

CURRICULUM VITAE
KATHLEEN E. HALVORSEN
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Associate Vice President for Research Development
University Professor Chair of Natural Resource Policy
Joint Appointment to the Department of Social Sciences (2/3) and
the College of Forest Resources and Environmental Science (1/3)

EDUCATION

- Ph.D. 1996 Forest Resource Management. University of Washington, College of Forest Resources, Seattle, Washington. Dissertation: *Employee Responses to the Incorporation of Environmental Complexity into the USDA Forest Service.*
- M.S. 1992 Environmental Science. State University of New York, College of Environmental Science and Forestry, Environmental Science Department. Syracuse, New York.
- B.S. 1989 Political Economy of Natural Resources with Honors. University of California at Berkeley, College of Natural Resources, Department of Agricultural and Resource Economics. Berkeley, California.

POSITIONS

- 2019 - Associate Vice President for Research Development, Michigan Technological University.
- 1995 - University Professor of Natural Resource Policy Chair (2019-present), Professor (2010-Present), Associate Professor (2002-2010), Assistant Professor (1996-2002), Instructor (1995-1996), Michigan Technological University.
- 2018 - 2020 Executive Director, International Association for Society and Natural Resources (IASNR).
- 2003 - 2009 Director, Environmental Policy Graduate Program, Michigan Technological University.

AWARDS

University Professor Chair, Michigan Technological University, 2019-2024.

Recipient of 2018 Michigan Technological University Graduate Student Government Graduate Mentor Award.

Recognized for 2017 & 2018 Top External Research Expenditures in College of Sciences and Arts, Michigan Technological University.

Recipient of the 2014 Michigan Technological University Research Award for outstanding achievement in research.

SCHOLARSHIP

Peer Reviewed Articles, Books and Book Chapters (* Supervised student)

Schelly, C., Bessette, D., Brosemer, K., Gagnon, V., Arola, K., Fiss, A., Pearce, J.M., Halvorsen, K.E. 2020. Energy Policy for Energy Sovereignty: Can policy tools enhance energy sovereignty? *Solar Energy* 205:109-112.

Avila Foucat, V., K. Juliana Rodríguez-Robayo, K. Jones, E. C. Pischke, D. Torrez, J. Salcone, T. Selfa, K.E. Halvorsen. 2020. Household's allocation of Payment for Ecosystem Services (PES) in "La Antigua" watershed Veracruz, Mexico. *World Development Under Review*.

Lytle, W.J., Schelly, C., R. Shwom, D. Buyung Agusdinata, D. Watkins, K. Floress, **K.E. Halvorsen**, C. Cuite. 2018. A FEW Nexus Provisioning Systems Perspective on Household Consumption Interventions to Address Climate Change. *Sustainability: Science, Practice and Policy*. **Revised, resubmitted, under review.**

Jones, K.W., S. Avila Foucat, E.C. Pischke*, J. Salcone, D. Torrez, T. Selfa, **K.E. Halvorsen**. 2019. Examining Participation and Human Well-being Outcomes of Payments for Hydrological Services Programs in Mexico. *Ecosystem Services* 31:32-42. DOI <https://doi.org/10.1016/j.ecoser.2018.11.004>.

Floress, K., S. Connolly, **K.E. Halvorsen**, A. Egan, T. Schuler, A. Hill, P. DeSenze, S. Fenimore, and K. Karriker. 2018. Implementing Landscape Scale Conservation across Organizational Boundaries: Lessons from the Central Appalachian Region, United States. *Environmental Management* 62(5)845-857. DOI 10.1007/s00267-018-1081-y.

Nava-López., M, T. Selfa, D. Cordoba, E.C. Pischke*, D. Torrez, S. Ávila-Foucat , **K.E. Halvorsen** and C. Maganda. 2018. Decentralizing Payments for Hydrological Services programs in Veracruz, Mexico: Challenges and Implications for Long Term Sustainability. *Society and Natural Resources Online First*: DOI: 10.1080/08941920.2018.1463420.

Pischke*, E.C., M. A. Mesa-Jurado, A. Eastmond, J. Abrams, **K. E. Halvorsen**. Community Perceptions of Climate Change and Adaptation Strategies in Tabasco, Mexico. 2018. *Journal of Environmental Studies and Sciences* 8(4)441-451. DOI: 10.1007/s13412-018-0493-6.

Kozich*, A.T., **K.E. Halvorsen**, and A.S. Mayer. 2018. Perspectives on Water Resources among Anishinaabe and Non-Native Residents of the Great Lakes Region. *Journal of Contemporary Water Research and Education* 163(April)94-108.

Pischke*, E.C., M.D. Rouleau, and **K.E. Halvorsen**. 2018. Public Perceptions Toward Bioenergy Development in Tabasco, Mexico. *Biomass and Bioenergy* 112(5)1-10.

Mayer, A.S., E. Vivoni, D.J. Kossak*, **K.E. Halvorsen**, and A. Robles Morua. 2017. Participatory modeling workshops in a water-stressed basin result in gains in modeling capacity but reveal disparity in water resources management priorities. *Water Resources Management* 31:4731-4744.

Pischke*, E.C., J.L. Knowlton, C.C. Phifer, J. Gutierrez Lopez, T.S. Propato, A. Eastmond, T. Martins de Souza, M. Kuhlberg, V. Picasso Risso, S.R. Veron, C. Garcia, M. Chiappe, **K.E. Halvorsen**. 2017. Barriers and Solutions to Conducting Large International, Interdisciplinary Projects. *Environmental Management* 60(6)1011-1021.

Banerjee*, A., **K.E. Halvorsen**, A. Eastmond-Spencer, and S.R. Sweitz. 2017. Sustainable development for whom and how? Exploring the gaps between popular discourses and ground reality using the Mexican Jatropha biodiesel case. *Environmental Management* 59:912-923.

Banerjee*, A., C. Schelly, and **K.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.

Halvorsen, K.E., J.L. Knowlton, A.S. Mayer, C.C. Phifer, T. Martins, E.C. Pischke*, T.S. Propato, C. Garcia, M. Chiappe, A. Eastmond, J. Licata, M. Kuhlberg, R. Medeiros, V. Picasso, G. Mendez, P. Primo, A. Frado, S. Veron, J. Dunn. 2016. Assessing the Success of an International, Interdisciplinary Energy-related Research Project. *Journal of Environmental Science and Studies*. 6(2)313-323.

Norris, P., M. O'Rourke, A. Mayer, and **K.E. Halvorsen**. 2016. Doubling Down: Transdisciplinary Research Team Formation as a Wicked Problem. Special Issue on Wicked Problems. *Landscape and Urban Planning*. 154:115-122.

Asbjornsen, H., A.S. Mayer, K.W. Jones, T. Selfa, L. Saenz, R.K. Kolka, **K.E. Halvorsen**. 2015. Assessing the Impacts of Payments for Watershed Services on Sustainability in Coupled Natural and Human Systems. *Bioscience* 65(6)579-91.

Floress, K., K. Akamani, **K.E. Halvorsen**, A.T. Kozich*, and M. Davenport. 2015. The Role of Social Science in Successfully Implementing Watershed Management Strategies. *Journal of Contemporary Water Research and Education* 154(April)85-105.

