R. Patrick Bixler
Curriculum Vitae
Assistant Professor | LBJ School of Public Affairs
The University of Texas at Austin
(512) 471-3988; rpbixler@utexas.edu
https://sites.utexas.edu/rpbixler/
Google Scholar Profile (h-index: 21, cited by 1,768)

Professional Positions

The University of Texas, LBJ School of Public Affairs, Community and Regional Planning, RGK Center for Philanthropy and Community Service, Austin, TX

2020-Present	Assistant Professor (tenure track)
2018-2020	Assistant Professor of Practice
2016-2018	Research Fellow and Lecturer

Texas A&M University, Institute for Renewable Natural Resources and Department of Wildlife and Fisheries Sciences, College Station, TX

2015-2016	Research Scientist and Assistant Lecturer

University of Oregon, Institute for a Sustainable Environment and Environmental Studies Program, Eugene, OR

2014-2015	Research Faculty Associate and Affiliated Faculty

Colorado State University, Department of Sociology, Fort Collins, CO

2012-2016	Adjunct Faculty

Pinchot Institute for Conservation, Washington DC

2014-Present	Senior Fellow
2013-2014	Post-doctoral Research Fellow

Humboldt State University, Extended Education, Arcata, CA

2011-2012	Extension Faculty

Education

2014	**Doctor of Philosophy, Sociology** Colorado State University (CSU), Fort Collins, Colorado
2011	Thor Heyerdahl Summer School, Environmental Governance Norwegian Life Sciences University, Aas, Norway
2008	**Master of Arts, Sociology, Honors** University of Montana (UM), Missoula, Montana
2006	**Postgraduate Diploma in Science, Psychology, First Degree Honors** University of Canterbury, Christchurch, New Zealand
2003	**Bachelor of Business Administration, Finance, Summa Cum Laude** Texas Tech University, Lubbock, Texas
2002	Summer Study Abroad, International Business Consortium of Universities for International Studies, Paderno, Italy

Publications

Books and Special Issues (editor)

2
R. Patrick Bixler, Lynn Scarlett, Matthew McKinney (eds). 2016. "Network Governance and Large Landscape Conservation." A special issue in *Frontiers in Ecology and Environment,* 14(3). http://esajournals.onlinelibrary.wiley.com/hub/issue/10.1111/fee.2016.14.issue-3/

1
Sample, V. Alaric, **R. Patrick Bixler**, and Char Miller (eds.). 2016. *Forest Conservation and Management in the Anthropocene: Adaptation of Science, Policy and Practices.*
- University Press of Colorado.
- General Technical Report. RMRS-P-71. Fort Collins, CO: US Department of Agriculture, Forest Service. Rocky Mountain Research Station. (2014)

Peer-reviewed Journal Articles (* graduate student co-author; **indicates community partner co-author)

46
Ma, Jong Won, Fernanda Leite, Katherine Lieberknecht, Keri K. Stephens, and R. Patrick Bixler. 2024. "Using Q-Methodology to Discover Disaster Resilience Perspectives from Local Residents." *International Journal of Disaster Risk Reduction* 104 (April): 104353. https://doi.org/10.1016/j.ijdrr.2024.104353.

45
Hwang, Hyunseok, **R. Patrick Bixler**, William A. Brown, and Arnold Vedlitz. 2024. "How to Activate Nonprofit Beneficiaries for Community Resilience? Examining the Role of Risk Perception and Evaluation of Nonprofit Services on Prosocial Behavior in the Context of Natural Hazards." *Sociological Spectrum* 44 (1): 16–37. https://doi.org/10.1080/02732173.2023.2279968.

44
Preisser, Matthew, Paola Passalacqua, **R. Patrick Bixler**, and Stephen Boyles. 2023. "A Network-Based Analysis of Critical Resource Accessibility during Floods." *Frontiers in Water* 5. https://www.frontiersin.org/articles/10.3389/frwa.2023.1278205.

43
Kamath, Harsh G.*, Alberto Martilli, Manmeet Singh, Trevor Brooks*, Kevin Lanza, **R. Patrick Bixler**, Marc Coudert, Zong-Liang Yang, and Dev Niyogi. 2023. "Human Heat Health Index (H3I) for Holistic Assessment of Heat Hazard and Mitigation Strategies beyond Urban Heat Islands." *Urban Climate* 52 (November): 101675. https://doi.org/10.1016/j.uclim.2023.101675

42
Lanza, Kevin, Jessica Jones*, Frances Acuña**, Marc Coudert**, **R. Patrick Bixler**, Harsh Kamath*, Dev Niyogi. "Heat vulnerability of Latino and Black residents in a low-income community and their recommended adaptation strategies: A qualitative study." *Urban Climate 51 (September): 101656. https://doi.org/10.1016/j.uclim.2023.101656.*

41
Zoll, Deidre, Katherine Lieberknecht, **R. Patrick Bixler**, J. Amy Belaire, and Shalene Jha. 2023. "Integrating Equity, Climate Risks, and Population Growth for Targeting Conservation Planning." *Environmental Science & Policy* 147 (September): 267–78. https://doi.org/10.1016/j.envsci.2023.06.015.

