledge.

Schelly, C. and Banerjee, A.* (2018). Environmental Policy and Pursuit of Just Sustainability. In Schelly, C., and Banerjee, A.* , Eds. *Environmental Policy and Pursuit of Sustainability*. Routledge.

Banerjee, Aparajita*, Chelsea L. Schelly, and Kathleen E. Halvorsen. (2018). Constructing A Sustainable Bioeconomy: Multi-scalar Perceptions of Sustainability. Page 355-374 in Walter Leal Filho, Diana-Mihaela Pociovalisteanu, P. Borges de Brito, and I. Borges de Lima, Eds., *Towards a Sustainable Bioeconomy: Principles, Challenges and Perspectives*. Springer.

Schelly, C. (2016). Everyday Household Practice in Alternative Residential Dwellings: The Non-Environmental Motivations for Environmental Behavior. Pages 265-280 in *The Greening of Everyday Life: Challenging Practices, Imagining Possibilities*. Edited by John Meyer and Jens Kersten. New York: Oxford University Press.

Book reviewed in *Environmental Values*

Schelly, C. (2016). How Policy Frameworks Shape Environmental Practice: Three Cases of Alternative Dwelling. Pages 185-203 in *Putting Sustainability into Practice: Advances and Applications of Social Practice Theories*, edited by Emily Huddart Kennedy, Maurie J. Cohen, and Naomi Krogman. Cheltenham, UK: Edward Elgar.

Book reviewed in *International Social Science Review*

Schelly, C. (2014). Transitioning to Renewable Sources of Electricity: Motivations, Policy, and Potential. Pages 62-72 in *Controversies in Science and Technology, Volume 4*. Edited by Daniel Lee Kleinman, Karen Cloud-Hansen, and Jo Handelsman. New York: Oxford University Press.

PUBLICATIONS (* indicates student collaborator)

Emily Prehoda,* Joshua Pearce, and Chelsea Schelly. (2019) Policies to overcome barriers for renewable energy distributed generation: A case study of utility structure and regulatory regimes in Michigan. *Energies*. 12(4), 674; <https://doi.org/10.3390/en12040674>

Emily Prehoda,* Richelle Winkler, and Chelsea Schelly. (2019). Putting research to action: Integrating collaborative governance and community engaged research for community solar. *Social Sciences* 8(11) doi:10.3390/socsci8010011

Schelly, C. (2018). Bringing the Body into Environmental Behavior: The Corporeal Element of Social Practice and Behavioral Change. *Human Ecology Review*. <https://openresearch-repository.anu.edu.au/bitstream/1885/142831/3/Schelly.pdf>

Rahman, S.M. Mizanur,* Schelly, C., Norman, E.S., and Mayer, A.L. (2018). Breaking Ships to Build a Nation: Uncovering Discursive Framings of the Bangladesh Shipbreaking Industry. *Social Sciences* 7(1), doi:[10.3390/socsci7010014](https://doi.org/10.3390/socsci7010014).

Schelly, C., Louie, E.P.,* and Pearce, J.M. (2017). Examining Interconnection Policy and Net Metering Compensation for Distributed Generation in the United States. *Renewable Energy Focus* 22/23: 10-19. <https://doi.org/10.1016/j.ref.2017.09.002>

Banerjee, Aparajita* Emily Prehoda,* Roman Sidortsov, and Chelsea Schelly. (2017). Renewable, ethical? Assessing the energy justice potential of renewable electricity. *AIMS ENERGY* 5(5): 768-797. doi: 10.3934/energy.2017.5.768

Prehoda, E.,* Schelly, C., and Pearce, JM. (2017). U.S. Strategic Solar Photovoltaic-Powered Microgrid Deployment for Enhanced National Security. *Renewable & Sustainable Energy Reviews* 78: 167-175. <https://doi.org/10.1016/j.rser.2017.04.094>

Banerjee, Aparajita*, Chelsea L. Schelly, and Kathleen E. Halvorsen. (2017). Understanding public perceptions of wood-based electricity production in Wisconsin, United States: place-based dynamics and Social Representations. *Environmental Sociology* 3(4): 381-393. <http://dx.doi.org/10.1080/23251042.2016.1272181>.

