

# JAMIE MCEVOY

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Associate Extension Specialist, Department of Environmental Science  
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## EDUCATION

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- **Ph.D. Geography and Development, Minor: Geography-Water Policy**  
Dissertation Title: *Desalination and Development: The Technological Transformation of the Gulf of California in the Face of Climate Change*  
Committee: Drs. Margaret Wilder, Diana Liverman, Paul Robbins, Marv Waterstone  
University of Arizona, August 2013
- **M.S. Environmental Sociology**  
Thesis title: *Male Out-Migration and the Women Left Behind: A Case Study of a Small Farming Community in Southeastern Mexico.*  
Committee: Drs. Peggy Petrzelka, Claudia Radel, Susan Mannon  
Utah State University, August 2008
- **Professional Residency in Environmental Education**  
Teton Science Schools Graduate Program, August 2006
- **B.S. Environmental Studies, Minor: Spanish**  
Departmental Honors, Graduated Magna Cum Laude (3.859 GPA)  
Honors Thesis Title: *Viviendas Ecológicas: A Case Study of Sustainable Housing in Ciudad Obregón, Sonora, Mexico.*  
Utah State University, May 2002

**RESEARCH INTERESTS:** water governance, water management and policy, water equity, public perceptions, political ecology, science and technology studies, human-environment interactions, U.S.-Mexico border region, the U.S. West

## ACADEMIC APPOINTMENTS & EMPLOYMENT

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- Associate Director, Water Resources Research Center (April 2024-present), University of Arizona
- Associate Extension Specialist, (April 2024-present), Department of Environmental Science, University of Arizona
- Associate Professor of Geography (July 2019 – March 2024), Department of Earth Sciences, Montana State University

- Assistant Professor of Geography (Aug 2013 - June 2019), Department of Earth Sciences, Montana State University
- Research Fellow (2011-2013), School of Geography and Development, University of Arizona
- Research Associate (2008-2011), Udall Center for Studies in Public Policy, University of Arizona
- Research Assistant (2007-2008), Sociology Department, Utah State University

**PUBLICATIONS: PEER-REVIEWED JOURNAL ARTICLES**

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Note: \*Published during tenure review period at MSU; ^During promotion review period at MSU; ^^During promotion review period at UArizona; †With graduate student co-author

^†Cravens, A.E., Goolsby, J., Jedd, T., Bathke, D., Crausbay, S., Cooper, A., Dunham, J., Haigh, T., Hall, K.H., Hayes, M.J., **McEvoy, J.**, Poděbradská, M., Ramirez, A., Wickham E., and D. Zoanni. 2023. "The patchwork governance of ecologically available water: A case study in the Upper Missouri Headwaters, Montana, USA." *Journal of the American Water Resources Association*.

^†Moore, Megan and **Jamie McEvoy**. 2022. "'In Montana, You're Only a Week Away from Drought': Ranchers' Perspectives on Flood Irrigation and Beaver Mimicry as Drought Mitigation Strategies." *Rangelands* 44(4): 258-269.

^†Reinhold, A.M., Raile, E.D., Izurieta, C., **McEvoy, J.**, King, H.W., Poole, G.C., Ready, R., Bergmann, N.T., Shanahan, E.A. 2022. "Persuasion with Precision: Using Natural Language Processing to Improve Instrument Fidelity for Risk Communication Experimental Treatments" *Journal of Mixed Methods Research* 17(4) <https://doi.org/10.1177/15586898221096934>

^†Pfaeffle, Tori, Megan A. Moore, Amanda E. Cravens, **Jamie McEvoy**, Aparna Bamzai-Dodson. 2022. "Murky Waters: Divergent Ways Scientists, Practitioners, and Landowners Evaluate Beaver Mimicry." *Ecology and Society*. 27(1):41 <https://doi.org/10.5751/ES-13006-270141>

^†Raile, E.D., Shanahan, E.A., Ready, R., **McEvoy, J.**, Izurieta, C., Reinhold, A.M., Poole, G.C., Bergmann, N.T., King, H.W. 2021. "Narrative Risk Communication as a *Lingua Franca* for Environmental Hazard Preparation. *Environmental Communication*. 16(1): 108-124. DOI: 10.1080/17524032.2021.1966818

^†Raile, Eric, Shanahan, E.A., Ready, R., **McEvoy, J.**, Izurieta, C., Reinhold, A.M., Poole, G.C., Bergmann, N.T., and King, H.W. 2021. "Data from the Article: Narrative Risk Communication as a Lingua Franca for Environmental Hazard Preparation" *Dryad* 10.5061/dryad.47d7wm3dw.

^Cravens, A.E., Henderson, J., Friedman, J., Burkardt, N., Cooper, A.E., Haigh, T., Hayes, M.J., **McEvoy, J.**, Paladino, S., Wilke, A.K., Wilmer, H. 2021. "A Typology of Drought Decision Making: Synthesizing Across Cases to Understand Drought Preparedness and Response Actions." *Weather and Climate Extremes*. 33: 1-15.

^†Cravens, A.E., **McEvoy, J.**, Zoanni, D. Crausbay, S., Ramirez, A., and Cooper, A.E. 2021. Integrating Ecological Impacts: Perspectives of Drought in the Upper Missouri Headwaters, Montana. USA. *Weather, Climate & Society* 13(2): 363-376. DOI: 10.1175/WCAS-D-19-0111.1

^†Bergmann, Nicolas T., **Jamie McEvoy**, Elizabeth A. Shanahan, Eric D. Raile, Ann Marie Reinhold, Geoffrey C. Poole and Clemente Izurieta. 2020. Thinking Through Levees: How Political Agency Extends Beyond the Human Mind. *Annals of the American Association of Geographers* 110(3): 827-846. DOI: 10.1080/24694452.2019.1655387

^†Shanahan, E.A., Reinhold, A.M., Raile, E.D., Poole, G.C., Ready, R., **McEvoy, J.**, Izurieta, C., Bergmann, N., King, H. 2019. "Characters matter: How narratives shape affective responses to risk communication. *PLoS ONE* 14(12): e0225968. <https://doi.org/10.1371/journal.pone.0225968>

^†Raheem, Nejem, Cravens, Amanda E., Cross, Molly S., Shelley, Crausbay Ramirez, Aaron, **McEvoy, Jamie**, Zoanni, Dionne, Bathke, Deborah J., Hayes, Michael, Carter, Shawn, Rubenstein, Madeleine, Schwend, Ann, Hall, Kimberly, Suberu, Paul. 2019. "Planning for Ecological Drought: Integrating Ecosystem Services and Vulnerability Assessment." *WIREs: Water*. 6:e1352: 1-12. DOI: 10.1002/wat2.1352

- **Extension:** This paper was co-authored with a state water planner from the MT DNRC. The project was a collaboration between SNAPP researchers and an on-going National Drought Resiliency Program pilot project in the Upper Missouri Headwater Basin, MT. Research including hosting a two-day workshop with stakeholders on ecosystem services affected by drought and interviews with 44 stakeholders and resource managers. A graduate student was also involved in the research and authorship.

\* Elizabeth A. Shanahan, Eric D. Raile, French, Kate A., and **Jamie McEvoy**. 2018. "Bounded Stories: How Issue Frames and Narrative Settings Help to Construct Policy Realities" *Policy Studies Journal* 46(4): 922-948. doi: 10.1111/psj.12269.

\*Dunham, Jason B., Paul L. Angermeier, Shelley D. Crausbay, Amanda E. Cravens, Hannah Gosnell, **Jamie McEvoy**, Max A. Moritz, Nejem Raheem, and Todd Sanford. 2018. "Rivers are Social-Ecological Systems: Time to Integrate Human Dimensions into Riverscape Ecology and Management." *WIREs: Water*. Online First: 1-10. DOI: 10.1002/wat2.1291

\***McEvoy, Jamie**, Deborah J. Bathke, Nina Burkardt, Amanda E. Cravens, Tonya Haigh, Kimberly R. Hall, Michael J. Hayes, Theresa Jedd, Markéta Poděbradská, and Elliot Wickham. 2018. "Ecological Drought: Accounting for the Non-Human Impacts of Water Shortage in the Upper Missouri Headwaters Basin, Montana, USA." *Resources* 7(1), 14: 1-17. Special issue: New Water Regimes edited by Jody Emel and Alida Cantor.

\*†**McEvoy, Jamie**, Susan Gilbertz, Matthew Anderson, Kerri Jean Ormerod, and Nicolas Bergmann. 2017. "Cultural Theory of Risk as a Heuristic for Understanding Perceptions of Oil and Gas in Eastern Montana, USA." *The Extractive Industries & Society* 4(4): 852-859.

\*Mumme, Stephen Paul, **Jamie McEvoy**, Nicolas Pineda, Margaret Wilder. 2017. "Shipping Water Across the U.S-Mexico Border: International Governance Dimensions of Desalination Export." *Water International* 42(7): 777-793  
<http://dx.doi.org/10.1080/02508060.2017.1373320>.

\*†Holmes, Danika, **Jamie McEvoy**, Jean Dixon, Scott Payne. 2017. "A Geospatial Approach for Identifying and Exploring Potential Natural Water Storage Sites." *Water* 9(8), 585: 1-25  
doi:10.3390/w9080585

- \*Crausbay, Shelley D., Aaron R. Ramirez, Shawn L. Carter, Molly S. Cross, Kimberly R. Hall, Deborah J. Bathke, Julio L. Betancourt, Steve Colt, Amanda E. Cravens, Melinda S. Dalton, Jason B. Dunham, Lauren E. Hay, Michael J. Hayes, **Jamie McEvoy**, Chad A. McNutt, Max A. Moritz, Keith H. Nislow, Nejem Raheem, Todd Sanford. 2017. "Defining Ecological Drought for the 21<sup>st</sup> Century." *Bulletin of the American Meteorological Society* 98: 2543-2550. doi:10.1175/BAMS-D-16-0292.1
- \*Anderson, M.A., Ward, L., Susan G., **McEvoy, J.**, Hall, D. 2017. "Prior Appropriation and Water Planning Reform in Montana's Yellowstone River Basin: Path Dependency or Boundary Object?" *Journal of Environmental Policy & Planning* 20(2): 198-213.  
DOI:10.1080/1523908X.2017.1348286
- \*Ward, L. Anderson, M.A., Gilbertz, S., **McEvoy, J.**, and Hall, D. 2017. "Public Stealth and Boundary Objects: Coping with Integrated Water Resource Management and the Post-Political Condition in Montana's Portion of the Yellowstone River Watershed." *Geoforum* 83: 1-13
- \*Fragkou, Maria Christina and **Jamie McEvoy**. 2016. "Trust Matters: Why Augmenting Water Supplies via Desalination May Not Overcome Perceptual Water Scarcity." *Desalination* 397: 1-8.
- \*Anderson, M.A., Ward, L., **McEvoy, J.**, Gilbertz, S.J., and Hall, D.M. 2016. "Developing the Water Commons? The (post)Political Condition and the Politics of 'Shared Giving' in Montana." *Geoforum*. 74: 147-157.
- \*Anderson, M.A., Hall, D.M., **McEvoy, J.**, Gilbertz, S.J., Ward, L., and Rode, A.R. 2016. "Defending Dissensus: Participatory Governance and the Politics of Water Measurement in Montana's Yellowstone River Basin." *Environmental Politics* 25(6): 991-1012.  
<http://dx.doi.org/10.1080/09644016.2016.1189237>
- \*Wilder, M., Aguilar-Barajas, I., Pineda-Pablos, N., Varady, R.G., Megdal, S.B., **McEvoy, J.**, Merideth, R., Zúñiga-Terán, A., and Scott, C.A. 2016. "Desalination and Water Security in the U.S.-Mexico Border Region: Assessing the Social, Environmental, and Political Impacts." *Water International* 41(5): 756-775. Awarded *Water International* Honorable Mention paper for 2016.
- \* **McEvoy, Jamie**. 2015. "Can the Adoption of Desalination Technology Lead to Aquifer Preservation? A Case Study of a Sociotechnical Water System in Baja California Sur, Mexico." *Water* 7: 5224-5238, doi:10.3390/w7105224
- \***McEvoy, Jamie**. 2014. "Desalination and Water Security: The Promise and Perils of a Technological Fix to the Water Crisis in Baja California Sur, Mexico." *Water Alternatives* 7(3): 518-541.
- Scott, Chris, Holm Tiessen, Francisco Meza, Luis Farfan, Margaret Wilder, Robert Varady, **Jamie McEvoy**, Gregg Garfin, and Nicolas Pineda. 2013. "Water Security and Adaptive Management in the Arid Americas." *Annals of the Association of American Geographers* 103(2): 280-289. Special issue: "Geographies of Water."