40
Zoll, Deidre, **R. Patrick Bixler**, Katherine Lieberknecht, J. Amy Belaire, Auva Shariatmadari, and Shalene Jha. 2023. "Intersectional Climate Perceptions: Understanding the Impacts of Race and Gender on Climate Experiences, Future Concerns, and Planning Efforts." *Urban Climate*, June, 101576. https://doi.org/10.1016/j.uclim.2023.101576.

39
Hwang, Hyunseok, Arnold Vedlitz, and **R. Patrick Bixler**. 2023. "Growing Community Resilience from the Grassroots: Risk Awareness, Confidence in Institutions, and Civic

Participation in a Natural Hazards Context." *Natural Hazards Review* 24 (3): 04023020. https://doi.org/10.1061/NHREFO.NHENG-1658.

38 **R. Patrick Bixler**, Rebecca S. Epanchin-Niell, Mark W. Brunson, Ryan Tarver*, Benjamin A. Sikes, Clare E. Aslan. 2023. "How social and ecological characteristics shape transaction costs in polycentric wildfire governance: Insights from the Sequoia-Kings Canyon Ecosystem, California, USA." *Ecology and Society* 28(1):34. https://doi.org/10.5751/ES-13834-280134

37 **Bixler, R. Patrick**, Marc Coudert**, Steven Richter, Jessica Jones, Carmen Llanes Pulido**, Nika Akdavan**, Paola Passalacqua, Matt Bartos, Dev Niyogi. 2022. "Reflexive Co-production for Urban Resilience: A guiding framework and experiences from Austin, Texas." *Frontiers in Sustainable Cities,* 4:1015630.

36 Steven Richter, **R. Patrick Bixler**. 2022. "Complexifying urban expansion: an exploratory, gradient-based approach." *Buildings and Cities,* 3(1), 792–807. http://doi.org/10.5334/bc.226

35 J. Amy Belaire, Caitlin Higgins, Deidre Zoll, Katherine, Lieberknecht, **R. Patrick Bixler**, John L. Neff, Timothy H. Keitt, Shalene Jha. 2022. "Fine-scale monitoring and mapping of biodiversity and ecosystem services reveals multiple synergies and few tradeoffs in urban green space management." *Science of the Total Environment,* 849: 157801.

34 Matthew Preisser*, Paola Passalacqua, **R. Patrick Bixler**, Juliann Hofmann. 2022. "Intersecting Near-Real Time Fluvial and Pluvial Inundation Estimates with Sociodemographic Vulnerability to Quantify a Household Flood Impact Index." *Hydrology and Earth System Sciences,* 26: 3941-3964.

33 **R. Patrick Bixler**, J. Amy Belaire, Kasey M. Faust, Mateo Scoggins**, Ana González**. 2022. "Exploring the connection between transdisciplinary co-production and urban sustainability solutions: a case study at an urban stream management symposium." *Urban Ecosystems,* 25:1207–1216. doi.org/10.1007/s11252-022-01226-7.

32 **R. Patrick Bixler**, Euijin Yang*, Steven Richter*, Marc Coudert**. 2021. "Boundary crossing for urban community resilience: A social vulnerability and multi-hazard approach in Austin, Texas." *International Journal of Disaster Risk Reduction,* 66: 102613.

31 J. Kelly Hoffman*, Gerard Kyle, Morgan Treadwell, **R. Patrick Bixler**, Urs P. Kreuter. 2021. "A process-oriented model of decision-making toward landscape-scale prescribed fire implementation in the Southern Great Plains, USA". *Environmental Management*. https://doi.org/10.1007/s00267-021-01538-y

30 **R. Patrick Bixler**, Sandeep Paul*, Jessica Jones*, Matthew Preisser*, Paola Passalaqua. 2021. "Unpacking adaptive capacity to flooding in urban environments: social capital, social vulnerability, and risk perception." *Frontiers in Water,* 3:728730. doi: 10.3389/frwa.2021.728730

29 J. Kelly Hoffman*, **R. Patrick Bixler**, Morgan Treadwell, Lars G. Coleman*, Thomas W. McDaniel*, Urs P. Kreuter**. 2021. "The impact of affective heuristics in decision-making regarding the implementation of prescribed fire on private rangelands in the Southern Great Plains, USA". *Society and Natural Resources,* 34(5): 621-638.

28 **R. Patrick Bixler.** 2020. "Fertile Soil for Organic Public Sociology: Community-Based Natural Resource Management." *The American Sociologist,* 51: 558–565.

27   Samer Atshan*, **R. Patrick Bixler**, Varun Rai, David Springer. 2020. "Pathways to Urban Sustainability through Individual Behaviors: the Role of Social Capital." *Environmental Science and Policy,* 112: 330-339.

26   **R. Patrick Bixler,** Katherine Lieberknecht, Samer Atshan*, Clare Zutz*, Steven Richter*, Amy Belaire. 2020. "Reframing urban governance for resilience implementation: A network paradigm and the role of network closure." *Cities,* 103: 102726.