Solomon B.D., A. Banerjee*, A. Acevedo, **K.E. Halvorsen**, and Amarella Eastmond. 2015. Policies for the Sustainable Development of Biofuels in Pan America: A Review and Synthesis of Five Countries. Special Issue of *Environmental Management on Bioenergy across the Americas*. 56(6)1276-1294.

- Knowlton J.L., **K.E. Halvorsen**, R. M. Handler, M. O'Rourke. 2014. Teaching interdisciplinary science teamwork skills to graduate students using in-person and web-based interactions. *Sustainability* 6(12)9428-9440.
- Adams*, E.A. and **K.E. Halvorsen**. 2014. Perceptions of Nongovernmental Organization (NGO) Staff about Water Privatization in Developing Countries. *Human Geographies – Journal of Studies and Research in Human Geography* 8(2)35-50.
- Robles Morua*, A., **K.E. Halvorsen**, A.S. Mayer, and E.R. Vivoni. 2014. Can Hydrologic Models Change Water-related Risk Perceptions? Results of a Participatory Modeling Workshop in the Sonora River Basin, Mexico. *Environmental Modeling and Software* 52:273-282.
- Kozich*, A.T. , and **K.E. Halvorsen**. 2012. Compliance with Wetland Mitigation Standards in the Upper Peninsula of Michigan, USA. *Environmental Management* 50:97-105.
- Robles Morua*, A., **K.E. Halvorsen**, and A.S. Mayer. 2011. Waterborne Disease-Related Risk Perceptions in the Sonora River Basin, Mexico. *Risk Analysis* 35(5)866-878.
- Jensen*, J.E., **K.E. Halvorsen**, D.R. Shonnard. 2011. Cellulosic Ethanol, U.S. Federal Energy and Agricultural Policy, and the Diffusion of Innovation. **Special Issue: Socioeconomic Dimensions of U.S. Bioenergy.** *Biomass and Bioenergy* 35(4)1454-1464.
- Johnson, D., **K.E. Halvorsen**, B.D. Solomon. 2011. U.S. Upper Midwestern Consumers and Ethanol: Knowledge, Beliefs and Consumption. **Special Issue: Socioeconomic Dimensions of U.S. Bioenergy** 35(4) 1440-1453.
- Becker, D.R., S. McCaffrey, D. Abbas, **K.E. Halvorsen**, P. Jakes, and C. Moseley. 2011. Conventional Wisdoms of Woody Biomass Utilization on Federal Public Lands. *Journal of Forestry* June: 208-218.
- Becker, D.R., K. Skog, A. Hellman, **K.E. Halvorsen**, and T. Mace. 2009. An Outlook for Sustainable Forest Bioenergy Production in the Lake States. *Energy Policy* 37:5687–5693.
- Halvorsen, K.E.**, J.R. Barnes*, and B.D. Solomon. 2009. Upper Midwestern USA Ethanol Potential from Cellulosic Materials. *Society and Natural Resources* 22(10)931-938.
- Shonnard, D.R., J. Jensen*, J. Naber, Q. Zhang, A. Maclean, **K.E. Halvorsen**, J.W. Sutherland, and T.L. Jenkins. 2008. Wood to Wheels: A Multidisciplinary Research Initiative on Sustainable Transportation Utilizing Fuels and Co-Products from Forest Resources. *SAE (Society of Automotive Engineers) Convergence* Peer Reviewed SAE Technical Paper 2008-21-0026.

Solomon, B. D., J.R. Barnes*, and **K.E. Halvorsen**. 2007. Grain and Cellulosic Ethanol: History, Economics, and Energy Policy. *Biomass and Bioenergy* 31(6)216-25.

Halvorsen, K.E. 2006. Critical Next Steps in Research on Public Meetings and Environmental Decision Making. Invited Submission for Special Issue of *Human Ecology Review* on Public Participation 13(2)150-160.

Halvorsen, K.E., and H.S. Gorman. 2006. Onsite Sewage System Regulation along the Great Lakes and the USEPA "Homeowner Awareness" Model. *Environmental Management* 37(3)395-409.

Gorman, H.S., and **K.E. Halvorsen**. 2006. The Regulation of Alternative Onsite Wastewater Treatment Systems in the Great Lakes Region. *Small Flows Quarterly* 7(1)23-37.

Solomon, B.D., C. Corey*, and **K.E. Halvorsen**. 2004. The Safe Minimum Standard and Eco-Tourism: A Case Study of the Florida Manatee. *Ecological Economics*. 50(1-2)101-115.

Hornyak*, M.M., and **K.E. Halvorsen**. 2003. Wetland Mitigation Compliance in the Western Upper Peninsula of Michigan. *Environmental Management* 32(5)535-540.

Halvorsen, K.E. 2003. Assessing the Effects of Public Participation. *Public Administration Review* 63(5)535-543.

Halvorsen K.E., and M.E. Jarvie*. 2002. Working and Lower Middle Class Women and Obstacles to Environmentally Related Public Meeting Participation. *Environmental Practice* 4(1)18-26.

Carr, D.S., and K. **Halvorsen**. 2001. An Evaluation of Three Democratic, Community-Based Approaches to Citizen Participation: Surveys, Conversations with Community Groups, and Community Dinners. *Society and Natural Resources* 14:107-126.

Halvorsen, K.E. 2001 . Relationships between National Forest System employee diversity and beliefs regarding external interest groups. *Forest Science* 47(2)258-269.

Halvorsen, K.E. 2001 . Assessing Public Participation Techniques for Comfort, Convenience, Satisfaction, and Deliberation. *Environmental Management* 28(2)179-186.

T.K. Tokunaga, D.S. Lipton, S.M. Benson, A.W. Yee, J.M. Oldfather, E.C. Duckart, P.W. Johanns and **K.E. Halvorsen**. 1991. Soil selenium fractionation, depth profiles and time trends in a vegetated site at Kesterson Reservoir. *Water, Air, and Soil Pollution* 57-8(1)31-41.

Peer Reviewed Books and Journal Special Issues

Halvorsen, K.E., C. Schelly, R. Handler, E.C. Pischke, and J.L. Knowlton (eds). 2019. *A Research Agenda for Environmental Management*. Edward Elgar Publishing: Cheltenham, UK.

NRC-NAS Committee on Economic and Environmental Impacts of Increasing Biofuels Production, Lave, L.B. (chair), I.C. Burke (co-chair), W.E. Tyner (co-chair), V.H. Dale, **K.E. Halvorsen**, J.D. Hill, S.R. Kaffka, K.C. Klasing, S.J. McGovern, J.A. Miranowski, A. Patrinos, J.L. Schnoor, D.R. Schweikhardt, T.L. Selfa, B.L. Sohngen, and J.A. Soria). 2011. *Renewable Fuel Standard: Potential Economic and Environmental Effects of U.S. Biofuel Policy*. Natural Research Council of the National Academies.

Halvorsen, K.E., T.A. Selfa, D.S. Becker, and C. Hinrichs (eds). 2011. **Special Issue:** Socioeconomic Dimensions of U.S. Bioenergy. *Biomass and Bioenergy* 35(4).

Peer Reviewed Book Chapters

Halvorsen, K.E., Jessie L. Knowlton, Chelsea Schelly, Robert M. Handler and Erin C. Pischke. 'Introduction: a research agenda for environmental management through transdisciplinary, social science-rich environmental governance research.' 2019. In **K.E. Halvorsen, C. Schelly, R. Handler, E.C. Pischke, and J.L. Knowlton** (eds). *A Research Agenda for Environmental Management*. Edward Elgar Publishing: Cheltenham, UK.