**McEvoy, Jamie** and Margaret Wilder. 2012. "Discourse and Desalination: Potential Impacts of Proposed Climate Change Adaptation Interventions in the Arizona-Sonora Border Region." *Global Environmental Change* 22(2): 353-363. Special issue: "Adding Insult to Injury: Climate Change and the Inequities of Climate Intervention."  
<http://dx.doi.org/10.1016/j.gloenvcha.2011.11.001>

**McEvoy, Jamie**, Peggy Petrzelka, Claudia Radel and Birgit Schmook. 2012. "Gendered Mobility and Morality in a South-Eastern Mexican Community: Impacts of Male Labour Migration on the Women Left Behind" *Mobilities* 7(3): 369-388 Published online March 19, 2012.  
DOI:10.1080/17450101.2012.655977

Radel, Claudia, Birgit Schmook, **Jamie McEvoy**, Claudia Méndez, and Peggy Petrzelka. 2012. "Labour Migration and Gendered Agricultural Relations: The Feminization of Agriculture in the Ejidal Sector of Calakmul, Mexico." *Journal of Agrarian Change* 12(1): 98-119.

Douglas Jackson-Smith and **Jamie McEvoy**. 2011. "Assessing the Long-Term Impacts of Water Quality Outreach and Education Efforts on Landowners in the Little Bear River Watershed in Northern Utah." *Journal of Agricultural Education and Extension*. 17(4): 341-353.

Garfin, Gregg, Nancy Lee, Victor Magaña, Ronald Steward, J. Terry Rolfe and **Jamie McEvoy**. 2011. "International Workshop for CHANGE: Climate and Hydrology Academic Network for Governance and the Environment." *Bulletin of the American Meteorological Society* 92(8): 1045-1048. doi: 10.1175/2010BAMS2927.1

Wilder, Margaret, Christopher A. Scott, Nicolás Pineda Pablos, Robert G. Varady, Gregg M. Garfin, and **Jamie McEvoy**. 2010. "Adapting Across Boundaries: Climate Change, Social Learning, and Resilience in the U.S.-Mexico Border Region." *Annals of the Association of American Geographers* 100(4): 917-928.

Jackson-Smith, Douglas, Michael Halling, Ernesto de la Hoz, **Jamie McEvoy**, and Jeff Horsburgh. 2010. "Measuring Conservation Program BMP Implementation and Maintenance at the Watershed Scale." *Journal of Soil and Water Conservation* 65(6): 413-423.

#### **PUBLICATIONS: INVITED BOOK CHAPTERS**

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\***McEvoy, Jamie**. 2018. "Water Governance and Desalination in Baja California Sur, Mexico." Chapter 3 in *Tapping the Oceans: Seawater Desalination and the Political Ecology of Water*, edited by Joseph Williams and Erik Swyngedouw, signed contract with Edward Elgar.

Ela, Wendell and **Jamie McEvoy**. 2013. "Desalination in Arizona: Challenges, Applications and Prospects." Pp. 247-261 in *Shared Borders, Shared Waters: Israeli-Palestinian and Colorado River Basin Water Challenges*, ed. by S. B. Megdal, R. G. Varady, and S. Eden. Leiden, CRC Press/Balkema Taylor & Francis Group in cooperation with UNESCO-IHE, Delft.

Schmook, Birgit, Claudia Radel, Crisol. Méndez, **Jamie McEvoy**, and Peggy Petrzelka. 2012. Migración, género y tenencia de la tierra: Identidades femeninas complejas en el sector rural de Calakmul. In Tuñón Pablos, Esperanza and Martha Luz Rojas Wiesner (eds) *Género y Migración*, 2 vols., pp. 275-305 (ECOSUR / EL COLEF / COLMICH / CIESAS, San Cristóbal de Las Casas, Chiapas, México).

**PUBLICATIONS: BOOK REVIEWS, TECHNICAL REPORTS, CONFERENCE PROCEEDINGS, OTHERS**

^Sarah Church and Jamie McEvoy. 2024. A Systematic Literature Review of Nature-Based Water Storage Infraestructure: MSU Scholarship and Creativity Report. Department of Earth Sciences. Bozeman: Montana State University.

\***McEvoy, Jamie**. 2016. Invited Book Review: *Beyond the Big Ditch: Politics, Ecology, and Infrastructure at the Panama Canal*, by Ashley Carse. *Environmental History* 21(2): 403-404.

\*Gilbertz, Susan with **Jamie McEvoy** and Matthew Anderson. 2015. "Water Quality Test Results from 17 Water Wells Near Disposal-Injection Wells of the Bakken, MT." Public report for landowners. Available from authors.

**McEvoy, Jamie**. 2013. *Desalination and Development: The Socioecological and Technological Transformation of the Gulf of California*. (Doctoral dissertation). ProQuest Dissertations and Theses (Publication number: 3592757).

**McEvoy, Jamie** and Plácido dos Santos. 2012. "Building Bridges, Wetlands and Water Sustainability: Lessons from an Arizona-Baja California Sur Partnership." Pp. 1-2 in *Arroyo Newsletter*. Water Resources Research Center, Tucson, AZ. Available online: <https://wrrc.arizona.edu/lessons-from-partnership>.

Margaret Wilder, Ismael Aguilar Barajas, **Jamie McEvoy**, Robert Varady, Sharon Megdal, Chris Scott, and Nicolas Pineda. 2012. *Desalination Technology in a Binational Context: Systemic Implications for Water, Society, Energy, and Environment in the Arizona-Sonora Portion of the U.S.-Mexico Border*. Invited paper for the Puentes Consortium Mexico-U.S. Higher Education Leadership Forum. Available online: <http://www.puentesconsortium.org/papers/desalination-technology-binational-context-systemic-implications-water-society-energy-and-env>.

Wilder, Margaret, **Jamie McEvoy**, Gregg Garfin, Rachel Beaty and Emily McGovern. 2011. *Water and Urban Development: Coastal Vulnerability in Puerto Peñasco*. Second in a series of working papers on the theme of "Moving Forward from Vulnerability to Adaptation: Climate Change, Drought and Water Demand in the Urbanizing Southwestern United States and Northern Mexico. Udall Center for Studies in Public Policy, University of Arizona. Available online: [http://udallcenter.arizona.edu/sarp/pdf/Ch3\\_PuertoPenasco.pdf](http://udallcenter.arizona.edu/sarp/pdf/Ch3_PuertoPenasco.pdf).

Hartfield, Kyle, Diana Liverman, **Jamie McEvoy**, Jesse Minor, Claude Peloquin, Andrea Prichard, Matt Skroch, Tabitha Spence, David Tecklin. 2011. "A '5-A' Assessment of the Role of Non-nation State Actors in the Copenhagen Climate Change Negotiations." Proceedings from the 2011 Colorado Earth Systems Governance Conference. Ft. Collins, CO. <http://cc2011.earthsystemgovernance.org/CC2011-title-index.htm>.

Garfin, Gregg, Nancy Lee, Victor Magaña, Ronald Steward, and **Jamie McEvoy**. 2009. "International Workshop for CHANGE (Climate and Hydrology Academic Network for Governance and the Environment)." Project Report for Foreign Affairs and International Trade Canada (DFAIT). Available in English and Spanish: [http://www.environment.arizona.edu/files/env/change/2009\\_workshop/report\\_english.pdf](http://www.environment.arizona.edu/files/env/change/2009_workshop/report_english.pdf) (or [\\_spanish.pdf](http://www.environment.arizona.edu/files/env/change/2009_workshop/report_spanish.pdf)).

**McEvoy, Jamie P.** 2008. *Male Out-Migration and the Women Left Behind: A Case Study of a Small Farming Community in Southeastern Mexico*. (Masters Thesis). ProQuest Dissertations and Theses (Publication number: 1456801).

#### **GRANTS AND FELLOWSHIPS AWARDED**

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\* Funding proposals awarded during tenure review period at MSU; ^During promotion review period at MSU; ^^During promotion review period at UArizona

- ^PI: Sarah Church; Co-PI: **Jamie McEvoy**. 2022. "Building Research Partnerships to Collect Preliminary Data and Assess the Utility of a Decision Support Tool for the Development of a Successful Interdisciplinary Research Tool." MSU Scholarship and Creativity Grant (\$15,573)
- ^MSU Delta Enhanced PhD Support Award (\$10,820 funded for Fall 2024-Spring 2025)
- ^PI: Jason Otkin; Co-PIs: **McEvoy, Jamie**; Church, Sarah; Haigh, Tonya; Stoy, Paul. 2021. "Connecting Ecological Drought Monitoring Tools with Natural Resource Stakeholders in Montana." National Oceanic and Atmospheric Administration – Coping with Drought. (\$600,000 with \$206,000 to MSU)
- ^PI: Lindsey Albertson; Collaborator: **Jamie McEvoy**. 2021. "RAPID: Effects of Drying disturbance on energy flux across the aquatic-terrestrial boundary: Dam malfunction influences aquatic insect emergence quantity and phenology." National Science Foundation (\$189,528 to MSU).
- ^PI: **Jamie McEvoy**. 2021. MSU Faculty Excellence Grant for *Rangelands* open access and article publication charges. (\$1,500)
- ^PI: **McEvoy, Jamie**. 2020 (deferred to 2021 due to COVID-19). "Natural Water Storage as a Nature-Based Climate Change Adaptation Strategy: Barriers and Opportunities in a Cross-National Comparative Study." Fulbright-Carlos Rico Award (\$30,000)
- ^**Jamie McEvoy**. 2020 (retracted due to COVID-19). MSU Research Enhancement Award for conference travel to American Association of Geography annual meeting (\$600)
- ^**Jamie McEvoy**. 2019. Ivan Doig Faculty Writing Award. MSU Center for Western Lands and Peoples (\$5,000).
- ^PI: Kristen Intemann, Co-PIs: **Jamie McEvoy**, Tim LeCain, Elizabeth Shanahan and others. 2018. "Center for the Ethical and Social Implications of Science and Technology." Montana State University Grants to Support Proposals in the Humanities, Arts and Social Sciences. (\$9,964 funded).