Publications starting at 26 were published in rank as Assistant Professor at the LBJ School of Public Affairs

25   Stephanie Mansourian, John Parrotta, Poorna Balaji, Imogen Bellwood-Howard, Suhas Bhasme, **R. Patrick Bixler**, et al. 2019. "Putting the Pieces Together: Integration for Forest Landscape Restoration Implementation." *Land Degradation and Development,* 31(4): 419-429.

24   **R. Patrick Bixler,** Samer Atshan*, Jay Banner, Robert Mace, Darrel Tremaine. 2019. "Assessing integrated sustainability research: Use of social network analysis to evaluate scientific integration and transdisciplinarity in research networks." *Current Opinion in Environmental Sustainability,* 39: 103-113.

23   **R. Patrick Bixler**, Katherine Lieberknecht, Fernanda Leite, Micheal Oden, Juliana Felkner, Steven Richter, Samer Atshan*, Alvaro Zilveti*, and Rachel Thomas*. 2019. "An observatory framework for metropolitan change: understanding urban social-ecological-technical systems in Texas and beyond." *Sustainability, 11, 3611; doi:10.3390/su11133611*

22   **R. Patrick Bixler** and David W. Springer. 2018. "Nonprofit Social Capital as an Indicator of a Healthy Nonprofit Sector." *Nonprofit Policy Forum,* 9(3): 1.

21   Abrams, Jesse, Heidi Huber-Stearns, Marlene Luviano*, Chris Bone, **R. Patrick Bixler** Michael Nelson, and Cassandra Moseley. 2018. "Does Policy Respond to Environmental Change Events? An analysis of Mountain Pine Beetle Epidemics in the Western United States." *Environmental Science and Policy,* 90: 102-109.

20   **R. Patrick Bixler,** Marisa Zappone, Lin Rui Li*, and Samer Atshan*. 2018. "Unpacking the role of data in philanthropy: Prospects for an integrated framework." *The Foundation Review,* 10(2): 52-66.

19   Nielsen-Pincus, Max, Cody Evers*, Cassandra Moseley, Heidi Huber-Stearns, and **R. Patrick Bixler**. 2018. "Local capacity to engage in federal wildfire suppression efforts: An explanation of variability in local capture of suppression contracts." *Forest Science,* 64 (5): 480-490.

18   **R. Patrick Bixler**, Melly Rueling, Shawn Johnson, and Gary Tabor. 2018. "The Crown of the Continent: A Case-study of Collaborative Climate Adaptation." *Encyclopedia of the Anthropocene, Volume 2:* 307-315.

17   **R. Patrick Bixler.** 2017. "The World System of the Paris Agreement: Construction, Flow, and Implementation of Climate Knowledge Through REDD+". *Social Thought and Research (STAR)*, 34: 33-58.

16   Keske, Catherine M.H., R. Patrick Bixler, Christopher T. Bastian, Jennifer E. Cross. 2016. "Are Population and Land Use Changes Perceived as Threats to Sense of Place in the New West? A Multilevel Approach." *Rural Sociology*, 82 (2): 263-290.

15   Romolini, Michele, **R. Patrick Bixler**, Morgan Grove. 2016. "A social-ecological framework for urban stewardship network research to promote sustainable and resilient cities." *Sustainability*, 8: 956.

14   **R. Patrick Bixler,** Matthew McKinney, Lynn Scarlett. 2016. "Forging New Models of Natural Resource Governance." *Frontiers in Ecology and Environment*, 14(3): 115.

13   **R. Patrick Bixler**, Dara M. Wald, Laura A. Ogden, Kirsten M. Leong, and Erik W. Johnston, Michele Romolini. 2016. "Network Governance for Large-Scale Natural Resource Conservation and the Challenge of Capture." *Frontiers in Ecology and the Environment*, 14(3): 165-171.

12   **R. Patrick Bixler,** Shawn Johnson, Kirk Emerson, Tina Nabatchi, Melly Reuling, Charles Curtin, Michele Romolini, and J. Morgan Grove. 2016. "Networks and Landscapes: A Framework for Setting Goals and Evaluating Performance at the Large-landscape Scale." *Frontiers in Ecology and Environment,* 14(3): 145-153.

11   Bone, Christopher, Cassandra Moseley, Kirsten Vinyeta, **R. Patrick Bixler**. 2016. "Employing Resilience in the United States Forest Service." *Land Use Policy,* 52: 430-438.

10   Sample, Alaric, **R. Patrick Bixler**, Maureen McDonough, Steven Bullard, and Mary Snieckus. 2015. "The Promise and Performance of Forestry Education in the United States: Results of a Survey of Forestry Employers, Graduates, and Educators." *Journal of Forestry*, 113(6): 528-537.

9   Jedd, Theresa and **R. Patrick Bixler**. 2015. "Accountability in networked governance: Learning from a case of landscape-scale forest conservation." *Environmental Policy and Governance*, 25: 172-187.