Schelly, C. and Banerjee, A.* (2016). Soft Energy Paths Revisited: Politics and Practice in Energy Technology Transitions. *Challenges* 7, 16, doi:10.3390/challe7020016.

Kreuze, A.* Schelly, C, and Norman, E.S. (2016). To Frack or not to Frack: Perceptions of the Risks and Opportunities of High-Volume Hydraulic Fracturing in the United States. *Energy Research and Social Sciences* 20: 45-54. <http://dx.doi.org/10.1016/j.erss.2016.05.010> (cited 21 times as of 4/15/19)

Schelly, C. (2016) Understanding Energy Practices: A Case for Qualitative Research. *Society & Natural Resources* 29(6): 744-749. <http://dx.doi.org/10.1080/08941920.2015.1089613>

Schelly, C. (2015). What's Political about Solar Electric Technology? The User's Perspective. *Engaging Science, Technology & Society* 1: 25-46.

Schelly, C. (2015). Frameworks for Understanding and Promoting Solar Energy Technology Development. *Resources* 4: 55-69.

Schelly, C., Anzalone, G., Wijnen, B.,* and Pearce, J. (2015). Open-Source 3-D Printing Technologies for Empowered and Transformative Education: Bringing Additive Manufacturing to the Classroom. *Journal of Visual Languages and Computing* 28: 226-237. (Cited 92 times as of 4/15/19)

Schelly, C. (2014). Are Residential Dwellers Marking and Claiming? Applying the Concepts to Humans Who Dwell Differently. *Environment and Planning D: Society and Space* 32(4): 672-688.

Schelly, C. (2014). Residential Solar Electricity Adoption: What Motivates, and What Matters? A Case Study of Early Adopters. *Energy Research and Social Science* 2: 183-191.

(Cited 130 times as of 4/15/19)

Schelly, C. (2014). Implementing Renewable Energy Portfolio Standards: The Good, the Bad, and the Ugly in a Two State Comparison. *Energy Policy* 67: 543-551. (Cited 38 times as of 4/15/19)

Schelly, C., and Price, J. (2014). Utilizing GIS to Examine the Relationship Between State Renewable Portfolio Standards and the Adoption of Renewable Energy Technologies. *International Journal of Geo-Information* 3(1): 1-17.

Schelly, C., Cross, J.E., Franzen, W.S., Hall, P., & Reeve, S. (2012). How to Go Green: Creating a Conservation Culture in a Public High School through Education, Modeling, and Communication. *Journal of Environmental Education* 43(3): 143-161. (Cited 65 times as of 4/15/19)

Schelly, C., Cross, J.E., Franzen, W.S., Hall, P., & Reeve, S. (2011). Reducing energy consumption and creating a conservation culture in organizations: A case study of one public school district. *Environment and Behavior* 43(3): 316-343. (Cited 79 times as of 4/15/19)

Alatout, S. & Schelly, C. (2010). Rural Electrification as a "Bioterritorial" Technology: Redefining Space, Citizenship, and Power during the New Deal. *Radical History Review* 107: 127-138.

Schelly, C. (2010). Testing residential solar thermal adoption. *Environment and Behavior* 42(2): 151-170. (Cited 27 times as of 4/15/19)

Zahrn, S., Brody, S.D., Vedlitz, A., Lacy, M.G., & Schelly, C. (2008). Greening local energy: Explaining the geographic distribution of household solar use in the United States. *Journal of the American Planning Association* 74(4): 419-434. (Cited 44 times as of 4/16/19)

OTHER PUBLICATIONS

Schelly, C. (forthcoming). Alternative Technologies and Emancipatory Environmental Practice. Invited contribution for *The Cambridge Handbook of Environmental Sociology*, edited by Katharine Legun, Michael Bell, Michael Carolan, and Julie Keller, to be published by Cambridge University Press.

Schelly, C. (forthcoming 2020). Book Review: *Moral Entanglements: Conserving Birds in Britain and Germany*. Invited review for *American Journal of Sociology*

Schelly, C. (2019). Book Review: *Money in a Human Economy*, by Keith Hart. *Contemporary Sociology* 48(1): 66-68.