- **\*McEvoy, Jamie** and Megan Moore. 2017. “Public Perception of Natural Infrastructure in the Beaverhead Watershed, MT.” The Nature Conservancy (\$2,200 to support student fieldwork).
- \*Shanahan, Elizabeth (PI), Co-PIs: Eric Raile, Richard Ready, **Jamie McEvoy**, Clemente Izuerieta, Geoffrey Poole, Ann Marie Reinhold. 2016. “The Impacts of Narrative-Based Risk Communication on Hazard Preparedness” NSF Infrastructure Management and Extreme Events (\$549,983 to MSU, 9/15/16-10/31/19, Award No. 1635885).
- \*Adams, Dean, Catherine Dunlop, Kristen Intemann, **Jamie McEvoy**, Michael Reidy, Cindy Stillwell, Brett Walker. 2015. MSU Centers Initiative. “Center for Environmental Humanities.” (Funded: \$10,000)
- \*PI: Elizabeth Shanahan (MSU); Co-PIs: Eric Raile (MSU), **Jamie McEvoy** (MSU). 2015-2017. MSU Institute on Ecosystems Incubation Grant (Funded: \$25,000)
- \*PI: Susan Gilbertz (MSUB); Co-PIs: **Jamie McEvoy** (MSU), Mathew Anderson (CWU). 2015. “Perceptions and Politics: Risk Assessment of Oil and Gas Development from Four Different Stakeholder Perspectives.” Montana INBRE Project Renewal (Funded: \$50,000; \$23,090 to MSU).
- **\*PI: Jamie McEvoy** (MSU). 2015. “Assessing the capacity of natural infrastructure to increase water storage, reduce vulnerability to floods, and enhance resiliency to climate change.” Montana Water Center Research Seed Grants 2015-2017 Program (Funded: \$14,885 to MSU).
- **\*PI: Jamie McEvoy** (MSU). 2015. “Assessing the capacity of natural infrastructure to increase water storage, reduce vulnerability to floods, and enhance resiliency to climate change.” Matching funds from the Montana Department of Natural Resources and Conservation (Funded: \$5,000 to MSU).
- \*PIs: Eric Raile, Liz Shanahan, Linda Young, Julia Haggerty, **Jamie McEvoy**, Dave Mogk. 2014. “The Human Ecology Learning and Problem Solving (HELPS) Lab.” Montana State University Research Expansion Funds (Funded: \$60,000 to MSU).
- \*PI: Susan Gilbertz (MSU-Billings); Co-PIs: **Jamie McEvoy** (MSU), Mathew Anderson (MSU-Billings); Collaborator: Maurice Valett (UM). 2013. “Yellowstone BAC and the Sciences of Vulnerability.” Montana Institute on Ecosystems (Funded: \$25,000; \$4,880 to MSU).
- \*PI: Susan Gilbertz (MSU-Billings); Co-PIs: **Jamie McEvoy** (MSU), Mathew Anderson (MSU-Billings). 2013. “The Energy-Water-Health Nexus: Assessing the Environmental Implications of Oil and Gas Production in Richland County, MT.” Funding Source: Montana INBRE – #2PUI Pilot Projects (Funded: \$50,000; \$17,855 to MSU).
- **UA Social and Behavioral Sciences PhD Completion Fellowship**, University of Arizona to support completion of dissertation writing (\$3,700) (May 2013).



- **UA Excellence in Social and Behavioral Sciences Fellowship**, University of Arizona to support dissertation writing (\$16,667 + tuition waiver) (2012-2013)
- **National Science Foundation, Doctoral Dissertation Research Improvement Grant** (Science, Technology and Society program) for research on “Desalination and Development: The Technological Transformation of the Gulf of California in the Face of Climate Change” (\$13,880 + tuition waiver) (2011-2012)
- **Fulbright-García Robles Award** (Institute of International Education) for research on “Desalination and Development: The Technological Transformation of the Gulf of California in the Face of Climate Change” (\$14,100 + tuition waiver) (2011-2012)
- **Water Sustainability Program Fellowship**, University of Arizona Technology and Research Initiative Fund (\$18,500) for a research project entitled, “Assessing Binational Desalination as a Water Augmentation Strategy in the US-Mexico Border Region” (2010-2011)
- **Presidential Fellowship for Graduate Studies**, Utah State University (2006-2007) (\$15,000)
- \$9,200 awarded through various travel grants and competitive small grants (2002-11)

**GRANTS SUBMITTED: UNFUNDED**

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\* Funding proposals submitted during tenure review period at MSU; ^During promotion review period at MSU; ^^During promotion review period at UArizona

- ^PI: **McEvoy, Jamie**; Co-PIs: Albertson, Lindsey; Church, Sara; Plymessenger, Kathryn; Verhille, Christine; Senior Personnel: Litt, Andrea; Woolard, Craig. 2022. “SAI-R: Convergent Social, Engineering, and Ecological Research on Nature-based Water Storage Infrastructure to Transform Municipal Water Storage and Infrastructure Decisions. National Science Foundation SAI – Strengthening American Infrastructure. (\$749,992 to MSU, unfunded).
- ^PI: Plymessenger, Kathryn.; Co-PIs: **McEvoy, Jamie**; Church, Sarah; Verhille, Christine; Albertson, Lindsey; Senior Personnel: Litt, Andrea; Woolard, Craig. 2021. “Innovative nature-based water infrastructure: How can municipal water storage incorporate engineering, ecological, and social priorities in a change world?” National Science Foundation ENG/CBET – Environmental Engineering and Sustainability. (\$1,191,174 to MSU, unfunded).
- ^PI: Fernald, Sam A.; Co-PIs: **McEvoy, Jamie**, et al. 2020. “Understanding Interactions Between Water Availability and Communities to Identify Critical Pathways to Sustainability: A Stakeholder-Driven Systems Analysis.” National Science Foundation – Dynamics of Coupled Natural and Human Systems (II) (\$1.6 million, \$248,000 to MSU, unfunded)
- ^PI: Fernald, Sam A.; Co-PIs: **McEvoy, Jamie**, et al. 2019. “Transformation Pathways to Water and Society Sustainability – A Systems Analysis Across Gradients of the Western United States.” National Science Foundation – Dynamics of Coupled Natural and Human Systems (II) (\$1.6 million, \$248,000 to MSU, unfunded)

- ^PI: Albertson, Lindsey; Co-PIs: **McEvoy, Jamie**, Plymnesser, Kathryn, Verhille, Christine. 2019. Impacts of biomimicry structures on water temperature and ecosystem function: Bridging the gap between ecology and engineering to inform river management in the upper Clark Fork River watershed. CREWS Competitive Research Seed Funding Opportunity (\$50,000 to MSU, unfunded)
- ^PI: Iskandar Abdullaev; Co-PIs: **Jamie McEvoy (MSU)**, Eric Sproles (MSU), John Reager. 2019. "Seasonal Water Availability Forecasting for Enhanced Regional Coordination on Transboundary River Management in Central Asia." National Academy of Sciences - PEER Cycle 8 (\$80,000, \$8,000 to MSU, unfunded). Pre-proposal.
- ^PI: Kathryn Plymnesser (MSU); Co-PIs: **Jamie McEvoy (MSU)**, Lindsey Albertson (MSU), Christine Verhille (MSU), Craig Woolard (MSU), Katherine Chase (USGS). "Evaluating the Use of Hybrid Infrastructure to Enhance Water Storage and Ecosystem Function for Municipal Watersheds in the Rocky Mountain West" USGS-NIWR Water Resources Research National Competitive Grants Program 2019. (\$249,439.10 to MSU, unfunded)
- ^PI: Alexander Sam Fernald (NMSU); Co-PIs: **Jamie McEvoy (MSU)**, Amanda Cravens (USGS), Carlos Ochoa (OSU), Mohammad Safeeq (UCM). 2019. "Hydrosocial transformation to balance availability, use, and recharge of surface water-connected groundwater in managed landscapes of the American West." NSF Dynamics of Integrated Socio-Environmental Systems (CNH2). (\$1.6 million, \$218,552 to MSU, unfunded)
- \*PI: Cravens, Amanda, Co-PIs: **Jamie McEvoy**, Katherine Chase, Lauren Hay, Jessica Driscoll. 2018. "Engaging Stakeholders to Understand Interactions between the Water Budget and Human Behavior under Drought Conditions in Montana." North Central Climate Science Center. (\$9,991, unfunded).
- \*PI: McEvoy, Jamie. 2018. "Transformational Adaptation Through Integrated Research and Education on Sociotechnical Water Systems." National Science Foundation CAREER grant. (\$553,875, unfunded).
- \*PI: David Sauri, Co-PIs: Hug March, Antonio Rico, Maria Hernández, Alvaro Morote, Erik Swyngedouw, Joseph Williams, Eran Feitelson, Itay Fishlender, Amit Tubi, Angela Hof, Sylke Hillberg, Manfred Lange, Aris Bonanos, Paul Refalo, Emre Otay, Akgün Ilhan, Dionysis Assimacopoulos, Annette Rudolph-Cleff, Lucia Wright, Alberto Pistocchi, Jauad El Kharraz, **Jamie McEvoy**, Maria Christina Fragkou, Rodrigo Fuster, Esteban Castro. 2017. "Desalination: A Multidimensional Approach for European Water Policy," COST Action (unfunded).
- \*PI: Paul Stoy (MSU), Co-PIs: David Claudio (MSU), B. Irene Grimberg (MSU), Selena Amhed (MSU), Eric J. Belasco (MSU), Chengci Chen (MSU), John Long (NDS), **Jamie McEvoy** (MSU), David Medvigy (Notre Dame), Fabian Menallad (MSU), Perry Miller (MSU). 2016. "The Coupled Relationship Between Summer Climate and Land Management in the northern North American Great Plains," NSF Coupled-Natural Human Systems Grant (\$1,071,504, unfunded).

- **\*PI: Jamie McEvoy.** 2016. “Natural Water Storage: Evaluating the Benefits and Constraints of ‘Hopeful’ Climate Change Strategies in the Field and in the Classroom,” NSF-CAREER Grant (\$499,836, unfunded).
- **\*PI: Paul Stoy (MSU), Co-PIs: David Claudio (MSU), Michael Dietz (BU), John Long (NDS), David Medvigy (Princeton), Jamie McEvoy (MSU).** 2015. “The Couple Relationship Between Regional Climate and Land Management in the North American Northern Great Plains,” NSF Coupled-Natural Human Systems Grant (\$1,052,071, unfunded).
- **\*PI: Jamie McEvoy,** Co-PIs: Benjamin Poulter, Jean Dixon, Gregory Pederson. 2015. “Collaborative research to identify the proximal causes of recent streamflow declines in the western U.S.: What is the role of climate, land use, land cover, and water use?.” USGS-NIWR Water Resources Research National Competitive Grants Program 2015. (\$279,632, unfunded).
- **\*PI: Jamie McEvoy (MSU),** Co-PI: Mathew Anderson (MSU-Billings). 2013. “Understanding How the Climate-Energy-Water Nexus Affects Water Resource Availability and Socio-Ecological Vulnerability in Richland County, Montana.” Montana Water Center Research Seed Grants 2014-2016 Program (\$13,665, unfunded).
- **\*PIs: Jamie McEvoy and Julia Haggerty (Co-PIs).** 2014. “Stakeholders and the Quest for Sustainable Water Futures: Participatory Governance in Water Planning in Montana and New Zealand” Montana State University Expansion Funds (\$231,362, unfunded).
- **\*PI: Stephanie Ewing; Co-PIs: Robert Payn, Perry Miller, Anton Bekkerman, Jamie McEvoy.** 2014. “Catalyzing Agricultural Resilience in Montana Landscapes.” Montana State University Expansion Funds (\$197,900, unfunded).
- **\*PI: Ashley Ballantyne (UM); Co-PIs: Jamie McEvoy, Leslie Jones (USGS).** 2014. “Aquatic ecosystem vulnerability assessment to changes in water discharge and temperature in the Northern Rockies (AquaVamp).” North Central Climate Science Center 2015 Annual Funding Opportunity (\$305,955, unfunded).