8   **R. Patrick Bixler**, Jampel Dell'Angelo, Orleans Mfune, Hassan Roba. 2015. "The Political Ecology of Participation: A Cross-Continent Assessment." *Journal of Political Ecology*, 22: 164-182.

7   Pejchar, Liba, Sarah Reed, **R. Patrick Bixler,** Lindsay Ex, Miranda Mockrin. 2015. "Consequences of Residential Development for Biodiversity and Human Well-being." *Frontiers in Ecology and the Environment*, 13(3): 146–153.

6   Mattor, Katherine, Michele Betsill, Ch'aska Huayhuaca, Heidi Huber-Stearns, Theresa Jedd, Faith Sternlieb, **R. Patrick Bixler**, Matthew Luizza, Antony S. Cheng. 2014. "Transdisciplinary Research on Environmental Governance: A View from the Inside." *Environmental Science and Policy*, 42: 90-100.

5   **Bixler, R. Patrick**. 2014. "From Community Forest Management to Polycentric Governance: Assessing Evidence from the Bottom-up." *Society and Natural Resources*, 27 (2): 155-169.

4   Sternlieb, Faith, **R. Patrick Bixler**, Heidi Huber-Sterns, and Ch'aska Huaska. 2013. "A Question of Fit: Reflections on Boundaries, Organizations, and Social-Ecological Systems." *Journal of Environmental Management*, 130: 117-125.

3   **Bixler, R. Patrick**. 2013. "The Political Ecology of Local Environmental Narratives: Power, Knowledge, and Mountain Caribou Conservation." *Journal of Political Ecology*, 20: 273-285.

2   Wyborn, Carina and **R. Patrick Bixler**. 2013. "Collaboration and Nested Environmental Governance: Scale Dependency, Scale Framing, and Cross-Scale Interactions in Collaborative Conservation." *Journal of Environmental Management*, 123: 58-67.

1   **Bixler, R. Patrick** and Peter Leigh Taylor. 2012. "Toward a Community of Innovation in Community-Based Natural Resource Management: Insights from Open Source Software." *Human Organization*, 71 (3): 234-243.

Book Chapters

6
    R. Patrick Bixler, Sandeep Paul*, Debasmita Bhakta*, Tamar Farchy*, Jessica Olson*, Matthew Preisser*, and Paolo Passalacqua. 2023. "Adaptive Governance for Disaster Risk Reduction." *Handbook on Adaptive Governance*. Edward Elgar Publishing.

5
    R. Patrick Bixler and Jessica Jones*. 2022. "Indicators for Community Resilience: social vulnerability, adaptive capacity, and multi-hazard exposure in Austin, Texas." Community Quality-of-Life Indicators: Best Cases IX volume. Springer International Publishing.

4
    R. Patrick Bixler. 2021. "The knowledge network: identifying actors and structural dimensions of knowledge transfer." In Catarina C. Ferreira and Cornelya F.C. Klutsch (eds.) *Wildlife Research Monographs: Closing the Knowledge-Implementation Gap in Conservation Science - Evidence Transfer across Spatiotemporal Scales and Different Stakeholders.* Springer International Publishing. Forthcoming.

3
    Bruce Beard and **R. Patrick Bixler**. 2020. "Wildlife Management on Federal Lands." In Nova Silvy (ed). The Wildlife Techniques Manual: Management (Volume 2), 9th Edition. The Johns Hopkins University Press. Forthcoming.

2
    R. Patrick Bixler, Teresa Jedd, and Carina Wyborn. 2018. "Polycentric Governance and Forest Landscape Restoration: Considering Local Needs, Knowledge Types, and Democratic Principles." Pp. 176-198 in Stephanie Mansourian and John Parrotta (eds). *Forest Landscape Restoration: Integrated Approaches to Support Effective Implementation.* Earthscan Forest Library Series.

1
    Cleaves, David and **R. Patrick Bixler**. 2016. "Evolving Institutional and Policy Frameworks to Support Adaptation Strategies." Pp. 223-234 in Sample, V. Alaric, R. Patrick Bixler, Char Miller (eds.). *Forest Conservation and Management in the Anthropocene: Adaptation of Science, Policy, and Practices.* University of Colorado Press.

Book Reviews

1
    Bixler, R. Patrick. 2014. "It's Not Just Who You Know but Can You Tell a Story? The Role of Narratives in Network Governance." *Public Administration Review*, 74 (2): 277–280.

Manuscripts Under Review or Revision

Organizational Capacity for Collaborative Adaptive Governance: An Empirical Assessment of a Large Landscape Network. In R&R at *Environmental Management.*

Joycelyn Ovalle, R. Patrick Bixler, Ji Ma. "How do nonprofits' organizational characteristics shape environmental philanthropy in Texas? A Network science approach. In review at *Nonprofit Policy Forum.*

Buono, Regina and Patrick Bixler. "The role of emergence frontiers for structuring adaptive governance for nature-based solutions in Valladolid, Spain." In review as part of a special issue entitled, "State-Reinforced Transformative and Adaptive Governance of Sustainable Social-Ecological Systems" at *Ecology and Society,.*

"How Perspectives on Racial Equity Influence Climate Change Collaboration amongst ENGOs: A Network Perspective." Submitted to *Global Environmental Change.*

"Racial Disparities in Access to Health Care: The Effects of Social Capital and Civic Participation". In review at Social Science Research.