Schelly, C. (2016). Unconventional oil and gas: Influence of politics and proximity on perceptions. *Nature Energy*. Invited News and Views contribution October 6: 1-2 (lead article).

Schelly, C. (2016). Book Review: *Engaging the Everyday*, by John M. Meyer. *Contemporary Sociology* 45 (4): 483-484.

Acar, T., Chiles, R., Grainger, G., Luft, A., Mahajan, R., Peschanski, J., Schelly, C., Turowetz, J., and Wall, I.F. (2011). Inside the Wisconsin Occupation. *Contexts* 10(3): 50-55. Reprinted in *Inside, at Night – Origins of an Uprising*. (2012). Madison, WI: Tamarack Studio & Gallery.

Schelly, C. and Price, J.M. (2010). "Environmental Stewardship," in *Green Energy: An A-to-Z Guide*. Edited by Dustin Mulvaney. Sage Publications, Inc: Thousand Oaks, CA.

Schelly, C. (2010). Book Review: *In Defense of Food: An Eater's Manifesto*, by Michael Pollan. *Social Science Journal* 47: 468-470.

Schelly, C. (2009). Book Review: *Disrupting Science: Social Movements, American Scientists, and the Politics of the Military, 1945-1975*, by Kelly Moore. *Social Science Journal* 46: 218-220.

FUNDING AWARDS

- | | |
|-----------|---|
| Fall 2018 | Michigan Technological University College of Engineering Interdisciplinary Collaboration Seed Funding. Stage 1 support received for workshop on CNH research proposal development. Noel Urban, PI. Funding received: 5,000. |
| Fall 2018 | "Enhancing electrical grid and community resilience through repurposing decommissioned mines into underground pumped storage facilities," Scoping proposal submitted to the Alfred P. Sloan Foundation. Roman Sidortsov, PI, Chelsea Schelly, co-PI. Total awarded funds: 49,963. 2 year project. |
| Fall 2018 | "Long Island Solar Roadmap Project" Contracted solar scientist. In collaboration with The Nature Conservancy and Defenders of Wildlife. 2 year project. |
| Fall 2017 | "Independent Risk Analysis for the Straits Pipelines" Task X Broader Impacts. Michigan Tech Contracted by State of Michigan. Commissioned report provided fall 2018. |
| Fall 2017 | "Increasing Low-to-Moderate Income Household's Access to the Benefits of Rural Public Power Community Solar Programs," Chelsea Schelly, PI, with co-PI Richelle Winkler, subcontracted with WPPI, submitted to American Public Power Association, Demonstration of Energy & Efficiency Developments (DEED) program. Total project budget: 69,224. Project period: Jan. – Dec. 2018. |
| Fall 2016 | "Climate Change Mitigation via Reducing Household Food, Energy and Water |

Consumption: A Quantitative Analysis,” submitted to NSF-INFEWS. David Watkins, PI, Chelsea Schelly, co-PI. Total funding: 2,983,358, 5 year grant.

- Fall 2015 “Coupled Production-Consumption Systems for Climate Change Mitigation: Designing Equitable Food, Energy, and Water Conservation Strategies.” National Science Foundation. David Watkins and Kathleen Halvorsen. Chelsea Schelly, Affiliated Faculty, Planning Committee. Total workshop support funding: 47,200.
- Summer 2015 Rural Sociological Society, Early Career Research Award 2015 Proposal title: “Policies for Self-Provisioning: Understanding the Success of Alternative Rural Communities.” Funding amount: 2,500.00
- Summer 2015 Michigan Technological University’s Research Excellence Fund – Scholarship and Creativity Grant. Proposal title: “Policies for Self-Provisioning: Understanding Alternative Technology Use at Dancing Rabbit Ecovillage,” Funding amount: 4,219.00
- Fall 2013- National Science Foundation PIRE Project, “Sustainability, Ecosystem Services, 2018 and Bioenergy Development across the Americas,” Michigan Technological University, Dr. Kathleen Halvorsen, PI. Senior Personnel
- Fall 2013 “Bringing Small-Scale, Distributed Solar Technology to Campus for Student Education, A Behavioral Research Program, and Technological Innovation” MTU Century II Campaign Endowed Equipment (C2E2). Awarded funding: 5,000.
- 2010 – 2014 Environmental Protection Agency - Science To Achieve Results (STAR) Graduate Fellowship (EPA_F2009-STAR-13), FP917171 Research Category: “Science & Technology for Sustainability: Environmental \Behavior and Decision Making” Project Title: “Residential Solar Technology Adoption: Motivations for Environmental Behavior and Experiences with Alternative Energy Systems”
- 2008 – 2012 Fellowship, National Science Foundation, CHANGE-IGERT Interdisciplinary Graduate Education and Research Traineeship: Certificate on Humans and the Global Environment, University of Wisconsin-Madison