#### **EXTENSION ACTIVITIES**

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\*During tenure review period at MSU; ^During promotion review period at MSU; ^^During promotion review period at UArizona

- ^^Hosted a booth on behalf of WRRRC for the Arizona Department of Water Resources’ Water Awareness Month Festival, Phoenix, AZ. Provided Arizona Water Factsheets and flyers with links for the *Arroyo* Publication, the *Weekly Wave* newsletter, and Arizona Water Factsheets. Utilized a flipchart to solicit ideas about water topics that people want to learn more about (April 6, 2024).
- ^Invited member of the Advisory Group for the USDA Western Extension Risk Management Education Center (2022-2026; four-year term)
- ^ USDA Western Extension Risk Management and Education, Advisory Board meeting, Proposal Deliberation, and Farm Tour, Napa, CA (Jan 22-25, 2024)

Curriculum Vitae for Jamie McEvoy

- ^ USDA Western Extension Risk Management and Education, Advisory Board meeting and Farm Tour, Polson, MT (Aug 21-24, 2023)
- ^ USDA Western Extension Risk Management and Education, Advisory Board meeting, Proposal Deliberation, and Farm Tour, San Diego, CA (Jan 16-18, 2023)
- ^Invited member of NOAA's Flash Drought Technical Working Group (2022-2023)
- ^Invited participant on Water Security Panel discussion for Bozeman High School students (05/17/22)
- ^Review Scope of Work for social science component of MT DNRC Drought Planning process (05/2022)
- ^†**McEvoy, Jamie**, Tori Pfaeffle, Megan A. Moore, Amanda E. Cravens, Aparna Bamzai-Dodson. "Murky Waters: Divergent Ways Scientists, Practitioners, and Landowners Evaluate Beaver Mimicry." Montana Section of the American Water Resources Association, Butte, MT (Oct 12-14, 2022). [Practitioner-focused conference]
- ^USDA Western Extension Risk Management and Education, Advisory Board meeting and Farm Tour, Medford, OR (Aug. 17-18, 2022)
- ^Invited member of the Advisory Group for Northwest Climate Adaptation Science Center's "Deep Dive into Shallow Waters: Managing Climate Change Effects on Stream Drying in the Northwest." (Fall 2021)
- ^Invited member of Wildlife Conservation Society's Research Group on Beaver-Related Research (Fall 2021)
- ^Greater Gallatin Watershed Council, Board Member (2019-2021)
- \*^Invited Advisory Board Member for U.S. Geological Survey's Eco-Drought Actionable Science Working Group (2016-2019)
- ^**McEvoy, Jamie** and Molly Cross. 2019. Invited Webinar, Ecocity Builders Peru Water Management Webinar Series. "Almacenamiento del Agua Natural" (03/19) [Spanish]
- \***McEvoy, Jamie**. 2017. Invited lecture and panel organizer, World Bank's Water in Agriculture Global Solutions Group. "Lightening Talks! Green Infrastructure and Irrigation" (12/14/2017)
- \***McEvoy, Jamie**. 2017. National Adaptation Forum, St. Paul, MN. "Identifying Key Services, Trade-offs, and Constraints to Societal Responses to Ecological Drought." (5/10/2017) [Practitioner-focused conference]

- **\*McEvoy, Jamie.** 2017. Invited lecture, Yellowstone River Symposium: Shape of a River, Livingston, MT. “Developing the Water Commons: The Politics of Shared Giving in MT” (4/27/2017) [Community-organized Conference]
- **\*McEvoy, Jamie.** 2016. Invited participant, USGS Beaver-Inspired Stream Restoration Science Exchange, Boise, ID. “Natural Water Storage as a Climate Change Adaptation Strategy?” (Nov. 3, 2016)
- **\*McEvoy, Jamie.** 2016. Invited lecture, MSU Extension Annual Conference, Bozeman, MT “Hopeful Climate Change Adaptation Strategies.” (Oct. 25, 2016)
- **\*McEvoy, Jamie.** 2016. Invited participant, SNAPP: Science for Nature and People Partnership Working Group on Ecological Drought at the National Center for Ecological Analysis and Synthesis (NCEAS), Santa Barbara, CA (Feb 1-4, 2016).
- **\*Montana Department of Natural Resources Conservation (DNRC),** Technical Advisory Council member (2013-2015)
- **\*†Holmes, Danika and Jamie McEvoy.** 2015. Montana Section of American Water Resources Association, Missoula, MT. Poster Presentation: “Natural Infrastructure, Water Storage, and Drought Resilience in the Musselshell River Basin.” (Oct 7-9, 2015).
- **\*†Danika Holmes and Jamie McEvoy.** 2015. Invited lecture, 82<sup>nd</sup> Annual Fall Water School for Water and Wastewater Operators & Managers, MSU, Bozeman, MT. “Musselshell River Natural Storage Project.” (Sept. 30, 2015)
- **\*McEvoy, Jamie.** 2015. Building Drought Resilience for the Upper Missouri Basin Workshop (9/10/15) (Participant).
- **\*McEvoy, Jamie.** 2015. Association of Montana Floodplain Managers 16<sup>th</sup> Annual Workshop on “Living in the Floodplain; If the flood doesn’t get you, the insurance will,” Helena, MT. (3/19/15) (Participant).
- **\*McEvoy, Jamie.** 2015. NIDIS Building Drought Early Warning Capacity in Montana Workshop. Bozeman, MT. (March 17-18, 2015) (Participant).
- **\*McEvoy, Jamie.** 2014. Intertribal Council on Utility Policy: Upper Missouri River Basin Study Grant Workshop, Boulder, CO. (July 15-16, 2014) (Participant on behalf of Montana Institute on Ecosystems).
- **\*Organized and hosted a Montana-based discussion group as part of World Bank’s MOOC “Turn Down the Heat: Why a 4°C Warmer World Must be Avoided” in collaboration with the Montana Institute on Ecosystems and MSU Extended University (Jan. 27-Feb. 25, 2014).**
- **McEvoy, Jamie.** 2013. Invited panelist, Arizona Water Resources Research Center Conference on Water Security: From the Ground Up (03/05/2013).

- **McEvoy, Jamie.** 2011. Invited lecture, workshop on Gestión del Agua en Zonas Áridas at Universidad Autónoma de Baja California Sur, La Paz, BCS, México. “Desalación y Desarrollo en BCS Frente al Cambio Climático” (10/14/11).
- **McEvoy, Jamie** and Margaret Wilder. 2008. Arizona-Mexico Commission Fall Plenary Session, Water Committee Meeting, Hermosillo, Sonora, Mexico. Paper presentation: “Avanzando Adelante: Adaptación y resiliencia al cambio climático, la sequía y la demanda del agua en los centros urbanizantes del suroeste de EEUU y el noroeste de México” (12/08)
- **McEvoy, Jamie,** Douglas Jackson-Smith, and Nancy Messner. 2008. USDA-CSREES National Water Conference, Reno, NV. Paper presentation: “Assessing the Long Term Impacts of Water Quality Outreach and Education Efforts on Landowners” (02/08)
- **McEvoy, Jamie,** Douglas Jackson-Smith, and Nancy Messner. 2008. USU Spring Runoff Conference, Logan, UT. Paper presentation: “Assessing the Long Term Impacts of Water Quality Outreach and Education Efforts on Landowners” (03/08)

#### **NEWSLETTER & MEDIA COVERAGE**

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Note: ^Coverage during promotion period at MSU; ^^During promotion period at UArizona

- ^Coverage of research on beaver mimicry practices was disseminated by the North Central Climate Adaptation Science Center via a newsletter (Vol. 3, Issue 3, March/April 2022)
- ^Coverage of Ecological Drought research disseminated by the Western Water Assessment via a Fact Sheet and distributed to their listserv (Jan. 31, 2022)
- ^Coverage of article published *Weather and Climate Extremes* in NOAA NIDIS’ *Dry Times* Newsletter (09/2021)
- ^Coverage of article published in a *PLOS One* special issue on science and stories highlighted findings from our National Science Foundation supported research on flood preparedness on the Yellowstone River in *MSU’s News Service* (01/20)
- ^Coverage of Interdisciplinary National Science Foundation research project in flood preparedness on the Yellowstone River in *MSU College of Letters and Science’s Confluence Magazine*. (12/18)

#### **PROFESSIONAL TEACHING EXPERIENCE**

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\* Courses taught at MSU during tenure review period; ^Courses taught at MSU during promotion review period

- **Course Instructor,** EARTH 102: Water is for Fighting: Water Conflict and Cooperation as Portrayed in Film, Fiction, and Academic Works, MSU (1 Credit)
- **Course Instructor,** EARTH 102: Water in the West: A Critical Reading of *Cadillac Desert*, MSU (1 Credit)
- **Course Instructor,** GPHY 141D: Geography of World Regions, MSU (3 Credits)
- **Course Instructor,** GPHY 329: Environment and Society, MSU (3 Credits)
- **Course Instructor,** GPHY 402/502: Water and Society, MSU (3 Credits)

- ^Fall 2022, Course Fieldtrips: Missouri Headwaters State Park, City of Bozeman Water Treatment Plant, Gallatin Watershed River Clean-up
- \*Fall 2016: Course Fieldtrip: “Restoration in Gallatin County”
- \*Fall 2015, Course Fieldtrip: “Drought Resiliency in Gallatin County”
- \*Fall 2013, Course Fieldtrip: “Wetlands in Gallatin County”
  
- **Course Instructor**, GPHY 507: Topics in Political Ecology (3 credit seminar)
  
- **Course Instructor**, GEOG 150CI: Env. & Society, University of Arizona (3 credits)
  
- **Course Instructor**, GEOG 302: Intro. to Sustainable Development., Univ. of Arizona (3 credits)
  
- **Faculty Advisor/Instructor**, GPHY 492: Independent Study, MSU (1-3 credits)
  - ^Fall 2022: Ysabel Echeverio (3 credits)
  - \*Spring 2018: Madison Brossett (3 credits)
  - \*Spring 2018: Julia Meinhardt (3 credits)
  - \*Spring 2018: Robert Lester (1 credit)
  - \*Summer/Fall 2015: Valerie Sigler (3 credits)
  - \*Summer/Fall 2015: Richard Woodfork (1 credit)
  