Technical Reports, Policy Briefs, and Non-Peer Reviewed Articles

2020   **Bixler, R. Patrick** and Euijin Yang*. "Social Vulnerability in Texas: Implications for Resilience, Equity, and Climate Policy." Planet Texas 2050.

2020   **Bixler, R. Patrick** and Euijin Yang*. "Climate Vulnerability in Austin: A Multi-risk Assessment." Planet Texas 2050 and Austin Area Sustainability Indicators.

2019   Lieberknecht, Katherine, Michael Oden, Fernanda Leite, **R. Patrick Bixler**, Juliana Felkner, Steven Richter*, Sarah Wu, Lucy Hall*, Rachel Thomas*, Alvaro Zilveti*, Samer Atshan*, and Julien Brown*. "People, Land, and Water: Stories of Metropolitan Growth." Planet Texas 2050.

2019   **Bixler, R. Patrick**. "Why Equity Matters for Sustainability: Towards a More Equitable Austin."

2018   **Bixler, R. Patrick**. "Austin Civic Health Index Report."

2018   **Bixler, R. Patrick** and Rochelle Olivares. "Strategic Collaboration for Sector Sustainability: A Study of Community Catalyst Funds and Austin Area Collaboration."

2017   **Bixler, R. Patrick.** "Women Issues are Community Issues." Austin Community Foundation.

2017   **Bixler, R. Patrick.** "When Hispanics Rise, Austin Rises: 2017 Status Report on Hispanic Families in Central Texas." Austin Community Foundation.

2016   **Bixler, R. Patrick**, Clare Zutz, and Ashley Lovell. "Using Networks to Tackle Growth and Complexity: The application of social network analysis to regional conservation." *Stanford Social Innovation Review.*

2016   Bixler, Audrey, **R. Patrick Bixler**, Cassandra Moseley, Autumn Ellison, and Doug Quirk. "Administrative and Judicial Review of NEPA Decisions: Risk Factors and Risk Minimizing Strategies for the Forest Service." Ecosystem Workforce Program, Working Paper #56.

2016   **Bixler, R. Patrick** and Ashley Lovell. "Hill Country Conservation: A Network and Narrative for Large-Scale Collaborative Conservation." A report to the Cynthia and George Mitchell Foundation.

2015   Moseley, Cassandra, Emily Jane Davis, and **R. Patrick Bixler.** "Innovative Contracting: A Guide for Collaborative Groups and Community Partners." Quick Guide, Summer 2015. Ecosystem Workforce Program, University of Oregon.

2015   Huber-Stearns, Heidi, **R. Patrick Bixler**, and Cassandra Moseley. "Private Contracting on National Forest Lands: Preseason Contracting and Fire Response." Working Paper 61, Summer 2015. Ecosystem Workforce Program, University of Oregon.

2015   Huber-Stearns, Heidi, **R. Patrick Bixler**, Autumn Ellison, and Cassandra Moseley. "Call When Needed: Private Contracting for Wildfire Suppression in Unpredictable Work Environment". Briefing Paper 63, Summer 2015. Ecosystem Workforce Program, University of Oregon.

2015   Reuling, Melly, Shawn Johnson, Sue Higgins, **R. Patrick Bixler**, Sam Williams, and Gary Tabor. "Adapting to change in the Crown of the Continent: an ecosystem scale approach to collaborative management." Center for Large Landscape Conservation: Bozeman, Montana. September 2015.

2015   **Bixler, R. Patrick** and Brian Kittler. "Collaborative Forest Landscape Restoration: A Meta-Analysis of Existing Research on the CFLR Program." Pinchot Institute for Conservation. June 2015.

2015 Autumn Ellison, Cassandra Moseley, and **R. Patrick Bixler.** "Drivers of Wildfire Suppression Costs: Literature Review and Annotated Bibliography." Ecosystem Workforce Program, Working Paper #53.

2014 **Bixler, R. Patrick.** "Biodiversity Conservation and Wildlife Management in the Anthropocene." *Pinchot Letter*, 17 (4) (Summer)

2014 **Bixler, R. Patrick.** "Preparing for the Mid-term: Nearing Five Years of the Collaborative Forest Landscape Restoration Program." *Pinchot Letter*, 17 (3) (Spring)

2013 **Bixler, R. Patrick**. "Navigating Waters Beyond the Blackfoot: Transferability of the Collaborative Conservation Model." Center for Collaborative Conservation, Colorado State University.

2012 **Bixler, R. Patrick**. "Montana: The Last Best Place." *American Sociological Association Footnotes*, 40/3 (March).