Halvorsen, K.E., Jessie L. Knowlton, Robert M. Handler, Chelsea Schelly and Erin C. Pischke. 'Integrating across sectors and disciplines: transdisciplinary teamwork challenges and strategies.' 2019. In **K.E. Halvorsen, C. Schelly, R. Handler, E.C. Pischke, and J.L. Knowlton** (eds). *A Research Agenda for Environmental Management*. Edward Elgar Publishing: Cheltenham, UK.

Pischke, E.C., **K. E. Halvorsen,** Tuyeni Heita Mwampamba, Lily House-Peters, Amarella Eastmond, Lucía Pérez Volkow, Mayra del Carmen Fragoso Medina and Marcella Ohira. 'Transdisciplinary research teams: broadening the scope of who participates in research.' 2019. In **K.E. Halvorsen, C. Schelly, R. Handler, E.C. Pischke, and J.L. Knowlton** (eds). *A Research Agenda for Environmental Management*. Edward Elgar Publishing: Cheltenham, UK.

Dunn, J.L, Jessie L. Knowlton, Robert M. Handler, Erin C. Pischke, **K. E. Halvorsen,** M. Azahara Mesa-Jurado, Theresa L. Selfa, David J. Flaspohler, Julian Licata, Ena E. Mata-Zayas, Rodrigo Medeiros, Cassandra Moseley, Erik A. Nielsen, Valentin D Picasso Risso, Julio C. Sacramento-Rivero, Tatiana de Souza, Cesar J. Vazquez Navarrete and Nathan Basiliko. 2019. 'Lessons from the transdisciplinary, international BIOPIRE project.' In **K.E. Halvorsen, C. Schelly, R. Handler, E.C. Pischke, and J.L. Knowlton** (eds). *A Research Agenda for Environmental Management*. Edward Elgar Publishing: Cheltenham, UK.

Watkins, D., Rachael Shwom, Chelsea Schelly, Datu B. Agusdinata, Kristin Floress and **K. E. Halvorsen.** 'Understanding household conservation, climate change, and the food-energy-water nexus from a transdisciplinary perspective.' 2019. In **K.E. Halvorsen, C.**

Schelly, R. Handler, E.C. Pischke, and J.L. Knowlton (eds). A Research Agenda for Environmental Management. In Press, Edward Elgar Publishing. Edward Elgar Publishing: Cheltenham, UK.

Halvorsen, K.E. 2017. Prologue. In J. Sacramento and A. Eastmond (eds) *Jatropha in the Yucatan*. UADY Press.

Banerjee, A.*, C.L. Schelly, and **K.E. Halvorsen**. 2018. Constructing A Sustainable Bioeconomy: Multi-scalar Perceptions of Sustainability. In Leal Filho, W., D. Pociovalisteanu, P. Borges de Brito, and I. Borges de Lima, Eds., *Towards a Sustainable Bioeconomy: Principles, Challenges and Perspectives*. World Sustainability Series, Springer Press, NYC, NY.

Solomon, B.D., J.R. Barnes* and **K.E. Halvorsen**. 2008. From grain to cellulosic ethanol: History, economics and policy. In B.D. Solomon and V.A. Luzadis, eds. *Renewable Energy From Forest Resources in the United States* (Oxfordshire: Routledge). Pp. 49-66.

Solomon, B.D. C.M. Corey* and **K.E. Halvorsen**. 2007. Safe minimum standard analysis of the Florida manatee. In J.D. Erickson and J. Gowdy, eds. *Frontiers in Ecological Economic Theory and Application*. (Williston, VT: Edward Elgar). pp. 101-115.

Halvorsen, Kathleen E. 1999. The Sociology of Natural Resource Conflicts. in D. Dunn and D.V. Waller, eds. *Analyzing Social Problems*. 2nd Edition. (Upper Saddle River, NJ: Prentice Hall). Pp. 213-223.

Book Reviews

- 2017 Reviewed *The Rise of the American Conservation Movement for The Social Sciences Journal*.
- 2017 Reviewed *The New Minority: White Working Class Politics in an Age of Immigrants and Inequality* For *The Social Sciences Journal*.
- 2013 Reviewed *Socioeconomic and Environmental Impacts of Biofuels: Evidence from Developing Nations*, 2012. edited by Alexandros Gasparatos and Per Stromberg, Cambridge University Press. For *Journal of Natural Resource Policy Research*.
- 2013 Reviewed *A Newer World: Politics, Money, Technology, and What's Really Being Done to Solve the Climate Change Crisis*. For *Choice: PubSys*.
- 2010 Reviewed *Global Environmental Forest Policy: An International Comparison* for *Choice: PubSys*.

- 2010 Reviewed *Roadless rules: The struggle for the last wild forests*. For *Human Dimensions of Wildlife* 15(1)73-74.
- 2009 Reviewed *The Greening of the U.S. Military: Environmental Policy, National Security, and Organizational Change*. *Society and Natural Resources*. 22(3)292-294.
- 2006 Reviewed *Vicious: Wolves and Men in America*. *Human Dimensions of Wildlife*. 11(4)299-300.
- 2001 Reviewed *Don't Breathe the Air: Air Pollution and U.S. Environmental Politics, 1945-1970*. *New York History*.
- 1999 Reviewed *Wilderness by Design in North Carolina* *Historical Review*. In *North Carolina Historical Review*. July 1999. LXXVI(3)360-361.

Proceedings, Reports, and Institute Papers:

- 2016 Coupled Production-Consumption Systems for Climate Change Mitigation: Designing Equitable Food, Energy, and Water Conservation Strategies. Product of a Workshop held at Michigan Technological University, Houghton, Michigan, October 16-17, 2015. Sponsored by the National Science Foundation (Award #1541816). Watkins, D., ... K.E. Halvorsen et al.
- 2011 Becker, D.R., Abbas, D., **Halvorsen, K.E.**, Jakes, P.J., McCaffrey, S.M., Moseley C. 2011. Conventional wisdoms of biomass utilization: findings from federal case studies. In *Woody Biomass Utilization: Proceedings of the International Conference on Woody Biomass Utilization*, Starkville, MS. August 4-5, 2009. pp. 83-91. Edited by John R. Shelly, Forest Products Society, Madison, WI. ISBN-13:978-1-892529-60-2.
- 2009 Becker, Dennis, R., Dalia Abbas, **Kathleen E. Halvorsen**, Pamela J. Jakes Sarah M. McCaffrey, and Cassandra Moseley. 2009. **Characterizing Lessons Learned from Federal Biomass Removal Projects**. Joint Fire Science Program (USDA Forest Service and USDI Bureau of Land Management). JFSP Project 07-3-2-08.
- 2009 Dennis R. Becker, Paul DeLong, **Kathleen E. Halvorsen**, Kenneth Skog, Allison Hellman and Terry Mace. The Lake States Outlook for Sustainable Forest Bioenergy and Biofuels Production. In Alaric Sample (Ed). *The Future of Wood Bioenergy in the United States: Defining Sustainability, Status, Trends and Outlooks for Regional Development*. (Pinchot Institute: Washington DC).
- 2008 David R. Shonnard, Jeffrey D. Naber, Qiong Zhang, Ann L. Maclean, **Kathleen E. Halvorsen**, and John W. Sutherland. **Wood to Wheels: A**

Multidisciplinary Research Initiative in Sustainable Transportation Utilizing Fuels and Co-products from Forest Resources. In

Author: Zalesny, Ronald S., Jr.; Mitchell, Rob; Richardson, Jim, (eds.) *Biofuels, bioenergy, and bioproducts from sustainable agricultural and forest crops: proceedings of the short rotation crops international conference.* Source: Gen. Tech. Rep. NRS-P-31. Newtown Square, PA: U.S. Department of Agriculture, Forest Service, Northern Research Station. Pp. 53.