TEACHING AT MICHIGAN TECH

- Summer 2019 Introduction to Sociology, online summer session
Science, Technology, and Society, online summer session
- Spring 2019 Professional Development (graduate seminar)
- Fall 2018 Science, Technology, and Society; History of Social Thought

- Summer 2018 Introduction to Sociology, online summer session
- Spring 2018 Ethnographic Research Methods
- Fall 2017 Science, Technology, and Society
Environmental Governance and Decision Making (graduate seminar)
- Summer 2017 Introduction to Sociology, online summer session
Special Topics course (online): Racial Inequality in Contemporary America
- Spring 2017 Introduction to Sociology; Research Design (graduate seminar)
Special Topics course (online): Racial Inequality in Contemporary America
- Fall 2016 Science Technology and Society; History of Social Thought
- Summer 2016 Introduction to Sociology, online summer session
- Spring 2016 Introduction to Sociology; Ethnographic Research Methods
- Fall 2015 Environmental Governance and Decision Making (graduate seminar)
- Spring 2015 Research Design (graduate seminar)
History of Social Thought: Center for Teaching and Learning Creative Canvas Course
Contest (C-4) Winner. Student Evaluations in top 10%
- Spring 2014 Social Inequality
- Fall 2013 Introduction to Sociology (Two sections)

TEACHING AWARDS

- Spring 2018 Exceptional Graduate Mentor Award
MTU Graduate Student Government
- Springs 2015 History of Social Thought
Michigan Tech Center for Teaching and Learning
Creative Canvas Course Contest (C-4) Winner
Course Also Received Recognition for Student Evaluations in top 10%

SELECT INVITED LECTURES

- “Earning Tenure,” invited participant on MTU Faculty Development panel, April 2019
- “Interdisciplinary research,” invited participant on MTU Research Development Day panel,
January 2019
- “Social and Policy Considerations for Alternative Technology,” invited lecture to MTU Alternative Energy
Enterprise, Fall 2018
- “Presenting to a scientific audience,” invited presentation for MTU Graduate Student Government
professional development event, February 22, 2018
- “Intentional Communities as Models for Rural Resilience? Measuring what Matters,” Michigan Tech