2011 **Bixler, R. Patrick**, Jampel Dell'Angelo, Orleans Mfune, Hassan Roba. "Discourse and practice in participatory conservation: exploring how it varies in different geo-political settings." *Thor Heyerdahl Summer School for Environmental Governance, Vol. I.*

Teaching Experience

2024
(Spring)
Global Learning Seminar (LA 329, cross listed as CE377K)
University of Texas
- This course prepares students to address the global challenge of water scarcity through a climate compatible development approach that harnesses solar power to desalinate water in rural and peri-urban communities in Kenya. This course is co-taught as part of the President's Award for Global Leadership Award.

2019-2023
(Fall)
Program Evaluation (PA 397C)
University of Texas, LBJ School of Public Affairs
- This course is designed to teach the elements of program evaluation for public, nonprofit, and social impact initiatives. Topics of logic models, experimental, quasi-experimental, and qualitative evaluation methods are covered.

2023
(Fall)
Engaging the Community (PA 388L)
University of Texas, LBJ School of Public Affairs
2018-2022
(Spring)
- This course is designed to teach the elements of planning, administration and management with a focus on the unique concerns of community engagement and volunteer involvement in the nonprofit and public sector.

2022
(Spring)
Sustainability Governance (PA388L)
University of Texas, LBJ School of Public Affairs
- This course is designed to teach the fundamentals of how public, private, and non-governmental actors approach sustainability. We examine climate impacts and identify gaps and opportunities to improve how society can respond.

2021, 2022 (Fall, Spring)	Collaborative Governance (PA388L) University of Texas, LBJ School of Public Affairs • This course is designed to teach the fundamentals of governance and collaboration. Topics of negotiation, facilitation, collaborative governance regimes and dynamics, power and equity are covered.
2017-2018 (Spring)	Ecology and Society (WFSC 630 / 420) Texas A&M University, Department of Wildlife and Fisheries Science • The foundation for this course is resilience and social-ecological systems to explore a range of issues where ecology and society intersect • Taught as a "stacked" graduate and undergraduate online course
2016 (Spring)	Applied Biodiversity Science II (WFSC 689 / GEOG 689) Texas A&M University, Department of Wildlife and Fisheries Science • This course examines the linkages between varying forms of governance and biodiversity and surveys the interests of diverse stakeholders in conservation programs. • Graduate seminar
2014-2016	Population, Natural Resources, and Environment (SOC 320) Colorado State University, Department of Sociology[1] • This course surveys the intersection of population and demography with natural resource use and environmental sustainability. • This course is taught Summer, Fall, and Spring semesters
2014-2016	Foundations of Social Theory (SOC 301) Colorado State University, Department of Sociology[1] • This course surveys the contributions of foundational and classical social theorists. • This course is taught Summer, Fall, and Spring semesters
2012	Society and Environment (SOC 460) Colorado State University, Department of Sociology • This course surveys the field of environmental sociology, such as the social construction of the environment, political economy, political ecology, environmental justice, theories of risk society, and ecological modernization.
2012, 2011	American Nature Philosophers (AHSS 481) Humboldt State University, Arcata, CA, Extended Education[2] • This course surveys the contours of American nature philosophy from Emerson and Thoreau to Leopold and Wendell Berry.
2012, 2011	Perspectives on Nature (ENVS 400) Humboldt State University, Extended Education[2] • Explores sociological, anthropological, and historical ways we (as individuals, cultures, and societies) perceive and change our natural environments.

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[1] Taught as CSU Online Plus course

[2] Course was taught as part of Sierra Institute California Wilderness program. In 2013, accreditation for Sierra Institute programs move to University of California-Davis.

2012, 2011   Environmental Education and the Wilderness Experience (EDU 480)
Humboldt State University, Extended Education[3]
- This course surveys the eco-psychology and environmental education literature to explore the role of nature in education, community, and individual well-being.

Current Students (#indicates chair, co-chair, primary advisor, or 1st year faculty mentor)

2023 -   Sarah Traore[#], UT-Austin. PhD at LBJ School of Public Affairs

2022 -   Felip Antequera, UT-Austin. PhD at LBJ School of Public Affairs

2022 -   Jacqueline Moss[#], UT-Austin. PhD at LBJ School of Public Affairs

2021 -   Olivia Enriquez[#], UT-Austin. PhD at LBJ School of Public Affairs.

2021-   Sandeep Paul[#], UT-Austin. PhD at LBJ School of Public Affairs.
Dissertation: Climate Policy and Governance in Indian Cities.

2021 -   Matthew Preisser[#], UT-Austin, PhD in Civil Engineering.

Graduated Students (#indicates chair or primary advisor)

Doctoral Students

2023   Clare Zutz, UT-Austin. PhD in Community and Regional Planning.
Dissertation: Collaborative Food Systems Planning in the U.S.: A Case Study of Pittsburgh, San Diego and Phoenix.

2023   Vivek Shansky, UT-Austin. PhD at LBJ School of Public Affairs.
Dissertation: Energy, Gender, and Development: A study of gendered relationships between access to reliable electricity, primary healthcare, and rural livelihoods.

2022   Regina Buono[#], UT-Austin. PhD in Public Affairs.
Dissertation: Policy, Governance, and Legal Aspects of Nature-based Solutions to Climate Change.

2022   Steven Richter, UT-Austin. PhD in Community and Regional Planning.
Dissertation: Modeling land-use change in the metropolitan United States: implications for social-ecological systems.