- **\*Faculty Advisor**, GPHY 498: Internship for Water Resources Minor, MSU (2-3 credits)
  - ^2019: Anna Price – Snow Hydrology Internship with NRCS
  - ^2019: Racine Malia – Water Quality Assessment
  - \*2017, Kaytlyn Samuelson – Water Education
  - \*2017, James McCarthy – Flood Impacts & Recreation on Yellowstone River
  - \*2016, Schuyler Jorgenson– “Insights into Water Politics in Gallatin County” with Association of Gallatin Agricultural Irrigators
  - \*2016, Savanna Stendahl – “Wetlands Study” with MSU-Gallatin County Extension (Brad Bauer)
  - \*2016, Valerie Sigler - “Water Education”
  - \*2016, Richard Woodfork 2016 – “Water Quality” with Gallatin Local Water Quality District, offered a paid position after his internship
  - \*2015, Allison Pardis, 2015 - “Measuring Water Quality” with MT Fish Wildlife and Parks, gained employment with MT FWP upon graduation
  
- **Faculty Advisor, Undergraduate Honors Thesis, McNair Scholars and Others**
  - Stori Smith, Honors Thesis (2019-2020)
  - Katie Storey, McNair Scholarship Application (2019-2020)

#### **INVITED LECTURES AND INVITED WORKSHOP PARTICIPATION**

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\*Invited during tenure review period at MSU; ^During promotion review period at MSU;

^^During promotion review period at UArizona

†With graduate student

^**McEvoy, Jamie**. 2023. University Council on Water Resources, Fort Collins, CO, “Water Scarcity Solutions for the Southwest in a Changing Climate” (invited panelist) (06/15/23)

- ^McEvoy, Jamie.** 2023. Webinar for National Beaver Science & Research Working Group “Human Dimensions of Natural Water Storage” (invited lecture) (04/13/23)
- ^McEvoy, Jamie.** 2022. Invited guest speaker, Universidad Nacional Autónoma de México, “Planificación y Adaptación a la Sequía en un Mundo Más Que Humano” (03/04/22).
- ^McEvoy, Jamie.** 2021. Invited guest speaker, University of British Columbia, Graduate Seminar on Socio-Ecological Systems (RES 510), “Governing Ecologically Available Water: A Case Study of Polycentric Governance” (11/09/21)
- ^McEvoy, Jamie.** 2021. Invited speaker, University of British Columbia, Institute for Resources, Environment and Sustainability Seminar. “Drought Planning and Adaptation in a More-than-Human World” (10/25/21)
- ^McEvoy, Jamie.** 2021. Invited speaker, Inaugural talk for University of New Mexico’s Center for Community Geography. “Community Perspectives on Drought Planning and Adaptation in a More-than-Human World.” (03/29/21, virtual talk during COVID)
- ^McEvoy, Jamie.** 2020. Invited Panelist, MSU’s Institute on Ecosystems Rough Cut Seminar. “Working with Beaver for Riparian Health: How University Research Supports Conservation and Management.” (11/18/20).
- ^McEvoy, Jamie** and Amanda Cravens. 2019. Invited talk, University of Montana, College of Forestry. “Balancing human and ecological needs in drought preparedness and response: An ecological drought case study from Montana's Upper Missouri Headwaters” (04/19)
- ^McEvoy, Jamie** and Molly Cross. 2018. Invited lecture, MSU’s Institute on Ecosystems Rough Cut Seminar. “Drought Planning: Accounting for the Human and Ecological Impacts of Drought.” (11/28/18)
- ^McEvoy, Jamie.** 2018. Invited talk, MSU’s Energy Research Institute Day. “Cultural Theory as a Heuristic for Understanding Risk Perception of Oil and Gas Development in Eastern Montana.” (09/26/18)
- \*McEvoy, Jamie.** 2018. Invited participant, Fort Collins, CO, US Geological Survey, Social and Economic Analysis Branch. “Drought Social Science Synthesis Working Group.” (06/05-06/07/2018).
- \*McEvoy, Jamie.** 2018. Invited participant, Sevilleta Field Station, NM, New Mexico Water Resources Research Institute. “Interdisciplinary Innovation Working Group: Water Resilience in the Intermountain West Through Coordinated Research and Innovation.” (04/24-04/26/2018).
- \*McEvoy, Jamie.** 2018. Invited lecture, Montana State University, Department of Earth Sciences Seminar. “More Equitable Climate Adaptation Strategies in a More-than-Human World” (2/15/2018)
- \*McEvoy, Jamie.** 2017. Invited lecture for Inspiring Woman Among Us Conference and Geography Awareness Week, University of Northern British Columbia, Geography Program, co-



sponsored by the Pacific Institute for Climate Solutions, The Natural Resources and Environmental Studies Institute. “More Equitable Climate Adaptation Strategies in a More-than-Human World” (11/17/2017)

\***McEvoy, Jamie.** 2017. Invited lecture, University of Nevada, Reno, Geography Colloquium Speaker. “Cultural Theory as a Tool for Understanding Perceptions of Oil & Gas Development in Eastern Montana” (2/22/2017)

\***McEvoy, Jamie.** 2016. Invited lecture, University of Montana – Geography Colloquium. “The Politics of Participatory Water Planning in Montana.” (Oct. 4, 2016).

\***McEvoy, Jamie.** 2016. Invited lecture, Montana State University – Institute on Ecosystems Rough Cut Series, Bozeman, MT. “Natural Water Storage: Evaluating the Benefits and Constraints of a ‘Hopeful’ Climate Change Adaptation Strategy.” (Sept. 7, 2016)

\***McEvoy, Jamie.** 2014. Invited lecture, Universidad de Chile, Santiago. “Desalinización y Seguridad Hídrica: Las Promesas y los Peligros de una Solución Tecnológica frente la Crisis Hídrica en Baja California Sur, México” (Dec. 11, 2014) (supported by Dr. Maria Christina Fragkou’s FONDECYT Research Grant).

\***McEvoy, Jamie** and Susan Gilbertz. 2014. Invited lecture, Montana Institute on Ecosystems Rough Cut Science Seminar Series. “The Energy-Water-Health Nexus: Assessing Water Quality and Perceived Environmental and Health Impacts of Oil and Gas Development in Eastern Montana.” (Nov. 19 2014).

\***McEvoy, Jamie.** 2013. Invited lecture, Department of Earth Sciences Seminar Series, Montana State University. “Deviating from the Mainstream? The Discourse and Practice of Desalination and Environmental Governance in Coastal Northwestern Mexico.” (Nov. 2013).

**McEvoy, Jamie.** 2013. Invited lecture, Arizona Water Resources Research Center. “Is Desalination the Solution to Water Security? The Promises and Perils of Technological Fix to the Water Crisis in Baja California Sur, Mexico.” (04/26/2013)

#### **CONFERENCE PRESENTATIONS & PARTICIPATION**

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\*Presented during tenure review period at MSU; ^Presented during promotion review period at MSU; †With graduate student

^USDA Western Extension Risk Management and Education, Advisory Board meeting, Polson MT (Aug 22-23, 2023)

^California Climate Adaptation Forum, Pomona, CA (participant) (July31-Aug 2, 2023)

^**McEvoy, Jamie.** 2023. University Council on Water Resources, Fort Collins, CO, “Key Socio-Institutional Drivers of Human-Water Systems in Western Watersheds” (06/14/23)

^**McEvoy, Jamie.** 2023. American Association of Geographers, Denver, CO. “The Patchwork Governance of Ecologically Available Water: A Case Study in the Upper Missouri Headwaters, Montana. USA” (03/25/23).

^USDA Western Extension Risk Management and Education, Advisory Board meeting and proposal review panel, San Diego, Ca (Jan. 16-17, 2023)

^†**McEvoy, Jamie** (presenting author), Tori Pfaeffle, Megan A. Moore, Amanda E. Cravens, Aparna Bamzai-Dodson. “Murky Waters: Divergent Ways Scientists, Practitioners, and Landowners Evaluate Beaver Mimicry.” Montana Section of the American Water Resources Association, Butte, MT (Oct 12-14, 2022).

^USDA Western Extension Risk Management and Education, Advisory Board meeting, Medford, OR (Aug. 17-18, 2022)

^ **McEvoy, Jamie**, “Preparing for Ecological Drought in Montana.” Invited participant in Montana State University’s Water in the West Workshop. Bozeman, MT. (May 24-26, 2022).

^**McEvoy, Jamie**. 2022. Fulbright-Mexico Conference, virtual. “Natural Water Storage as a Climate Change Adaptation Strategy.” (05/20/2022).

^Invited Moderator for Geography panel, Fulbright-Mexico Conference, virtual. (05/19/2022).

^Invited participant in the University of Arizona’s State of the Art in Green Infrastructure Research and Practice Workshop (virtual attendance). (04/06/2022)

^**McEvoy, Jamie**, Pfaeffle, T., Moore, M., Cravens, A., and Bamzai, A. (2022, abstract accepted, conference canceled due to COVID). Conference of Latin American Geographers, Tucson, AZ. “A Comparative Analysis of Natural Water Storage as a Climate Adaptation Strategy in North America.”

^**McEvoy, Jamie**. 2020. American Association of Geographers, Denver, CO. “Nature-Based Strategies for Mitigating Drought Impacts in the Upper Missouri Headwaters Basin: Interactions Between Land Management and Water Availability” (04/06/20). Note: session was reorganized as a virtual session due to COVID-19 pandemic.

^†**McEvoy, Jamie**, Shanahan, E.A., Raile, E., Bergmann, N. 2019. Universities Council on Water Resources (UCOWR), Park City, UT. “Flood Risk and Infrastructure Options” (06/2019)

^**McEvoy, Jamie**. 2019. American Association of Geographers, Washington, D.C. “Mentoring the Next Generation of Indigenous Geographers” Panel Member. (04/2019)

^†**McEvoy, Jamie**, Shanahan, E.A., Raile, E., Bergmann, N., Izurieta, C., Ready, R., Poole, G.C., Reinhold, A.M., King, H. 2019. American Association of Geographers, Washington, D.C. “How Views of ‘Dubious’ Science Affect Public Perception of Floodplain Management along the Yellowstone River, Montana, USA” Poster Presentation. (04/2019)

^†Hartshorn, A., Kleindl, W., Whitehead, B., Moore, M., **McEvoy, J.** 2019. Montana Chapter of the American Fisheries Society, Billings, MT. “Why Parafluvial Soils Matter to Fish.” (01/2019).

\***McEvoy, Jamie.** 2018. American Association of Geographers, New Orleans, LA. "Shared-Sacrifice: An Informal Institution for More Equitable Water Allocation in Southwestern MT, USA" (04/10/18)

\***McEvoy, Jamie.** 2017. International Symposium on Society & Resource Management, Umeå, Sweden. "Questioning the Ethos of Efficiency: Can Flood Irrigation Function as Green Infrastructure?" (6/20/2017).

\***McEvoy, Jamie.** 2017. American Associate of Geographers, Boston, MA. "From Bleak to Bright: An Analysis of 'Bright Spots' for Adapting to Climate Change" (4/6/2017).

\***McEvoy, Jamie.** 2016. WEST: Western History of Environment, Science, and Technology Network, Southwest Research Station, Chiricahua, AZ. "A Natural History of Water Storage: From Forests, to France to the Panama Canal Zone and Beyond" (05/18/16).

\***McEvoy, Jamie.** 2016. American Association of Geographers, San Francisco, CA. "From Beaver Mimicry to Reverse-EQIP: What questions do green infrastructure projects raise in Montana, USA? Special session on Green Infrastructure Theory and Practice (3/29/16).