- Dept. of Social Sciences brownbag, February 2, 2018
- “Becoming Intentional: Reforming Democracy in the Keweenaw,” invited discussant and panel chair, Good Shepard Lutheran Church, Houghton MI, December 2, 2017
- “Dwelling in Resistance: Learning, Living, and Writing It,” invited lecture to Friends of the Michigan Tech Library annual meeting, October 19, 2017
- “On Research Design,” invited lecture to MTU graduate students through Graduate Student Government, September 12, 2017
- “Renewable Energy as Social Justice,” with Roman Sidortsov, invited lectures to the Preparing African American Males for Energy and Education (PAAMEE) Summer Youth Program at Michigan Tech, July 17th and July 24th, 2017
- “Introduction to Ethnographic Research Methods,” Guest lecture for Pavlis Honors College Study Abroad Students Track A summer course, May 22, 2017.
- “Researching Possibilities for Sustainability in Everyday Life,” invited lecture to MTU Alternative Energy Enterprise, March 2017
- “Researching Possibilities for Sustainability in Everyday Life,” invited lecture to the Lake Superior Stewardship Initiative Dinner and Dialogue, February 2017
- “Researching Possibilities for Sustainability in Everyday Life,” invited lecture to the Keweenaw Unitarian Universalist congregation, December 2016
- “Getting an Academic Job,” participant in a panel session at the Student Forum of the International Symposium on Society and Natural Resources (ISSRM), June 2016, Houghton, MI
- “Freedom From, Freedom To, and Finding Agreement for Social Change: Lessons from Intentional Communities and Alternative Technology Adopters,” First Saturday Lecture at Trinity Episcopal Church, Houghton, MI, June 4 2016
- “Introduction to Ethnographic Research Methods,” Guest lecture for Pavlis Honors College Study Abroad Students Track A summer course, May 25, 2016.
- “The Impacts of Dwelling in Alternative Community: Opportunities for Exploration,” Michigan Technological University Geoseminar, April 2016
- “Introduction to ASPEN,” Green Lecture Series, sponsored by the Michigan Tech Green Campus Enterprise, October 21, 2015
- “The Rainbow Way: Participation and Experience in Rainbow Gathering Culture,” Michigan Technological University’s *Nexus: The Scholar and the Library* series, March 25, 2015
- “The Rainbow Way: Participation and Experience in Rainbow Gathering Culture,” presentation to Houghton Fortnightly Club, Houghton, MI, February 2015
- “The Rainbow Way: Participation and Experience in Rainbow Gathering Culture,” presentation at Colorado State University’s visiting scholar series, November 2014
- “An Environmental Ethic in an Anarchistic Community,” presentation at Colorado State University, November 2014
- “The Rainbow Way: Participation and Experience in Rainbow Gathering Culture,” presentation at The Colorado College’s visiting scholar series, November 2014
- “Technology, Nature & Society: Seeing the Social in the Material of Everyday Life,” 2013 Green Lecture Series, Houghton, MI, December 11, 2013

SELECT CONFERENCE PRESENTATIONS

- “Community scale solar electricity for rural communities: Designing for resilience, access, and identity,” Emily Prehoda, Chelsea Schelly, and Richelle Winkler. 2018 Rural Sociological Society Conference, July 2018.

- “Collaborative Governance and Wisconsin’s Biomass Harvesting Guidelines.” Dunn, J.L., K.E. Halvorsen, C. Schelly, and J. Abrams. 2018 International Symposium on Society and Resource Management (ISSRM), Salt Lake City, Utah.
- “Community scale solar electricity for rural communities: Designing for resilience, access, and identity,” Emily Prehoda, Chelsea Schelly, and Richelle Winkler. Presented at the 2018 International Symposium for Society and Resource Management, June 2018
- “The Challenges of Reducing Household Consumption Across the Food-Energy-Water Nexus,” Chelsea Schelly and William Lytle. Presented at the 2018 International Symposium for Society and Resource Management, June 2018
- “The Challenges of Reducing Household Consumption Across the Food-Energy-Water Nexus,” Chelsea Schelly and William Lytle. Presented at the 2018 Western Social Science Association, San Antonio TX, April 2018
- “Collaborative Governance and Wisconsin’s Biomass Harvesting Guidelines,” Jennifer Dunn, Kathleen E. Halvorsen, and Chelsea Schelly. Presented at the Society of American Foresters 2017 National Convention, November 2017.
- “Wind and solar power projects and energy justice: emerging patterns from peripheral countries,” Aparajita Banerjee and Chelsea Schelly. *Energy Impacts* 2017, July.
- “Assessing the Energy Justice Potential of Renewable Electricity: A Review of Current Applications.” Aparajita Banerjee, Emily Prehoda, Roman Sidortsov, and Chelsea Schelly. 2017 Rural Sociological Society annual conference, July 2017
- “NIPF Landowner Perceptions of Forest-based Bioenergy in Northern Wisconsin, USA.” Dunn, J.L., K.E. Halvorsen, C. Schelly. (June 2017). Presented at the International Symposium on Society and Resource Management (ISSRM), Umea, Sweden.
- “The Future of Energy as an Integrated Nexus: Embedding Energy in Direct and Indirect Household Service Provision,” With Rachael Shwom, Kristin Floress, Cara Cuite, Kathleen E. Halvorsen, David Watkins, and Datu Buyung Agusdinata. 2017 Western Social Sciences Association Conference, San Francisco, April 2017
- “Social and political inequality as challenges in technology diffusion: Evidence from government-funded improved cookstove program in rural Mexico,” with Aparajita Banerjee. Presented at the 2017 Western Social Sciences Association Conference, San Francisco, April 2017
- “Individualism and symbiosis: The Dance at Dancing Rabbit,” Presented at the 2016 Rural Sociological Society Conference, Toronto, August 2016
- “Pursuing sustainable consumption through diverse alternative economies: A comparative examination of two rural intentional communities,” Presented at the 2016 Rural Sociological Society Conference, Toronto, August 2016
- “Understanding homeowner motivations to adopt residential solar electric technology: What predicts adoption?” Abhilash Kantamneni, Emily Prehoda, and Chelsea Schelly. Part of an organized session, organized by Richelle Winkler and Chelsea Schelly. Presented at the 2016 Rural Sociological Society Conference, Toronto, August 2016
- “Community Scale Options for Sustainable Material Systems: Lessons from Intentional Communities,” Presented at the 2016 International Symposium on Society and Natural Resources
- Full paper submitted for the 2016 Sustainable Consumption Research and Action Initiative (SCORAI) Conference, Maine, June 2016. Not attended due to flight cancellations. “Pursuing Sustainable Consumption through Diverse Alternative Economies: A Comparative Examination of Two US Intentional Communities.”
- Full paper submitted for the 2016 Sustainable Consumption Research and Action Initiative (SCORAI) Conference, Maine, June 2016. Not attended due to flight cancellations. “Individualism and Symbiosis: The Dance at Dancing Rabbit.”