2022   Khalid Osman, UT-Austin. PhD in Environmental Engineering.
Dissertation: Towards the Operationalization of Equity in Water Infrastructure Services

2022   Euijin Yang, UT-Austin. PhD in Civil Engineering.
Dissertation: Human-Infrastructure Interactions and Population Dynamics: A Systemic Approach to Assess Water Infrastructure Performances during Urban Restructuring

2021   Cynthia Carolina Contreras Morales, University of Melbourne,
PhD in Ecosystem and Forest Science
Dissertation: Emerging sustainability governance paradigms: a case study of blue carbon initiatives in the Indo-Pacific

2021   Maria Elena Giner, UT-Austin,
PhD in Public Policy

Dissertation: Municipal Infrastructure and Public Policy: Program Evaluation of Three Case Studies along the U.S.-Mexico Border.

2021   Sissi O'Reilly, UT-Austin,
            PhD in Education Policy.
            Dissertation: Leadership in School Improvement Networks: Social Network Analysis of Principal Ego-Networks

2020   James Kelly Hoffman, Texas A&M University.
            PhD in Ecosystem Science and Management.
            Dissertation: Social and Regulatory Barriers to Prescribed Fire in the Southern Great Plains.

Masters Students

2023   Carrie Smith#, UT-Austin. M.S. in Community and Regional Planning.
            Thesis: The Cost of Water: A Study of How Socioeconomic Factors Impact Water Bills in Austin, Texas.

2023   Katherine Koslan. UT-Austin. M.S. in Community and Regional Planning
            Thesis: Comparative Analysis of Houston, Texas and New York City, New York's Incorporation of Climate Adaptive Strategies in Long Term Disaster Recovery Plans After Large-Scale Hurricanes.

2023   Whitney Linder#, UT-Austin. M.S. in Community and Regional Planning
            Thesis: Networks and Landscape Conservation in the Texas Hill Country.

2023   Krista Weatherford#, UT-Austin. Dual degree MPaff and M.S. in Community and Regional Planning.
            Thesis: Big Civic Energy: Social Connectedness during the COVID-19 Pandemic in Austin, TX.

2023   Oriana Lopez#, UT-Austin. Dual degree MPaff and M.S. in Community and Regional Planning.
            Thesis: Reconciling with the Montopolis Neighborhood Through Restorative Participatory Planning and Community-Led Agenda Setting.

2022   Kelsey Wingo#, UT-Austin. Joint MS and MPAff at Community and Regional Planning and LBJ School of Public Affairs.
            Thesis: Assessing Power Disruption Distribution, Social Vulnerabilities, and Energy Security in Texas Counties (2016-2020).

2022   Jessica Jones#, UT-Austin. Joint MS and MPAff at Community and Regional Planning and LBJ School of Public Affairs.
            Thesis: When Neighbors Prepare Together: An Analysis of Emergency Preparedness Efforts at the Neighborhood Scale.
            Honorable mention for the LBJ School's Redford Award for best research in 2022.

2019   Chinelo Agbim, UT-Austin.
            Dual MPAff & MS (Public Affairs and Energy Resources).
            Thesis: Residential Electricity Access: Objective versus Subjective Measures of Energy Poverty in Texas.

2018   Samer Atshan#, UT-Austin.
            Dual MPAff & MS (Public Affairs and Energy Resources).
            Thesis: Determinants of Environmental Behavior: The Effect of Social Context.

Awarded LBJ School's Redford Award for best research in 2018.

Undergraduate students

2020   Bethany Goad[#], UT-Austin,
BA in Urban Studies.
Thesis: The Role of Nonprofits in the Austin Urban Environmental Landscape

2019   Elizabeth Griswold[#], UT-Austin.
BS Environmental Science (Capstone advisor).
Thesis: Social and Hydrological Feasibility of Urban Green Infrastructure in Waller Creek.

Conference Papers and Presentations (Bold indicates presenter)

2023   **R. Patrick Bixler,** Jacqueline Moss, Paola Passalacqua, Dev Niyogi. "The search for equitable (re)solutions to climate impacts: Integrating remote sensing and municipal policy data in Austin, Texas". American Geophysical Union (AGU). San Francisco, California, December 2023.

2023   Sandeep Paul, Kayee Zhou, R. Patrick Bixler "Who is My Neighbor? Exploring the Role of Social Capital in Heat Risk Perception in Urban Texas." Association for Public Policy Analysis and Management (APPAM) Fall Research Conference. Atlanta, Georgia, November 9-11.

2023   **R. Patrick Bixler.** "Landscape governance in the Texas Hill Country: Spatial, Organizational, and network change dynamics from 2016 to 2023." International Association for Society and Natural Resources, Portland, Maine. June 2023.

2022   **R. Patrick Bixler,** Allison Hooks, Olivia Enriquez, Philip Romike, Paola Passalacqua, Nayana Muppavarapu, Liv Haselbach. "Drivers of adaptation architecture in coastal flooding communities: Evidence from the gulf coast." Earth System Governance. Toronto, Ontario.