2004 **Strengths and Weaknesses of Great Lakes Onsite Sewage System Regulatory Programs.** K.E. Halvorsen, H.S. Gorman, and K. Bradof. Michigan Technological University.

1994 **Policies and Mythologies of the US Forest Service: A Conversation with Employees.** Research Report for: Director, Pacific Northwest Experiment Station and Chief, USDA Forest Service. (By Research Team: Brian J. Boyle, Dr. Margaret A. Shannon, Robert A. Rose, **Kathleen E. Halvorsen**, Dr. H. Stuart Elway).

1994 **Principles of Sustainability.** Institute Research Report. Social Science Research Group. Institute for Resources in Society, College of Forest Resources, University of Washington. (Social Science Research Group consists of Alex Antypas, **Kathleen Halvorsen**, Ajit Krishnaswamy, Rebecca McLain, Leanne Schroeder, Dr. Margaret A. Shannon, Gordon Smith).

FUNDED GRANTS

Title	Sponsor	Start & End Date	Amount
<p>Convergence: Collaborative Research: GCR: Foundations for a Convergent Discipline in Socio-Technological System Transitions through Research on Michigan Community and Anishinaabe Renewable Energy Sovereignty [MICARES]. (PI of Lead Institution) Halvorsen</p>	<p>National Science Foundation Convergence Program (Recommended for Funding by Program Officers)</p>	<p>2019-2024</p>	<p>\$2,723,647 (MTU portion) \$3,689,943 (Total includes Michigan State Collaborative Portion)</p>

Navigating the New Arctic (NNA) Track 1: Collaborative Research: Pursuing Opportunities for Long-term Arctic Resilience for Infrastructure and Society (POLARIS). (Senior Personnel) Halvorsen	National Science Foundation Arctic System Science Program	2019-2023	\$185,000 (MTU portion) \$3,000,000 (Total)
Convergence Navigating the New Arctic (NNA): Coordinate a Transdisciplinary Research Network to Identify Challenges of and Solutions to Permafrost Coastal Erosion and Its Socioecological Impacts in the Arctic (CoPI) Halvorsen	National Science Foundation Arctic System Science Program	2018-2022	\$500,000
NSF INFEWS/T3: Reducing Household Food, Energy and Water Consumption: A Quantitative Analysis of Interventions and Impacts of Conservation (Senior Personnel) Halvorsen	NSF Innovations in the Food, Energy, Water Nexus Program	2016-2021	\$3,000,000
NSF INFEWS Workshop Grant: Coupled Production-Consumption Systems for Climate Change Mitigation (CoPI) Halvorsen	National Science Foundation	2015-2016	\$48,000
InterAmerican Institute for Global Change Research (IAI): Interdisciplinary Science Team Skill Building to Study Socioecological Impacts from Bioenergy Development across the Americas (PI) Halvorsen	InterAmerican Institute for Global Change Research	2014-2017	\$200,000
NSF Coupled Natural and Human Systems (CNH): Experimental Frameworks for Evaluating Net Effects of Hydrologic Service Payments on Coupled Social-Ecohydrological Systems (CoPI) Halvorsen	National Science Foundation Coupled Natural and Human Systems Program	2014-2018	\$1,499,000
NSF OISE-PIRE: Sustainability, Ecosystem Services, and Bioenergy Development across the Americas (PI) Halvorsen + 130 Brazilian, Mexican, Canadian, Argentine, and USA students and scientists	National Science Foundation (NSF) Partnerships in International Research and Education	2012-2018	\$4,841,735
NSF RCN-SEES: A Research Coordination Network on Pan American Biofuels and Bioenergy Sustainability (CoPI) Halvorsen	NSF Research Coordination Network Program	2011-2016	\$750,000

NSF WSC 1: Humans, Hydrology, Climate Change, and Ecosystems - An Integrated Analysis of Water Resources and Ecosystem Services in the Great Lakes Basin (Planning Grant) (CoPI) Halvorsen	NSF Water, Sustainability, and Climate Program	2010-2012	\$162,000
NSF IDR: Sustainable Water Resources Scenarios for Rural Communities under Climate Change: Can State-of-the-Art Forecast Tools Provide Feasible Outcomes in Data Sparse Regions? (CoPI) Halvorsen	NSF Interdisciplinary Research Program	2010-2015	\$317,000
NSF GK12: GlobalWatershed: Integrating Rural and Global Perspectives with Research and Technological Advances (CoPI) Halvorsen	NSF GK12	2009-2016	\$2,500,000
NSF OISE: Biocomplexity of Hydrological Service Payments and Watershed Sustainability in Mexico (SP) Halvorsen	NSF OISE	2009-2010	\$34,600
USAID TIES: Enhancing the Capacity for Sustainable Forest Management in Chiapas and Oaxaca (CoPI) Halvorsen	USAID TIES	2009-2011	\$249,999
Center for Energy Excellence for Cellulosic Ethanol: Project 2: Increasing availability of feedstocks and ensuring sustainability (CoPI) Halvorsen	Michigan Economic Development Corps	2009-2010	\$520,894
NSF MUSES:Biocomplexity: Lignocellulosic ethanol in the upper Midwest (CoPI) Halvorsen	NSF MUSES	2005-10	\$1,700,000
NSF Cellulosic Ethanol Potentials and Obstacles in the Upper Midwestern United States (PI Kathleen Halvorsen)	USDA McIntire-Stennis	2006-14	\$56,000
MTU Women and Minority Scholar Grant to Fund Chinese Academy of Forestry Bioenergy Scientist Dr. Hu Yanjie Visit	Michigan Technological University	2010	\$1750
JFSP: Characterizing Lessons Learned from Federal Biomass Removal Projects (CoPI) Halvorsen	Joint Fire Science Program/USFS/BLM	2007-9	\$187,502
NSF: Engaging Social Scientists in the WATERS Initiative (CoPI) Halvorsen	NSF	2008-9	\$10,600

The Effect of Climate Change Beliefs and Values on Support/Use of Alternative Fuels Like Cellulosic Ethanol (CoPI) Halvorsen	NSF SURF (MTU competition)	2008	\$3000
Social Effects of Lignocellulose Biofuel Production in the Upper Midwest (Co-PI Kathleen Halvorsen, PI Stuart Kramer, undergrad in Applied Ecology)	NSF SURF (MTU competition)	2007	\$3000
Creation of Center for Water and Society (CoPI) Halvorsen	MTU Research Excellence Fund	2005-6	\$55,000
Wind Energy in the Upper Midwest (PI Kathleen Halvorsen)	MTU Faculty Development Grant	2006-7	\$1000
Land Use Planning in the Western Upper Peninsula of Michigan (PI Kathleen Halvorsen)	USDA McIntire Stennis:	2003-6	\$21,000
Lignocellulosic ethanol in the Upper Midwest (CoPI) Halvorsen	NSF MUSES Planning Grant	2004-5	\$114,498
Gaps in Great Lakes Septic Regulatory Programs (PI) Halvorsen	Joyce Foundation	2002-4	\$81,000
Sustainability IGERT (SP) Halvorsen	NSF IGERT	2000-2007	\$2,000,000