- “Pursuing Sustainable Consumption through Diverse Alternative Economies: A Comparative Examination of Two US Intentional Communities,” Presented at the 2016 Western Social Science Association Annual Conference, April 2016
- “Reconnecting with our Being: The Potential of 3D Printing Technologies.” Rural Sociological Society Annual Conference, Madison, WI, August 2015
- “The US Electric Utility Industry’s Structural Discouragement of Renewable Energy Technology Adoption.” With Edward P. Louie and Joshua Pearce. Rural Sociological Society Annual Conference, Madison, WI, August 2015
- “Public Forests, Private Forests: Community Perceptions of Woody Bioenergy Sourced from Different Land Ownership Types in Wisconsin, USA.” Authors: A. Banerjee, K.E. Halvorsen, C.L. Schelly. 2015 International Symposium on Society and Natural Resources, Charleston SC, June 2015
- “Public Perceptions of Bioenergy Development: Issues of Scale Shaping Support.” With Aparajita Banerjee and Kathleen E. Halvorsen. Western Social Science Association 2015 Annual Conference, Portland OR, April 2015
- “The US Electric Utility Industry’s Structural Discouragement of Renewable Energy Technology Adoption.” With Edward P. Louie and Joshua Pearce. Western Social Science Association 2015 Annual Conference, Portland OR, April 2015. Session Moderator.
- “The Abundance of the Commons and the Politics of Plenty: One Community’s Understanding of Shared Resources,” Society for Human Ecology 2014, Bar Harbor, ME, October 2014
- “Everyday Household Practice in Alternative Residential Dwellings: The Non-Environmental Motivations for Environmental Behavior,” Rachel Carson Center for Environment and Society’s Workshop on The Greening of Everyday Life: Reimagining Environmentalism in Postindustrial Societies, June 2014.
- “Self-Sufficiency as Social Justice: The Case of Earthship Bioteecture,” 2013 Rural Sociological Society Conference, New York, NY
- “The Abundance of the Commons and the Politics of Plenty: One Community’s Understanding of Shared Resources,” 2013 Rural Sociological Society Conference, New York, NY
- “Self-Sufficiency as Social Justice: The Case of Earthship Bioteecture,” 2013 Society for the Study of Social Problems Conference, New York, NY
- “Earth-Wise Responsible Freedom at the National Gathering of the Rainbow Family of Living Light,” 2013 American Sociological Association Conference, New York, NY
- “The Abundance of the Commons and the Politics of Plenty: One Community’s Understanding of Shared Resources,” 2013 Western Social Science Association Conference, Denver, CO
- “Implementing Renewable Energy Portfolio Standards: The Good, the Bad, and the Ugly in a Two State Comparison,” 2013 Western Social Science Association Conference, Denver, CO
- “Residential Solar Technology Adoption: Motivations for Environmental Behavior and Experiences with Alternative Energy Systems,” poster, 2011 Environmental Protection Agency STAR Fellows Conference, Washington DC
- “Borders and Boundaries in the Global Earthship Community,” 2010 Annual Conference of the Society for the Social Studies of Science, Tokyo, Japan
- “Interdisciplinarity from the Frontlines: Reflections on Pedagogy and Practice in an NSF-IGERT Program,” panel session organized for the 2009 Association for Environmental Studies and Science Conference, Madison, WI
- “Reducing Energy Consumption and Creating a Conservation Culture in Organizations: A Case Study of One Public School District,” 2009 Rural Sociological Society Conference, Madison, WI
- “Bioterritorial Power: The U.S. Electric Grid as a Technology of Government,” 2009 Western Social Science Association Conference, Albuquerque, NM