\*Gilbertz, Susan, **Jamie McEvoy**, Matthew Anderson. 2016. American Associate of Geographers, San Francisco, CA. "Water Quality Issues in the Bakken." Special session on Pushing Energy Geographies' Boundaries: The Developing Energy Landscapes of Fracking" (3/30/16).

\*Matthew B. Anderson, Susan J. Gilbertz, **Jamie McEvoy**, Luke Ward and Damen Hall. 2016. American Associate of Geographers, San Francisco, CA. "Developing the Water Commons: The Post-Political Condition and the Politics of 'Shared Giving' in Montana." (3/30/16).

\***McEvoy, Jamie.** 2015. IDeA Western Regional Conference, Couer d'Alene, ID. (Oct. 12-14, 2015) (Participant).

\*Gilbertz, Susan, **Jamie McEvoy**, and Mathew Anderson. 2015. INBRE Annual Mentoring Meeting Conference, Bozeman, MT. "Update: The Energy-Water-Health Nexus: Assessing the Environmental Impacts and Public Health Implications of Oil and Gas Production in Eastern Montana."

\***McEvoy, Jamie.** 2015. WEST: Western History of Environment, Science, and Technology Network, UC Boulder's Mountain Research Station, CO. "The Role of Social Science in Climate Change Adaptation: A Geographer's Perspective" (May 9-10, 2015).

\*†**McEvoy, Jamie** and Danika Holmes. 2015. North Central Climate Science Center Open Science Conference: Integrating Research and Management of Change from the Mountains to the Plains, Colorado State University, Fort Collins, CO. Poster Presentation: "Assessing the capacity of natural infrastructure to increase water storage, reduce vulnerability to floods, and enhance resiliency to climate change" (May 20-22, 2015).

\***McEvoy, Jamie.** 2015. American Association of Geographers, Chicago, IL. "Does Desalination Resolve or Produce Contradictions? Moving from Hydrological to Perceptual Water Scarcity in Arid Cities in Mexico and Chile." (April 21-25, 2015).

\*Christofano, Daniel, Snyder, Michael, Anderson, Matthew, Gilbertz, Susan, and **McEvoy, Jamie**, 2015. American Association of Geographers, Chicago, IL. Poster Presentation: “Energy Water Health Nexus: Using GIS to Examine the Links Between Hydraulic Fracturing and Water Contamination in Eastern Montana.” (April 21-25, 2015).

\***McEvoy, Jamie**. 2015. Montana INBRE Network Conference, Bozeman, MT. “Achievements and Challenges in Conducting Fieldwork in Eastern Montana: Assessing Perceptions of Environmental and Health Impacts of Oil and Gas Development” (April 8-10, 2015).

\***McEvoy, Jamie**. 2015. Montana EPSCoR’s All Hands Meeting. “An Overview of Research on Socio-Ecological Systems” Missoula, MT. (March 27-28, 2015).

\***McEvoy, Jamie**, Susan Gilbertz, and Mathew Anderson. 2015. Dimensions of Political Ecology Conference, Lexington, KY. “Perceptions and Politics: Views on the Benefits and Risk of Hydraulic Fracturing from Four Stakeholder Groups in Eastern Montana” (02/27/15).

\***McEvoy, Jamie**. 2014. Mountain Social Ecological Observatory Network (MntSEON). Coeur d’Alene, ID (Oct 15-17, 2014) (Participant).

\***McEvoy, Jamie**. 2014. Water and Hydraulic Fracturing – Knowledge Exchange Workshop. Boulder, CO. (Aug. 19-20, 2014) (Participant).

\***McEvoy, Jamie**. 2014. American Association of Geographers Annual Meeting, Tampa, FL. Organized session on Mediating Governance: Water Technology in the 21<sup>st</sup> Century. “Deviating from the mainstream? The Discourse and Practice of Desalination and Environmental Governance in Coastal Northwestern Mexico.” (04/2014).

**McEvoy, Jamie**. 2013. Association of American Geographers Annual Meeting, Los Angeles, CA. “Accidental Waterscapes: How Irrigation and Desalination Technology Transform Socio-Natures in the Colorado River Delta.” (04/2013).

**McEvoy, Jamie**. 2013. Dimensions of Political Ecology Conference, Lexington, KY. “Is Desalination the Solution to Water Security? The Promise and Perils of a Technological Solution to the Water Crisis in Baja California Sur, Mexico.” (03/2013).

**McEvoy, Jamie**. 2012. Association of Pacific Coast Geographers. Olympia, WA. Poster Presentation: “Desalination and Development: The Technological Transformation of the Gulf of California in the Face of Climate Change” (10/12).

**McEvoy, Jamie**. 2012. Fulbright-Garcia Robles Mid-Term Reunion Conference. Mexico City, Mexico. “Desalination and Development: The Technological Transformation of the Gulf of California in the Face of Climate Change.” (2/12)

**McEvoy, Jamie** and Miriam Gay-Antaki. 2012. Conference of Latin Americanist Geographers, Mérida, Yucatán, México. “Commodifying the Climate Crisis: A Discourse Analysis of Public-Private Partnership Approaches to Climate Change Mitigation and Adaptation in the Energy and Water Sectors in Mexico.” (1/12)

Kyle Hartfield, Diana Liverman, **Jamie McEvoy**, Jesse Minor, Claude Peloquin, Andrea Prichard, Matt Skroch, Tabitha Spence, David Tecklin. 2011. Earth Systems Governance: Crossing Boundaries and Building Bridges, Ft Collins, CO. "A '5-A' Assessment of the Role of Non-nation State Actors in the Copenhagen Climate Change Negotiations." (5/11)

**McEvoy, Jamie**. 2011. Association of American Geographers Annual Meeting, Seattle, WA. Organized session on Urban Political Ecology and Science and Technology Studies: Complementarity, Intersections, and Disjunctures. Paper presentation: "Connecting Theory and Method: How to Investigate a Water Infrastructure Network." (04/11)

**McEvoy, Jamie**. 2011. Arizona Water Resource Research Center Annual Conference: Salinity and Desalination in the Southwest: Challenges and Solutions. Yuma, AZ. Poster Presentation: "Desalination in the Gulf of California: Priorities and Perspectives from Water Managers and Regional Stakeholders." (04/11)

**McEvoy, Jamie**. 2011. Institute for the Environment's GradBlitz Conference. Tucson, AZ. "Desalination and Development: The Technological Transformation of the Gulf of California in the Face of Climate Change." (2/11)

Wilder, M. R. G. Varady, C. A. Scott, N. Pineda, G. M. Garfin, **J. McEvoy**, and J. Slack. 2010. Open Science Meeting, Land Systems, Global Change and Sustainability (GLP), Tempe, AZ. "Water and vulnerability: Building adaptive capacity in urban areas of the U.S.-Mexico border." (10/10)

**McEvoy, Jamie** and Margaret Wilder. 2010. 2<sup>nd</sup> International Conference: Climate, Sustainability and Development in Semi-Arid Regions, Fortaleza, Brazil. "Raising Risks: Desalination as an Adaptive (or Maladaptive) Climate Strategy in the Water Sector." (08/10)

**McEvoy, J.** and M. Wilder. 2010. Initiative on Climate Adaptation Research and Understanding through Social Sciences (ICARUS), Writeshop on Climate Change and Its Narratives: Manufacturing (In)Equities, Univ. of Michigan. Paper presentation: "Raising Risk: Discourse, Technology and the Production of Maladaptive Climate-Related Water Policies." Ann Arbor, MI (06/10)

**McEvoy, Jamie**. and Margaret. Wilder. 2010. Association of American Geographers Annual Meeting, Washington, D.C. Organized session on *Power, Politics and Water Resource Technologies*. Paper Presentation: "Political Ecologies of Desalination: Augmentation and Adaptation in Spain and Mexico." (04/10)

**McEvoy, Jamie** and Margaret Wilder. 2010. Initiative on Climate Adaptation Research and Understanding through Social Sciences (ICARUS), Climate Vulnerability and Adaptation Workshop: Theories and Cases, Univ. of Illinois at Urbana Champaign. Paper presentation: "Technology and Adaptation: Framing Desalination in Northwestern Mexico" (02/10)

**McEvoy, Jamie**. 2009. The Tinker Symposium on Graduate Research in Latin America. Paper presentation: "A Comparative Study of Equity and the Use of Desalination Technology in Southeastern Spain and Northwestern Mexico" (10/09)

**McEvoy, Jamie**, Ashley Coles, Christopher A. Scott, Gregg Garfin. 2009. 3<sup>rd</sup> Graduate Climate Conference, UW Pack Forest, WA. Paper presentation: "Weather, Climate, and Water: An Assessment of Risk, Vulnerability, and Communication on the U.S.-Mexico Border" (04/09)

Radel, Claudia, **Jamie McEvoy** and Birgit Schmook. 2009. Association of American Geographers, Las Vegas, NV. Paper presentation: "Men's Migration, Gender Relations in Agriculture, and Implications for Forest Cover" (03/09)

**McEvoy, Jamie** and Ashley Coles. 2008. IAI-NCAR Colloquium on Seasonality and Water Resources in the Western Hemisphere, Mendoza, Argentina. Paper presentation: "Water Resources and Vulnerability to Climate Change in Arizona and Sonora" (10/08)

**McEvoy, Jamie**. 2008. International Symposium on Society and Resource Management, Burlington, VT. Paper presentation: "The Effect of Male Out-Migration on the Gendered Division of Agricultural Labor: A Case Study of a Small Farming Community in Southeastern Mexico" (06/08)

**McEvoy, Jamie**. 2002. International Symposium on Society and Resource Management, Bloomington, IN. Poster presentation: "Adoption and Diffusion of *Viviendas Ecológicas*: A Case Study of a Sustainable Housing Project" (06/02)

#### **CONTRIBUTED CONFERENCE PRESENTATIONS**

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Note: \*Presented during tenure review period at MSU; †With graduate student; ^During promotion period at MSU; ^^During promotion review period at UArizona; ~In absentia, presentation by attending co-author.

~^†Sarah Church, Sale Rhodes, Tonya Haigh, Jamie McEvoy. 86<sup>th</sup> Annual Meeting of the Rural Sociological Society, Madison, WI. "Ecological Drought Knowledge and Knowledge Sharing among Decision-Makers." (07/24)

~^† Rhodes, Evelyn Sale, Jamie McEvoy, Sarah Church, Erika Berglund, Willow Grinnel, Kristal Jones, Chase Walker. 2023. American Association of Geographers, Denver, CO. "Drought Indicators and Impacts Felt by Distinct Water Users in Montana. (03/25/23)

~^†Rhodes, Evelyn Sale, Jamie McEvoy, Sarah Church, Erika Berglund, Willow Grinnel, Kristal Jones, Chase Walker. 2023. International Association for Society and Natural Resources Conference, Portland, ME. "Using Local Knowledge to Understand Ecological Drought Impacts and Triggers for Land Management Change in Montana. (06/13/23).