RECENT PRESENTATIONS AND WORKSHOPS

- 2019 **Invited Presentation:** Team science and socioeconomic science-rich transdisciplinary research. K.E. Halvorsen. Department of Agricultural Economics, Sociology, and Education, Pennsylvania State University, State College, PA. September.
- 2019 The importance of suppliers for bioenergy development: a socio-political case study. Dunn, J.L. and K.E. Halvorsen. Oak Ridge National Laboratory Center for Bioenergy and Sustainability, Oak Ridge, TN.
- 2019 Situating energy in the food, energy, water nexus. Schelly, C. and K.E. Halvorsen, Co-organizers. Organized session at ISSRM Conference, Oshkosh, WI. June.
- 2019 Food, energy, and water conservation: shaping pro-environmental behavioral intentions. J. Slattery, K.E. Halvorsen, K. Floress, R. Shwom, C. Cuite, C. Schelly, W.J. Lytle. ISSRM Conference, Oshkosh WI. June.
- 2019 Building team science capacity at a technological University. K.E. Halvorsen, Science of Team Science Conference, Lansing, MI, May.
- 2018 The IPCC Special Report on Global Warming of 1.5 °C: Next Steps. K.E. Halvorsen. **Invited Keynote presentation** at Michigan State University

- ESPP Research Symposium: Balancing Act: Food, Water, Energy, Climate. November.
- 2018 Birds and Bioenergy: Community Values and Avian Protection within a Cross-national Context. KE Halvorsen, JL Knowlton, DJ Flaspohler. **Invited presentation** in the Rural Issues Seminar at University of New Brunswick, Fredericton, NB. September.
- 2018 Birds and Bioenergy: Community Values and Avian Protection within a Cross-national Context. KE Halvorsen, JL Knowlton, DJ Flaspohler. **Invited presentation** at University of Maine, Orono, ME. September.
- 2018 Investigating the food-energy-water (FEW) nexus through interdisciplinary teamwork. KE Halvorsen, D Watkins, C Schelly, WJ Lytle, J Slattery. **Invited presentation** at Wheaton College, Norton, MA. September.
- 2018 Socioecological Tradeoffs of Forest-related Bioenergy Projects across the Americas. KE Halvorsen, JL Knowlton, DJ Flaspohler. **Invited presentation** at Bryant University, Smithfield, Rhode Island. September.
- 2018 Session organized (with Ashley Dayer) at North American Conference on Conservation Biology at Toronto, Ontario. July.
- 2018 Social Values and Biodiversity Protection in a Bioenergy Feedstock Cultivation Landscape. K.E. Halvorsen and J.L. Knowlton Paper given at North American Conference on Conservation Biology at Toronto, Ontario. July.
- 2018 Adaptive Governance as a Tool for Sustainable Bioenergy Development in Wisconsin. J.L. Dunn, K.E. Halvorsen, Jesse Abrams. Paper at North American Conference on Conservation Biology at Toronto, Ontario. July.
- 2018 Session Organized “Biodiversity, Bioenergy, and Sustainability across the Americas” (With David Flaspohler) at North American Conference on Conservation Biology at Toronto, Ontario. July.
- 2018 Systems thinking and the food, energy, water nexus: Distinctions, systems, and relationships from the household perspective Kristin Floress, Holly Berman, Cara Cuite, Robert Handler, Kathleen Halvorsen, William Lytle, Chelsea Schelly, Charles Wallace. Paper presented at the International Symposium on Society and Resource Management (ISSRM), Snowbird, Utah. June.
- 2018 The food-energy-water (FEW) nexus: a review of downstream consumer behavior theories. Jacob Slattery*, Kathleen E. Halvorsen, Kristin Floress, Chelsea Schelly, Rachael Shwom, Cara Cuite, Will Lytle. Paper presented

- at the International Symposium on Society and Resource Management (ISSRM), Snowbird, Utah. June.
- 2018 Community perceptions of climate change and adaptation strategies in Tabasco, Mexico. Erin Pischke, M. Azahara Mesa-Jurado, Amarella Eastmond, Jesse Abrams, Kathleen E. Halvorsen Paper presented at the International Symposium on Society and Resource Management (ISSRM), Snowbird, Utah. June.
- 2018 Birds and bioenergy: Community values and avian protection within a cross-national context. Kathleen E. Halvorsen, Jessie Knowlton Paper presented at the International Symposium on Society and Resource Management (ISSRM), Snowbird, Utah. June.
- 2018 Community perceptions of ecosystem services under land use transformation in the Sierra de Tabasco region, Mexico. M. Azahara Mesa-Jurado, Erin C. Pischke, Jesse Abrams, Amarella Eastmond, Kathleen Halvorsen. Paper presented at the International Symposium on Society and Resource Management (ISSRM), Snowbird, Utah. June.
- 2018 Collaborative governance and Wisconsin’s biomass harvesting guidelines. Jennifer Dunn, Kathleen E. Halvorsen, Chelsea Schelly, Jesse Abrams. Paper presented at the International Symposium on Society and Resource Management (ISSRM), Snowbird, Utah. June.
- 2018 Organized Session BIOPIRE Session 2: Ecosystem Services, Climate Change, and Bioenergy: Assessing the Tradeoffs across Countries at the International Symposium on Society and Resource Management (ISSRM), Snowbird, Utah. June.
- 2018 Organized Panel “Integrating Social and Natural Sciences in Natural Resources: Lessons Learned in Diverse Contexts” (with Ashley Dayer) at the International Symposium on Society and Resource Management (ISSRM), Snowbird, Utah. June.
- 2018 Bentley, N., J.L. Dunn, and K.E. Halvorsen. Barriers to Wood Bioenergy Production in Wisconsin, USA. Poster presented at the International Symposium on Society and Resource Management (ISSRM), Snowbird, Utah. June.
- 2018 Ferguson, K., J.L. Dunn, and K.E. Halvorsen. Forest Landowner and stakeholder perceptions of certification programs. Poster presented at the International Symposium on Society and Resource Management (ISSRM), Snowbird, Utah. June.