- “The Convergence of Metabolic Rift and Ecological Modernization Theory in Solar Technology Adoption,” 2008 Western Social Science Association Conference, Denver, Co
- “Hegemony and Disruptive Resistance: The Colorado Utilities Industry and Renewable Energy,” 2008 Western Social Science Association Conference, Denver, CO
- “Greening Energy: Explaining the Geographic Distribution of Household Solar Use in the United States” 2007 Western Social Science Association Conference, Calgary, Canada

PROFESSIONAL SERVICE and MEMBERSHIPS

Rural Sociological Society, Member: 2013-Present

Nominated and Elected for Council position, 2015-2017

Awards and Endowment Committee, 2015-2017. Committee chair: 2016-2017.

Elected to Ethics Committee, 2017-2019. Committee chair: 2017-2018.

Western Social Sciences Association, Member: 2006-Present

Book Review Editor, *Social Science Journal*, 2015-present

Annual conference section coordinator, Environmental Policy and Natural Resources Section, 2014-present

American Sociological Association, Member: 2014-Present

Section Membership: Consumers and Consumption; Sociology of Culture; Environment and Technology; Science, Knowledge, and Technology; Theory

Nominated for a position on the Workshop Committee of the Collective Behavior and Social Movements Section, Fall 2015 (declined)

Invited to participate in an organized panel in Collective Behavior and Social Movements Section for 2016 conference, Fall 2015 (declined)

International Association for Society and Natural Resources (IASNR): 2015-Present

International Association for Society and Natural Resources, International Symposium for Society and Natural Resources 2016, to be held in Houghton, MI. Executive planning committee
Faculty mentor for MTU-ASPEN, the student chapter of IASNR at Michigan Tech. ISSRM 2016 Scientific Advisory Committee *Society & Natural Resources*, Editorial Board Member, January 2019

Sustainable Consumption Research and Action Initiative (SCORAI), Member

International organization for sustainable consumption researchers and practitioners

Early career paper award, 2016 International Conference. Award Committee, paper reviewer

Reviewer: *Environment & Behavior; Social Science Journal; Energy Policy; Energy Research and Social Science; Society & Natural Resources, Environment and Planning D: Society and Space; Social and Cultural Geography; Rural Sociology; Local Environment; Environmental Management; Science Technology & Human Values; Environmental Politics; Environments; Community Development; Sustainability*

University of California Press: Reviewer. Invited book manuscript reviewer

Polity Press: Reviewer. Invited book manuscript reviewer.

Fall 2016: National Science Foundation, Invited ad hoc reviewer, Cultural Anthropology

Spring 2017: National Science Foundation, Invited panel reviewer

Spring 2017: National Science Foundation, Invited ad hoc review, Doctoral Dissertation Improvement

Spring 2019: National Science Foundation, Invited panel reviewer

UNIVERSITY SERVICE

Michigan Tech’s Student Chapter of the International Association of Society and Natural Resources (MTU-ASPEN) – Faculty Mentor

Michigan Technological University, Summer Undergraduate Research Fellowship (SURF)
 Proposal Reviewer, Spring 2016, Spring 2017, Spring 2019

Michigan Technological University, Graduate Student Research Colloquium Judge
 Spring 2016, Spring 2017, Spring 2018, Spring 2019

Michigan Technological University Center for Water and Society/GLRC: 2014-2017
 Department Representative
 Education and Research Subcommittee
 Graduate Student Funding Review Committee
 World Water Day Poster Judge, March 2015