~^†Eric D. Raile (presenter), Elizabeth A. Shanahan, Richard C. Ready, **Jamie McEvoy**, Clemente Izurieta, Ann Marie Reinhold, Geoffrey C. Poole, Nicolas Bergmann, and Henry King. "Narrative Risk Communication as a *Lingua Franca* for Environmental Hazard Preparation." Fall Research Conference of the Association for Public Policy Analysis and Management, online, (Nov. 2020)

~^†Amanda Cravens, **Jamie McEvoy**, Shelley Crausbay, Aaron Ramirez, Dionne Zoanni. 2018. American Geophysical Union Conference, Washington D.C. "Balancing Human and Ecological Needs in Drought Preparedness and Response: A Case from the Upper Missouri Headwaters." (12/18)

~\*†Eric D. Raile, Henry King, Elizabeth A. Shanahan, **Jamie McEvoy**, Clemente Izurieta, Nicolas Bergmann, Richard Ready, Ann Marie Reinhold, Geoffrey C. Poole. Midwest Political Science Association Annual Meeting, Chicago, IL. “Narrative-based Risk Communication: A *Lingua Franca* for Natural Hazard Messages?” (04/18)

~\*Amanda Cravens, Ann Schwend, **Jamie McEvoy**, Shelley Crausbay, Aaron Ramirez, Nejem Raheem, Molly Cross, Kim Hall, Shawn Carter. American Meteorological Society Annual Meeting, Austin, TX. “Understanding and Responding to Ecological Drought: Supporting the National Drought Resilience Partnership in Montana’s Upper Missouri Headwaters.” (01/18).

~Scott, C., H. Tiessen, F.J. Meza, L.M. Farfán, M. Wilder, R.G. Varady, **J. McEvoy**, G.M. Garfin, N. Pineda. 2012. *Water Security, Risk, and Society*, Oxford, England. “Water Security and Adaptive Management in the Arid Americas.” (04/12)

~Wilder, M., I. Aguilar-Barajas, **J. McEvoy**, R. Varady, S. Megdal, N. Pineda, C. Scott. 2012. Puentes Symposium, Houston, TX. “Desalination Technology in a Binational Context: Systemic Implications for Water, Society, Energy, and Environment in the Arizona-Sonora portion of the U.S.-Mexico Border.” (04/12).

~Varady, R.G., C.A. Scott, S.B. Megdal, and **J.P. McEvoy**. 2010. Transboundary aquifer institutions, policies, and governance: A preliminary inquiry. Presented at ISARM (Internationally Shared [Transboundary] Aquifer Resources Management). Paris, France (12/10)

~Claudia, Radel, Birgit Schmook, **Jamie McEvoy** and Peggy Petrzelka 2010. Esther Boserup Conference, Vienna, Austria. “Labour migration and gendered agricultural relations: The feminization of agriculture in the ejidal sector of Calakmul, Mexico.” (11/10)

~Wilder, M., C. A. Scott, N. Pineda Pablos, R. G. Varady, G. Garfin, and **J. McEvoy**. 2010. Association of American Geographers Annual Meeting, Washington, D.C. “Vulnerability and Adaptation in a Transboundary Context: Binational Approaches to Assessing Urban Vulnerability and Adaptation in the U.S.-Mexico Border Region.” (04/10)

~Wilder, M., C. A. Scott, N. Pineda Pablos, R. G. Varady, G. Garfin, and **J. McEvoy**. 2010. Primer Congreso, Red de Investigadores de Ciencias Sociales acerca del Agua (ISSA), Mexican Institute of Water Technology, Jiutepec, Morelos, Mexico. “Adaptando al Cambio Climatico: El Agua y la Vulnerabilidad Urbana and la Frontera Mexico-EEUU.” (03/10)

~Wilder, Margaret Christopher Scott, Nicolas Pineda Pablos, Robert Varady, Gregg Garfin, and **Jamie McEvoy**. 2009. Earth Systems Governance Conference, Amsterdam. Paper presentation: “Adapting Across Boundaries: Knowledge, Social Learning and Resilience in the US-Mexico Border Region.” The paper was selected on the basis of a juried review of abstracts by the international scientific committee for ESG (12/09)

~Varady, Robert, Margaret Wilder, Christopher Scott, **Jamie McEvoy**, Nicolas Pineda, Barbara Morehouse, and Gregg Garfin. 2009. Open Meeting of the International Human Dimensions Program (IHDP), Bonn, Germany. Paper presentation (by M. Wilder): “Institutions and Societal Impacts of Climate in the Arizona-Sonora Portion of the U.S.-Mexico Border Region” (04/09)

~Varady, Robert, Margaret Wilder, Christopher Scott, Gregg Garfin, Nicolas Pineda, Barbara Morehouse, Ashley Coles, **Jamie McEvoy**, and Kate Sammler. 2009. International Alliance of Research Universities (IARU): International Scientific Congress on Climate Change, Copenhagen, Denmark. Poster presentation: "Climate, Society, and Information Flows in the U.S.-Mexico Border Region" (03/09)

~Garfin, Gregg, Ashley Coles, **Jamie McEvoy**, Kate Sammler, Robert Varady, Margaret Wilder, Christopher Scott, Tereza Cavazos, Andrea Ray, David Gochis, Nicolas Pineda, Luis Farfán, and Rolando Díaz. 2009. NOAA Climate Prediction and Applications Science Workshop, Norman, OK. Poster presentation: "Improving Information Flows to Enhance Drought and Climate Change Resilience in Northern Mexico. (03/09) <http://climate.ok.gov/cpasw/presentations.php#G>

### **SCHOLARLY ACHIEVEMENTS AND AWARDS**

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\*During tenure review period at MSU; ^During promotion period at MSU; ^^During promotion review period at UArizona

- ^Nominated for Women's Faculty Caucus Distinguished Mentor Award (2021)
- ^MSU Center for Faculty Excellence – Certificate of Teaching Enhancement (2019)
- \*Awarded *Water International* Honorable Mention paper for 2016 co-authored paper by Wilder et al. "Desalination and Water Security in the U.S.-Mexico Border Region: Assessing the Social, Environmental, and Political Impacts." *Water International* 41(5): 756-775
- \*MSU Center for Faculty Excellence Membership award (2014-2015)
- Best Poster Presentation, Water Resources Research Center 2011 Annual Conference: Salinity and Desalination in the Southwest: Challenges and Solutions, Yuma, AZ. Poster title: "Desalination in the Gulf of California: Priorities and Perspectives from Water Managers and Regional Stakeholders" (04/11)
- Best Student Presentation, USU Spring Runoff Conference. Paper presentation title: "Assessing the Long Term Impacts of Water Quality Outreach and Education Efforts on Landowners" (03/08)

### **UNIVERSITY SERVICE & LEADERSHIP**

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\*During tenure review period at MSU; ^During promotion period at MSU; ^^During promotion review period at UArizona

- ^College of Letters and Science Retention, Tenure, and Promotion Committee, member (2022-2023)
- ^College of Letters and Science Academic Diversity Partnership for Diversity, Equity, Inclusion, and Access, committee member (2022-2023)
- ^MSU Grant Writing Bootcamp, guest speaker on interdisciplinary research (2022)
- ^Montana State University Graduate Fair, Earth Sciences, participant (2022)
- ^College of Letters and Science Academic Diversity Partnership for Diversity, Equity and Inclusion, committee member (2020-2021)
- ^Montana State University Graduate Fair, Earth Sciences, lead organizer (2020)
- ^Review for MSU Scholarship and Creativity Grants (Fall 2020)
- \*^MSU Agricultural Economics Hatch Project Review Committee, External Reviewer (Nov. 2017; Nov. 2020)
- ^National Conference on Undergraduate Research at MSU (Spring 2020, canceled), Reviewed student abstracts



- ^Review Montana Water Center-USGS Seed Grants (Fall 2019)
- ^Advising Honors Student Theses (HONR 490)
  - Stori Smith, *Collateral: A Poetic Approach to Environmental Empathy*, Fall 2019
- \*^Pacific Northwest Circle of Success: Mentoring Opportunities in STEM, steering committee member (2015-2020)
- \*^Sloan Indigenous Graduate Partnership at MSU, Mentor (2015-2018)
  - Attend monthly meetings for Sloan graduate students and advisors
  - Mentor graduate student in application for NSF Graduate Research Fellowship Program
- \*ADVANCE Research Capacity Team, Member (2014-2018)
- \*^Participation in Montana Institute on Ecosystems (IoE) Initiatives (2013-2023)
- \*Support MSU ADVANCE program evaluations (2013-2017)
  - Participant in NSF ADVANCE Assessment Meeting (04/15/2014)
  - ADVANCE Open Team Meeting (4/25/2014; 12/2013)
- \*Middle Eastern Partnership Initiative (MEPI) at MSU, Mentor (Summer 2015)
- \*Graduate representative on comprehensive exam committee for Nicholas Loutrel, graduate student in MSU Department of Physics (April 15, 2014)

#### **DEPARTMENTAL SERVICE & LEADERSHIP**

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\*During tenure review period at MSU; ^During promotion period at MSU; ^^During promotion review period at UArizona

- ^\*Seminar Organizer, EARTH 494/594: Earth Sciences Seminar, MSU (1 credit) (2022-23)
- ^Student Success Committee (2022-2023)
  - Convene resume review session for undergraduate and graduate students
- ^\*Guest Lectures
  - LRES 593: Grand Challenges (Fall 2022), led fieldtrip to beaver mimicry site
  - GPHY 425: Geographic Thought (Spring 2021, 2022)
  - GEO 103: Introduction to Environmental Geography (Spring 2018, 2020)
- \*^Water Resources Minor Committee, Department Representative, (2013-2023)
- \*^ESCI Departmental Awards Committee, member (Fall 2017-2020; 2022-2023)
- \*^Faculty Advisor for Graduate Student Colloquium Committee (2014-2023)
- \*^Meet with prospective Earth Science students (Spring 2017-2023)
- \*^ESCI Department Graduate Student Committee, member (Fall 2018-2021)
- ^Peer Teaching Evaluations
  - Spring 2020: Sarah Church, GPHY 365: Geographical Planning
  - Fall 2020: Julia Haggerty, GPHY 121: Human Geography
- \*^ESCI Department Representative at Institute on Ecosystem's School of the Environment Meetings (Spring 2018-2019)
- \*Faculty Senate, Department Representative, MSU (Spring 2018)
- \*Led revisions and updates for *AAG Guide to Geography Programs* (Spring 2018)
- \*Led successful proposal for two PhD Enhanced Graduate Teaching Awards to increase departmental GTA funds (Spring 2018)
- \*Departmental committee for revising role and scope document (Spring 2017)
- \*Contributed to department self-study report on assessing undergraduate program (Spring 2017)
- \*Hiring committee for Student Success Services position, chair (Fall 2016)
- \*Hiring committee for Biogeographer position, member (Spring 2016)

- \*Department of Earth Sciences Seminar Series Coordinator & Co-coordinator, Montana State University (2013-2016)
- \*MSU Phone-A-thon: call prospective Earth Science students (Spring 2015)
- \*Co-coordinate “Geography Wednesdays” – a professional development workshop for graduate students in Geography (Spring 2015)

#### **PROFESSIONAL SERVICE & LEADERSHIP**

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\*During tenure review period at MSU; ^During promotion review period at MSU; ^^During promotion review period at UArizona