- 2017 J. Dunn and K.E. Halvorsen. Wisconsin, USA State and Federal Policies and Forest-related Bioelectricity Development. International Symposium on Society and Resource Management Conference (ISSRM). Umea, Sweden. June.
- 2017 K.E. Halvorsen. Cross-national Comparison of Forest-related Bioenergy Project Perceptions International Symposium on Society and Resource Management Conference (ISSRM). Umea, Sweden. June.
- 2017 E. Pischke, J.L. Knowlton, A. Mesa, K.E. Halvorsen. Environmental Values and Biodiversity Impacts of Oil Palm Plantations in Tabasco, Mexico. International Symposium on Society and Resource Management Conference (ISSRM). Umea, Sweden. June.
- 2017 Chelsea Schelly, Rachael Shwom, Kristin Floress, Cara Cuite, Kathleen E. Halvorsen, David Watkins, and Datu Buyung Agusdinata. "The Future of Energy as an Integrated Nexus: Embedding Energy in Direct and Indirect Household Service Provision," Presented at the 2017 Western Social Sciences Association Conference, San Francisco, April 2017
- 2017 Co-organizer: Inter-American Institute for Global Change Research (IAI) Professional Development Seminar Workshop on Transdisciplinary Approaches to Integrating Policy and Science for Sustainability. Calgary, Canada. October.
- 2017 **Invited Presentation:** Michigan Tech Research Forum Tech Talks. Climate Mitigation through Food-Energy-Water (FEW) Conservation.
- 2016 Co-organizer: Inter-American Institute for Global Change Research (IAI) Professional Development Seminar Workshop on Transdisciplinary Approaches to Integrating Policy and Science for Sustainability. Puerto Plata, Dominican Republic. November-December.
- 2016 **Invited Presentation:** "Introduction to interdisciplinary research. Why interdisciplinary research?" Inter-American Institute for Global Change Research (IAI) Professional Development Seminar Workshop on Transdisciplinary Approaches to Integrating Policy and Science for Sustainability. Puerto Plata, Dominican Republic. November-December.
- 2016 **Invited Presentation:** "Theory of interdisciplinary approaches" Inter-American Institute for Global Change Research (IAI) Professional Development Seminar Workshop on Transdisciplinary Approaches to Integrating Policy and Science for Sustainability. Puerto Plata, Dominican Republic. November-December.
- 2016 **Invited Presentation:** "Proposal development" Inter-American Institute

for Global Change Research (IAI) Professional Development Seminar Workshop on Transdisciplinary Approaches to Integrating Policy and Science for Sustainability. Puerto Plata, Dominican Republic. November-December.

- 2016 **Co-organizer:** with K. Sherren, J. Jacquet, and K.E. Halvorsen, Energy Landscapes and Transitions Sessions A-E. ISSRM Conference, Houghton MI USA, June.
- 2016 K. E. Halvorsen, Overview of Forest-related Bioenergy Impacts across the Americas. ISSRM Conference, Houghton MI USA, June.
- 2016 A. Banerjee, K.E. Halvorsen, Jatropha-based biodiesel production in Yucatan, Mexico and Wisconsin, USA. ISSRM Conference, Houghton MI USA, June.
- 2016 E. Pischke, K.E. Halvorsen, Public perceptions of nascent Mexican bioenergy development. ISSRM Conference, Houghton MI USA, June.
- 2016 J. Dunn, K.E. Halvorsen, Midwest forest landowners' environmental orientations and willingness to participate in bioenergy markets. ISSRM Conference, Houghton MI USA, June.
- 2016 **Invited Presentation:** National Science Foundation Annual Partnerships in International Research and Education (PIRE) PI Meeting "Challenges and Solutions to PIRE Teamwork" Author: Kathleen E. Halvorsen, May 16-17th, Arlington, VA.
- 2016 **Invited Presentation:** MTU Biological Sciences Seminar "The Socioecological Tradeoffs of Climate Change Mitigation: Understanding Bioenergy Impacts across the Americas" Author: Kathleen E. Halvorsen, April 15th.
- 2016 **Invited Keynote Presentation:** Michigan State University Fate of the Earth Symposium, "Consumption, the Food-Energy-Water Nexus, and Climate Change Mitigation" Co-authors: Kathleen E. Halvorsen and Rachael Shwom, April 2-4th.
- 2016 **Invited Presentation:** ICCARS Climate Change Series "Public Perceptions of Climate Change" Author: Kathleen E. Halvorsen, February 5th.
- 2015 **Invited Presentation:** Inter-American Institute for Global Change Research CRN PI Meeting, "Transdisciplinary Scientific Teamwork Skill Building" Author: Kathleen E. Halvorsen, Buenos Aires, Argentina, December 1st.

- 2015 Co-organizer: NSF INFEW Workshop: Coupled Production-Consumption Systems for Climate Change Mitigation, Michigan Technological University, October.
- 2015 Session Organized: The Socioecological Tradeoffs of Climate Change Mitigation: Understanding Bioenergy Impacts across the Americas
Author: Kathleen E Halvorsen. International Symposium on Society and Resource Management. Charleston, SC USA. June.
- 2015 Paper Presented: “One Hundred Students and Investigators across Seven Bioenergy Projects, Three Languages, Six Countries, One Thousand Qualitative Interviews, and Five Years: An Overview of our National Science Foundation PIRE Project” Authors: K.E. Halvorsen, A. Banerjee, J.L. Dunn, E.C. Pischke, C.L. Schelly, S.R. Sweitz, E.C. Nielsen, J.B. Abrams, A. Eastmond Garcia, C. Moseley, C. Silva. International Symposium on Society and Resource Management. Charleston, SC USA. June.
- 2015 Paper Presented: “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 International Symposium on Society and Resource Management. Charleston, SC USA. June.
- 2015 Paper Presented: “Community Perceptions of Mexican and Argentine Bioenergy Projects” Authors: E. C. Pischke, K. E. Halvorsen, A. Banerjee, J. L. Dunn^a, A. Eastmond, S. R. Sweitz, E. A. Nielsen, C. Silva, J. B. Abrams, C. Moseley International Symposium on Society and Resource Management. Charleston, SC USA. June.
- 2015 Paper Presented: “Community perceptions of Canadian and USA bioenergy projects” Authors: J.L. Dunn, K.E. Halvorsen, A. Banerjee, E.C. Pischke, C.L. Schelly International Symposium on Society and Resource Management. Charleston, SC USA. June.
- 2015 Paper Presented: “A conceptual model for assessing the public’s attitudes toward bioenergy production across the Americas” Authors: B. Barnett, B.D. Solomon, K.E. Halvorsen, E.A. Nielsen, C.L. Schelly, J.B. Abrams, A. Eastmond, R. Medeiros, C. Moseley, R.G. Pinto, T. Selfa International Symposium on Society and Resource Management. Charleston, SC USA. June.
- 2015 Session Organized: “The Socioecological Impacts of Forest-related Bioenergy Development across the Americas” Authorship: Kathleen E. Halvorsen, Jesse B. Abrams, Chelsea Schelly, Aparajita Banerjee, Cassandra Moseley, Jennifer L. Dunn Western Social Science Association Conference, Portland Oregon. April.

- 2015 Paper Presented: “Project Overview: Assessing the Socioecological Impacts from Forest-related Bioenergy Development across the Americas.” Kathleen E. Halvorsen, Jesse B. Abrams, Chelsea Schelly, Aparajita Banerjee, Cassandra Moseley², Jennifer L. Dunn¹ Western Social Science Association Conference, Portland Oregon. April.
- 2015 Paper Presented: “Public Perceptions of Bioenergy Development: Issues of Scale Shaping Support” Chelsea Schelly, Aparajita Banerjee, and Kathleen E. Halvorsen Western Social Science Association Conference, Portland Oregon. April.
- 2015 Paper Presented: “A Comparison of Socioeconomic Impacts of Bioenergy Development in Yucatan, Mexico and Wisconsin, USA” Aparajita Banerjee¹, Kathleen E. Halvorsen, Chelsea Schelly, Jesse Abrams, and Cassandra Moseley Western Social Science Association Conference, Portland Oregon. April.
- 2014 Paper Presented: “Participant Impacts from a Participatory Modeling Workshop in Sonora, Mexico” at the International Symposium on Society and Resource Management Conference (ISSRM) at Hanover, Germany. With Augustin Robles Morua and Alex S. Mayer.
- 2014 **Invited Keynote Presentation** at University of Illinois Champaign-Urbana in the Energy from Biomass Institute (EBI) speaker series. “Impacts of Bioenergy Development across the Americas.”