Michigan Technological University General Education Assessment, Fall 2013 Semester Assessment
 (summer 2014)

Michigan Technological University, Communication Learning Goal Committee, 2014-present
 Communication Learning Goal Assessment (summer 2015)
 Communication Learning Goal Assessment (summer 2016)

Michigan Technological University, Critical and Creative Thinking Learning Goal
 Learning Goal Assessment (summer 2015)

Michigan Technological University, Social Responsibility and Ethical Reasoning Learning Goal
 Learning Goal Assessment (summer 2016)
 Learning Goal Assessment (summer 2017)

Michigan Technological University sustainability blog (blogs.mtu.edu/sustainability/)
 Contributor/co-administrator

DEPARTMENT SERVICE

Environmental and Energy Policy Graduate Program
 Curriculum committee
 Admissions committee, Spring 2015 review of Fall 2015 applicants
 Admissions committee, Spring 2017 review of Fall 2017 applicants
 Director of Graduate Studies, Fall 2017-

Department of Social Sciences
 Department Major Assessment, Fall 2014, Fall 2015, Fall 2016, Spring 2017
 Sustainability Science and Society Major Development Committee
 Search Committee, Fall 2015 Energy Policy Faculty Search
 Search Committee, Fall 2016: Search Committee Chair

STUDENT ADVISING

Will Lytle, Environmental and Energy Policy Program, PhD – advisor, current
 Adewale Adesanya, Environmental and Energy Policy PhD Program, co-advisor, current
 Jennifer Rachels, Environmental and Energy Policy PhD Program, advisor, current
 Karuna Rana, Environmental and Energy Policy MS Program, advisor, current

Emily Prehoda, Environmental and Energy Policy Program, PhD – advisor, Spring 2019 Defense
 Patrick Gillman, Anthropology BS – thesis advisor, December 2017 Defense
 Emily Prehoda, Environmental and Energy Policy Program, MS – advisor, October 2016 Defense
 Amanda Kreuze, Environmental and Energy Policy Program, MS – co-advisor, Spring 2015 Defense

Aparajita Banerjee, Environmental and Energy Policy Program, PhD – committee member

Fall 2015 Defense

Mizan Rahman, Environmental and Energy Policy Program, PhD – committee member

Fall 2015 Defense

Erin Pischke, Environmental and Energy Policy Program, PhD – committee member

Spring 2017 Defense

Jennifer Dunn, Environmental and Energy Policy Program, PhD – committee member,

Spring 2018 Defense

Brent Burns, Environmental and Energy Policy Program, PhD – committee member, current

OUTSIDE COMMITTEES

University of Western Australia. External examiner for PhD thesis. 2016.

Swidburne University of Technology, Australia. External examiner for MS thesis. 2017.

Northeastern University Doctor of Law and Policy program. External dissertation reader. 2017-2018.

Yan Wu, Applied Natural Resource Economics, MS – (outside) committee member

Fall 2013 Defense

Negin Heidari, Electrical Engineering, MS – (outside) committee member

Spring 2015 Defense

Aishwarya Mundada, Electrical Engineering, MS - (outside) committee member

Spring 2016 Defense

Bas Wijnen, Materials Science and Engineering, PhD – (outside) committee member

Summer 2016 Defense

William Lytle, Forest Resources and Environmental Science, MS - (outside) committee member

Fall 2016 Defense

Noah Goyke, SFRES PCMI MS – (outside) committee member

Spring 2017 Defense

Larry Shirmer Jr., Civil and Environmental Engineering PCMI MS – (outside) committee member

Summer 2017 Defense

Colin Phifer, Forest Resources and Environmental Science, PhD – (outside) committee member

Fall 2017 Defense

Nichole Mackey, Computer Science MS - (outside) committee member

Spring 2019 Defense

Jessica Daignault, PhD student, Environmental Engineering – (outside) committee member

Alenna Beroza, Mechanical Engineering PCMI MS – (outside) committee member

Evan Lanese, GMES PCMI MS – (outside) committee member

Celine Caurus, GMES PCMI MS – (outside) committee member

Laura Burmann, SFRES MS – (outside) committee member