- ^^Associate Editor, *Journal of American Water Resources Association*: publishes original research that examines the multidisciplinary and complex issues surrounding water resources (April 2024-present)
- \*^Editorial Board Member, *Investigaciones Geográficas*: an international, multi-disciplinary, refereed, open access journal (2015-present)
- Reviewer for professional journals, books and reports (2013-present)
  - \**Agriculture and Human Values*
  - ^*Antipode: A Radical Journal of Geography*
  - ^Book Chapter: *Acequias of New Mexico -- Elements of Resilience in a Coupled Natural Human System*
  - \*Book Chapter: *Coordinating Research on the Social Impacts of Energy Development: Synthesis across the Social Sciences*
  - ^*Ecology and Society*
  - ^*Environment and Planning E: Nature and Society*
  - ^*Environmental Development*
  - ^*Environmental Science and Policy*
  - \**Geographical Review*
  - ^*Hydrology and Earth System Sciences*
  - \**International Journal of Urban and Regional Research*
  - ^*Journal of Environmental Policy & Planning*
  - ^*Journal of Environmental Studies and Sciences*
  - ^*Journal of the American Water Resources Association*
  - \**Journal of Rural Studies*
  - \**Journal of the Southwest*
  - \**Montana State Climate Assessment*
  - \**Political Geography*
  - \**Resources*
  - ^*Risk Analysis*
  - \**Science, Technology & Human Values*
  - ^*USGS Project Reports*
  - \*^*Water*
  - \*^*Water Alternatives*
  - \**Water History*
  - ^*Water Resources*
  - ^*Weather, Climate and Society*
  - \*^*WIRES: Water*
  - \**you are here: the journal of creative geography*

- Reviewer for competitive research grants
  - ^University of Wisconsin Aquatic Sciences Center (2024)
  - ^Canada First Research Excellence Fund (CFRER), reviewer (2022)
  - ^Fulbright Comexus Review Panel (2022)
  - ^US Geological Survey Water Grants, Ad Hoc Reviewer (2021)
  - ^National Science Foundation, Panel Review (2020)
  - ^National Science Foundation, Panel Review (2019)
  - ^National Science Foundation, Ad Hoc Reviewer (2019)
  - \*US Department of the Interior, Climate Science Center (2016)
- ^External Reviewer for Promotion and Tenure Case (2022)
- ^External Reviewer for Promotion and Tenure Case (2021)
- ^External Reviewer for USGS Promotion Case (2021)
- ^MSU Delegate, Universities Council on Water Resources (Spring 2018-2024)
- \*^Member of American Association of Geographers (AAG) (2008-present)
- \*^At-Large Officer for Cultural and Political Ecology (CAPE) Specialty Group of the American Association of Geographers (AAG) (Spring 2017-Spring 2019)
- ^Reviewer for 2019 CAPE Graduate Student Travel Awards (Spring 2019)
- \*Reviewer for 2018 Blaut Award and 2018 Netting Award for Cultural and Political Ecology (CAPE) Specialty Group of the American Association of Geographers (AAG) (Spring 2018)
- Session Chair/Organizer
  - ^**McEvoy, Jamie** (MSU) and Zachary Sugg (Babbit Center of the Lincoln Land Institute). 2020. American Association of Geographers, Denver, CO. Integrating Land and Water Management Policy in the Western U.S. and other Dry Regions, Session co-organizer (April 6, 2020). Note: session was reorganized as a virtual session due to COVID-19 pandemic.
  - \***McEvoy, Jamie** (MSU) and Mathew Anderson (E. Washington Univ). 2015. American Association of Geographers, Chicago, IL. The Politics of Natural Resource Governance in the American West, Session co-organizer (April 21-25, 2015).
  - \***McEvoy, Jamie**, Maria Christina Fragkou, David Saurí (Univ. of Barcelona, Spain) American Association of Geographers, Chicago, IL *Slaying the Malthusian (Water) Dragon? Critical Geographical Perspectives on Desalination*, Session co-organizer (April 21-25, 2015)
  - 2<sup>nd</sup> International Conference: Climate, Sustainability and Development in Semi-Arid Regions, Fortaleza, Brazil, Session organizer and chairperson, (08/2010)
- Co-editor, *you are here: the journal of creative geography*, University of Arizona, School of Geography and Development (2009-2010)

#### **TRAINING AND ENHANCEMENT ACTIVITIES**

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\*During tenure review period at MSU; ^During promotion period at MSU; ^^During promotion review period at UArizona

- ^Diversity, Equity, and Inclusion Trainings
  - Safe Zone 1 Training (03/02/2021)
  - Safe Zone 2 Training (02/09/2021)
  - DIV100 Exploring Cultural Identify (02/23/2021)

- Center for Faculty Excellence – Teaching Enhancement Workshops, Montana State University
  - ^Social Media Visibility and Research Practice (2021)
  - ^How to Make Virtual Engagement Easy with Chad Littlefield (1/15/20)
  - ^Utilizing WebEx to Engage Online (03/20/20)
  - ^Three Pillars of Online Teaching (03/19/20)
  - ^Recording Lectures Using TechSmith Relay (03/17/20)
  - ^Indigenous Mentoring Program, Full Day Workshop (11/03/18)
  - \*Higher Education for Sustainable Development, II (04/30/18)
  - \*NSF CAREER Grant Writing Workshop (1/19/17)
  - \*Broader Impacts for your Grant (11/15/16)
  - \*Student Advising: Maximizing Meetings (09/23/15)
  - \*Introduction to Grant Funding at MSU (04/08/2015)
  - \*USDA Funding Opportunities Workshop (04/13/15)
  - \*Engaging Large Classes: Tips and Tricks for Teaching 100+ Student Classrooms (11/20/14)
  - \*Institute for Translational Health Sciences: Research, Resources and Collaborators with Director Laurie Hassell (10/28/14)
  - \*Graduate Student Advising (10/06/14)
  - \*Undergraduate Student Advising (10/06/14)
  - \*Engaging Students in Large Lectures with Greg Frances (3/6/14)
  - \*Speeding with Technology (01/30/14)
  - \*Introduction to iClickers (01/13/2014)
  - \*Learning from the Leaders (10/20/20 -- 3)
  - \*Writing Center as a Resource (09/29/2013)
  - \*Overview of Teaching Technology (09/12/2013)
  - \*Advanced D2L Training: D2L Assessment (9/10/2013)
- \*MSU ADVANCE program (2013-2017)
  - ADVANCE Guest Speaker, Dr. Luis Fraga, Notre Dame University on Diversity and Inclusion in Higher Education (05/05/16)
  - Participant in ADVANCE NSF CAREER Grant Workshop (01/30/15)
  - Women in Science Empowerment Lunches (2013-2016)
  - Snacks with TRACS (2013-2017)
  - ADVANCE Sandbox (11/20/2014)
  - ADVANCE Grant Writing Bootcamp, Montana State University (Fall 2013)
- \*Participate in a weekly writing group through the Center for Faculty Excellence (2014-2016)
- \*Indigenous Knowledge Field Camp, Moscow, ID (August 10-14, 2015)
- \*Early Career Scientist Training: Concepts and Tools, North Central Climate Science Center Research, Colorado State University, Fort Collins, CO (May 18-29, 2015)
- \*AAG Geography Faculty Development Alliance Workshop for Early Career Faculty in Storrs, CT (June 22-28, 2014)
- Participant in webinars and online courses
  - \*Social Vulnerability Webinar Series: Communities, Climate Change, and National Forests (USFS Rocky Mnt Research Station and University of Montana). (Spring 2015)
  - \*The Research Link Between Unconventional Oil & Natural Gas Development & Reproductive Health. Center for Environmental Health (04/13/15)

- \*Water in the Western United States. UC Boulder, CIRES and Western Water Assessment (Spring 2015)
- \*MSU Promotion and Tenure Overview with Associate Provost David Singel (05/06/2014)
- \*College of Letters and Sciences New Faculty Forum Monthly Meetings (Fall 2013)
- \*Winter School on Anticipatory Governance of Emerging Technologies, The Center for Nanotechnology in Society, Arizona State University (Jan 3-10, 2014)
- \*MSU Principal Investigator Training (10/22/2013)
- \*Online teaching certification, Office of Instruction and Assessment, University of Arizona (February 2012)

### **ADVISING AND MENTORING**

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\*Advising during tenure review period at MSU; ^During promotion period at MSU; ^^During promotion review period at UArizona

#### **Graduate Students, PhD – Primary Advisor**

- \*^Nicolas Bergmann, PhD Geography, Advisor (2014-2020), Dissertation title: *Towards a More-than-Human Geography of the Yellowstone River*.

#### **Graduate Students, MS – Primary Advisor**

- \*^Megan Moore, MS Geography, Advisor (2016-2018), Thesis title: *Understanding Ranchers' Beliefs and Behaviors Regarding Drought and Natural Water Storage in Southwest Montana*.
  - Awarded a “best poster” award (MT AWRA, 2017)
- \*^Valerie Sigler, MS Geography, Advisor (2016-2018), Thesis title: *Water Conservation: Transforming Information and Attitudes into Action*.
- \*Dionne Zoanni, MS Geography, Advisor (2015-2017), Thesis title: *Traditional Knowledge Systems and Tribal Water Governance on Fort Peck Indian Reservation, MT*
  - Awarded USGS Student Interns in Support of Native American Relations (SISNAR) (2016)
  - Sloan Scholar
  - INBRE fellow
  - Accepted full-time position with US Geological Survey Cloud Hosting Solutions (CHS) as a Communications Specialist (2018-present)
- \*Danika Holmes, MS Geography, Advisor (2014-2016), Thesis title: *Natural Water Storage and Climate Change Resiliency in Montana: A Geospatial Approach*.
  - 2 “best poster” awards
  - Accepted full-time position with MT DNRC as a Water Specialist (2016-present)

#### **Graduate Students, PhD – Committee Member**

- \*^Grete Gansauer, PhD Geography, Committee member (2019-2024)
- ^Ekta Patel, PhD Environmental Policy, Duke University, External committee member (2020-2023)
- \*^Laurel Angell, PhD, Environmental History, Committee member (2018-2023)
- ^Teresa Greenwood, PhD, American Studies, Committee member (2019-2023)
- \*^Jennifer Dunn, PhD, Environmental History, Committee member (2016-2022)
- \*^Katie Epstein, PhD Geography, Committee member (2017-2020)
- \*^Kris Smith, PhD Geography, Committee member (2016-2020)
- \*^Kathryn Bills, PhD Geography, Committee member (2013-2020)

- \*^Robert Briwa, PhD Geography, Committee member (2013-2019)
- \*^Xiangmei Li, PhD, Geography, Committee member (2017-18)

**Graduate Students, MS – Committee Member**

- ^Erin Bjorklund, MS Geography, Advisor (2022-2024)
- \*^Michael Stone, MS, Geography, Committee member (2016-2023)
- William Griffiths, MS American Studies, Committee member (2020-2021)
- \*Alex Parijanlar, MS, Political Science, Committee member (2018-2019)
- \*Katherine French, MS, Political Science, Committee member (2016-2017)
- \*Thomas Woods, MS, Political Science, Committee member (2015-2016)
- Alex Leone, MS Geography, Committee member (2013-2016)

**Postdoctoral Student Mentoring**

- \*Hannah Jaicks, PhD, Graduate Center at the City University of New York (CUNY), 2016

**Undergraduate Research Assistants**

- \*James McCarthy, The Impacts of Narrative-Based Risk Communication on Hazard Preparedness (2017)
- \*Valerie Sigler, Water-Energy-Health Nexus in E. Montana (2016)
- \*Gary Lindgren, Assessing Conservation Efforts on Deep Creek, MT (2016)
- \*Marlo Kapsa, Water-Energy-Health Nexus Project (2015)
- \*Richard Woodfork, Yellowstone Basin Advisory Council and the Sciences of Vulnerability Project (2014)