* Supervised *graduate or **undergraduate student.

Graduate Students Advised:

Doctoral:

Jacob Slattery, Current PhD Student in Environmental and Energy Policy (2017-2020), Social Sciences, Michigan Technological University.

Jennifer Dunn, Graduated 2018. PhD Student in Environmental and Energy Policy (2014-2018), Social Sciences, Michigan Technological University. Dissertation Title: Wisconsin Non-industrial Private Forest Landowners and Wood-based Bioenergy.

Erin Pischke, Graduated 2017. PhD Student in Environmental and Energy Policy (2014-2017), Social Sciences, Michigan Technological University. Dissertation Title: Understanding Perceptions of Barriers to International, Interdisciplinary Scientific Teamwork and the Expansion of Mexican Oil Palm Plantations.

Aparajita Banerjee, Graduated 2017. PhD Student in Environmental and Energy Policy (2011-2017), Social Sciences. Dissertation Title: Bioenergy Development in Mexico and

the United States: Policy Choices, Policy Comparison and Public Perception of Policy Impacts.

Andrew Kozich, Graduated 2016. PhD Student in Forest Sciences, (2009-2016) School of Forest Resources and Environmental Science, Michigan Technological University. Dissertation Title: Tribal Community and Regional Perspectives on Climate Change and Water Resources in the Great Lakes Region

Agustin Robles Morua, Graduated 2010. PhD in Environmental Engineering, Co-advised with Alex S. Mayer. Dissertation Title: *Integrated Water and Sanitation Solutions for the Upper Sonora River Basin (Northwest, Mexico)*.

Masters:

David J. Kossak, Graduated 2014. Masters in Forestry. Thesis Title: *Participant Impacts from a Participatory Modeling Workshop in Sonora, Mexico*.

Tonis Tonisson, Graduated 2012. MS Student in Forest Ecology and Management (MTU) and MS in Forestry (Swedish Agricultural University). Atlantis Exchange Student.

Ellen Brenna, Graduated 2012. MS in Environmental Policy, Department of Social Sciences. Thesis Title: *Perceptions of water conditions and management in the Sonora River Basin, Sonora, Mexico*.

Brian Pattullo, Graduated 2013. Masters Student in Environmental Policy, Department of Social Sciences.

Ellis Adams, Graduated 2011 MS Student in Environmental Policy, Department of Social Sciences. Thesis Title: *Global Water Privatization and Nongovernmental Organization Staff Perceptions*.

Karl Makinen, 2010 MS in Environmental Policy, Department of Social Sciences. Thesis Title: *Balancing Wildlife and Bioenergy on Private Forestlands*.

Susan Balint, 2009. MS in Environmental Policy, Department of Social Sciences. Thesis title: *Federal and State Policy Influence on Woody Biomass Utilization*.

Andrew Kozich, 2009. MS in Environmental Policy, Department of Social Sciences. Thesis title: *Wetland Mitigation in Michigan's Upper Peninsula: Compliance with Site Monitoring and Invasive Plant Species Standards*.

Gerald Greer, 2007. MS in Environmental Policy, Department of Social Sciences. Thesis title: *Barriers Impeding Success of Local Watershed Groups in Michigan's Upper Peninsula*.

Smriti Dahal, 2007. MS in Environmental Policy, Department of Social Sciences. Thesis title: *Nepali Community Forestry and a Case Study of a Model Women's Forest User Group*.

Joy Wang, 2005. MS in Environmental Policy, Department of Social Sciences. Thesis title: *Non-agricultural Uses of Farmland and Official Decision Making Regarding Farmland Uses in China*.

Robert Staves, 2005. MS in Environmental Policy, Department of Social Sciences. Project Paper Title: *Environmental Justice, Lead Issues, and Children*.

Matt Zumstein, 2005. MS in Peace Corps Fellows USDA Forest Program in the School of Forest Resources and Environmental Science. Project Paper Title: *The USDA Forest Service: Public Participation and Content Analysis*.

Melanie Barbier, 2003. MS in Environmental Policy, Department of Social Sciences. Thesis Title: *Been Here's versus Come Here's: Community and Conflict in Local Land Use Planning*.

Susan Joyce, 2003. MS in Peace Corps Fellows USDA Forest Program in the School of Forest Resources and Environmental Science. Project Paper: *Pleasing all the People None of the Time: The Challenges of Forest Planning*.

Angela McGrail, 2003. MS in Peace Corps Fellows USDA Forest Program in the School of Forest Resources and Environmental Science. Project Paper: *Public Participation in National Forest Land and Resource Management Planning*.

Melissa Hornyak, 2001. MS in Environmental Policy, Department of Social Sciences. Thesis Title: *Wetlands Permitting in the Western Upper Peninsula of Michigan: A Study of Mitigation and Monitoring*.

Carolyn VanderSchee, 2001. MS in Environmental Policy, Department of Social Sciences. Thesis Title: *Administrative Structure, Autonomy, Health, and Disciplinary Composition of Environmentally Related Programs at Private Liberal Arts Colleges and Universities*.

Michelle Jarvie, 1999. MS in Environmental Policy, Department of Social Sciences. Thesis Title: *Working Class Women and Participation in Environmental Politics*.

Krista Markovic, 1997. MS in Forestry. Co-advised with Tom Waite.

Melinda Mosser, 1997. MS in Forestry.

Doctoral Student Committees:

Mohammed Hanif, Current. PhD student Arizona State University. Sustainability Science and Engineering.

Will Lytle, 2017 to Current. PhD student in Environmental and Energy Policy.

Timothy Jenkins, Graduated 2014, PhD, Mechanical Engineering and Engineering Mechanics (Dissertation on the policy and modeling dimensions of cellulosic ethanol feedstock supply modeling)

John Martin Holtgren, Graduated 2014. PhD, Biological Sciences (Dissertation on the sociological dimensions of fisheries co-management with tribal Members and the Department of Natural Resources)

Rudiger Escobar, Graduated 2013. PhD, Geological and Mining Engineering and Sciences (Dissertation on volcanological modeling and the sociological dimensions of volcanic risk in Guatemala)

Michael Brodeur-Campbell, Graduated 2012. PhD in Chemical Engineering (Dissertation on the policy and chemical engineering dimensions of cellulosic ethanol feedstock processes)

Jill Jensen, Graduated 2009. PhD in Chemical Engineering (Dissertation: Cellulosic Ethanol: Optimization of Dilute Acid and Enzymatic Hydrolysis Processing of Forest Resources and Switchgrass)

Margaret Falersweany, 2001. Doctorate in Rhetoric and Technical Communication. Dissertation Title: *A Rhetoric of Deliberative Decision-Making: The Rhetorical Situation in Global Climate Change Hearings.*

Harrison Carpenter, 2001. Doctorate in Rhetoric and Technical Communication. Dissertation: *Practicing Our Preaching": Rhetoric and Technical Communication in American Forestry Discourse, 1905-54.*

Recent Masters Student Committees:

Michael Rood, MF in Forestry, Michigan Technological University. 2015-2016.

David Gilmore, MF in Forestry, Michigan Technological University. 2015-2016.

CURRENT PROFESSIONAL MEMBERSHIPS

Public Responsibility in Medicine and Research (PRIM&R), Society of Research Administrators International (SRAI), National Council of University Research Administrators (NCURA), National Organization of Research Development Professionals (NORDP), Association of University Technology Managers (AUTM), American Indian Science and Engineering Society (AISES), Association for Environmental Studies and Science (AESS)

JOURNAL EDITORSHIPS

2016-2020 Associate Editor *Environmental Management*

2017-Present Associate Editor *Regions and Cohesion*

RECENT EXTERNAL TENURE AND PROMOTION REVIEWS

- 2020 University of Maryland, Department of Geographical Sciences.
- 2019 USDA Forest Service Research Station, Promotion Reference for Rocky Mountain Research Station Scientist promotion.
- 2019 USDA Forest Service Research Station, Promotion Reference for Northern Research Station scientist promotion.
- 2017 Colorado State University, Department of Human Dimensions of Natural Resources.
- 2016 Colorado State University, Department of Forest and Rangeland Stewardship
- 2016 North Carolina State University.
- 2016 University of Maine, School of Forest Resources.

RECENT EXTERNAL UNIVERSITY COLLEGE REVIEWS

- 2016 Reviewed University of Vermont, Rubenstein College of Natural Resources and Environment. Member of Onsite Review Panel.

RECENT PROPOSAL REVIEW PANELS

- 2019 Southern Illinois University McIntire-Stennis proposal reviewer.
- 2019 National Science Foundation NRT Panel.
- 2019 Canadian Killam Fellowship reviewer.
- 2018 National Science Foundation NRT Panel.
- 2018 National Science Foundation LTER Panel.
- 2017 National Science Foundation PIRE Panel.
- 2015 National Science Foundation EPSCOR Panel.
- 2015 National Science Foundation PIRE Panel.
- 2012 National Science Foundation Water, Sustainability and Climate Change Planning Grant Review Panel.
- 2011 United States Department of Agriculture NIFA SBIR Panel.
- 2010 American Association for the Advancement of Science Agroecology Proposals Panel.
- 2010 Environmental Protection Agency, GRO Undergraduate Research Panel
- 2009 National Science Foundation Interdisciplinary Graduate Education and Research Traineeship (IGERT) Program Panel
- 2009 National Science Foundation GK12 Science and Education Program Panel
- 2007 Environmental Protection Agency STAR Panel.
- 2006 Environmental Protection Agency Environmental Decision Making Grants Panel.

UNIVERSITY SERVICE

Michigan Technological University

University-wide Affiliations

- 2009-Present Ecosystem Science Center, Michigan Technological University.
- 2003-Present Sustainable Futures Institute, Michigan Technological University.
- 2005-2015 Center for Water and Society, Michigan Technological University.

Department of Social Sciences

- 2015-2017 Member of Sustainability and Social Science Major Program Creation Committee.

2015-2018 Member of Graduate Program Committee.
 2015-2016 Chair, Energy Policy Faculty Position Committee.
 2013-2015 Social Sciences Department Promotion and Tenure Committee,
 Committee Chair 2014-2015.
 2012-2013 Social Sciences Department Search Committee: Sociology.
 2010-2011 Chair, Faculty Search Committee: Two Positions in Energy and
 Environmental Policy Faculty.
 1995-2017 Environmental and Energy Policy Graduate Committee..
 2013-2016 Environmental and Energy Policy Graduate Committee, Webpage
 Subcommittee.
 2003-9 Graduate Director of Environmental Policy Masters Program.
 2008 Co-chair, Social Science Chair Search.
 2005-8 Promotion and Tenure Committee.
 2004-5 Academic Coordinator for Peace Corps/Environmental Protection Agency
 Fellows Masters Program.
 2002-3 Organizer Environmental Policy Masters Seminar Series.
 2001-2 Curriculum Committee.
 2000-1 Computer Committee.
 1999-2000 Travel Grants Committee.
 1996-9 Computer Committee (Chair 1997-8).
 1997-8 Sociology Curriculum Revision (Chair).
 1997-8 Teaching Award Committee.
 1996-7 Coordinator for North Central Association Assessment SS131
 Contemporary Society.

School of Forest Resources and Environmental Science

2016-18 International Committee.
 2014-15 Natural Resource Management Faculty Position Search Committee, Co-
 Chair.
 2013-16 Graduate Studies Committee.
 2008-11 Tenure and Promotion Committee, Chair 2010-11.
 2007 Forest Ecology Faculty Search Committee.
 2005-6 Forest Hydrology Faculty Search Committee.
 2002-5 Academic Coordinator for Peace Corps/Forest Service Fellows Masters
 Program.
 2002-3 Biotechnology Faculty Search Committee.
 2001-2 Quantitative Ecologist Faculty Search Committee.
 1996-9 Curriculum Committee (Chair 1997-8). Facilitated Faculty Retreat on
 Curriculum Revision for Semester Conversion.

University-wide Committees

2019-2020 Advanced Career Management Committee (ACM), Tatyana
 Karabencheva-Christova, External Member.
 2019-2020 Early Career Management (ECM), Research-Intensive Affinity Group.
 2019-2020 Member of College of Sciences and Arts Promotion and Tenure
 Committee.
 2015-2018 Member of College of Sciences and Arts Promotion and Tenure

- Committee.
- 2015-2017 VP for Research, Research Award Applicant Reviewer.
- 2009-2012 ADVANCE Grant, Computing Subcommittee.
- 2007-2008 Strategic Faculty Hiring Initiative, Sustainability Positions.
- 2007 College of Sciences and Arts Dean Search Committee.
- 2005-2010 Center for Water and Society Advisory Committee.
Subcommittees: Symposia Subcommittee; Degrees Subcommittee.
- 2003-2005 Distinguished Faculty Service Award Committee.

RECENT PROFESSIONAL AND REGIONAL SERVICE

- 2018-2020 Executive Director, International Association for Society and Natural Resources (IASNR).
- 2019 Co-Chair, Innovations in the Science of Team Science (INSCITS) SIG Group on Academic Team Science Transformation.
- 2019-Present Copper Country Rock and Mineral Club Treasurer; 2018-2019 Treasurer
- 2016-2018 Keweenaw Climate Community Co-organizer.
- 2015-2020 Society for Conservation Biology Social Sciences Working Group Council Member.
- 2016-2020 Associate Editor, *Environmental Management*.
- 2013-2016 Co-Organizer of ISSRM 2016 Conference in Houghton, MI, USA.
- 2015-2020 IASNR Communications Committee.
- 2015-2018 Journal of Forestry Social Sciences Associate Editor.
- 2011-2014 International Union of Forest Resource Organizations (IUFRO) Task Force on Forests and Water.
- 2010-2011 National Academy of Sciences, National Research Council, Committee on the Economic and Environmental Impacts of Increasing Biofuels Production.
- 2010-2015 Member, Research Advisory Board NSF Biofuels and Climate Change: Farmers Land Use Decisions Project, University of Kansas/Kansas State University. EPSCOR Grant.
- 2008-2014 International Association for Society and Natural Resources, Elected Council Member.
- 2008-2012 Society for Human Ecology, Second Vice President.
- 2006-2012 Society for Human Ecology, Board Member.
- 2006-2012 Associate Editor, *Society and Natural Resources*.
- 2006-2012 Editorial Board Member, *Environmental Management*.
- 2004-2013 Chair, Membership Committee, International Association for Society and Natural Resources.