2022   **R. Patrick Bixler.** "Coastal flooding, risk perception, and networks of hazard planning and recovery". *International Network of Social Network Analysis (Sunbelt).* Cairns, Australia. (Presented virtual/hybrid).

2021   **R. Patrick Bixler**. "What do we need to create for our students to be data experts for social good?" Charrette lead at *NASPPA 2021* (virtual).

2021   **R. Patrick Bixler**. "Evaluation of Service-Learning Components in the Classroom" *NASPPA 2021* (virtual).

2021   **R. Patrick Bixler** and Paola Passalacqua. "Integration of flood inundation and socio-demographic vulnerability: a techno-social approach for quantifying household flood risk" *Global Flood Partnership (GFP) 2021* (virtual).

2021   **R. Patrick Bixler,** Cara Cook*, Caroline Fairia, Jonathan Lowell, Ji Ma, Michael Shensky, Jayme Walenta. "Equity matters: Explaining environmental nonprofit collaboration to address climate change through a social network perspective. *ARNOVA: Climate Change and the Voluntary Sector Mini-Symposium.* (virtual)

2021   **R. Patrick Bixler**. "The intersection of equity and climate change action: an ERGM Approach". Networks 2021 (a joint conference A joint INSNA and NetSci Conference). Washington, D.C. (virtual).

2020	**R. Patrick Bixler**. "A framework for measuring endogenous and exogenous capacity for adaptive governance: insights from the Sagebrush." *North American Congress Conservation Biology (NACCB).* Denver, Colorado (virtual).
2020	**R. Patrick Bixler. "**"Unpacking centrality and capacity in inter-organizational networks." *International Network for Social Network Analysis (INSNA).* Paris, France (virtual).
2019	**R. Patrick Bixler. "**Does collaboration lead to better outcomes? Exploring the influence of networks on nonprofit evaluation capacity." *Association for Research on Nonprofit Organizations and Voluntary Action (ARNOVA).* San Diego, California.
2018	**R. Patrick Bixler.** "Advancing research and policy for sustainability: a framework for urban observatories." *International Forum on Urbanism 2018: Reframing Urban Resilience Implementation: Aligning Sustainability and Resilience.* Barcelona, Spain.
2018	**R. Patrick Bixler.** "Data for Nonprofit Sector for Resilience: From Community Indicators to Measuring Systemic Impact." *Association for Research on Nonprofit Organizations and Voluntary Action (ARNOVA).* Austin, Texas. -- "Developing a regional data nonprofit ecosystem in Austin, Texas: from community indicators to measuring impact." *Association for Research on Nonprofit Organizations and Voluntary Action (ARNOVA).* Austin, Texas.
2018	Tom Arsufi, R. Patrick Bixler, Tyson Broad. **"**Tools of engagement in research, education, and engagement: The multiplier effect of boundary spanning, networks, and effective science communication in the land of private property." *Ecological Society of America.* New Orleans, LA.
2018	**R. Patrick Bixler.** "Evaluating large-scale collaborative conservation over time: application of social network analysis in the Northwest Boreal." *North American Congress for Conservation Biology.* Toronto, Ontario, Canada.
2017	**R. Patrick Bixler.** "Quantifying the extent of nonprofit impact: social capital as a critical dimension of nonprofit sector health." *Independent Sector Conference & Association for Research on Nonprofit Organizations and Voluntary Action (ARNOVA).* Selected for "Independent Sector Public Policy Symposium."
2017	**R. Patrick Bixler.** "The Austin Area Sustainability Indicators: From Data to Impact." *Community Indicator Consortium.* Winnipeg, MB, Canada.
2016	**R. Patrick Bixler.** "Social Network Analysis for Evaluation: The Roundtable of the Crown of the Continent." *North American Congress for Conservation Biology.* Madison, WI.
2016	**R. Patrick Bixler.** "Power in Networks: Shaping Water Governance in the Texas Hill Country." *American Association of Geographers.* San Francisco, CA.
2015	**R. Patrick Bixler.** "A Social-ecological Approach to Climate Adaptation." *National Adaptation Forum.* St. Louis, MO.
2015	**R. Patrick Bixler.** "Fire Manager or Market Manager? Administrative Practices for Large Fire Suppression." *International Association of Wildland Fire.* Boise, ID.
2014	**R. Patrick Bixler** (session chair), "From the Specific to the Generalizable: Tools and Techniques for Monitoring and Evaluating Large Landscape Conservation." *National Workshop on Large Landscape Conservation*, Washington, DC.

---. "Making it Count! Adapting Performance Evaluation to Network Governance in Large Landscape Conservation." *National Workshop on Large Landscape Conservation*, DC.

2014   **R. Patrick Bixler**. "Forest Policy Evolution: A 10-year Review of Stewardship Contracting on US Federal Forests." *Society of American Foresters.* Salt Lake City, UT.

2014   **Bixler, R. Patrick.** "Towards Co-Delivery of Climate Adaptation: Transformations in Cross-Scale Adaptive Governance Networks." *Resilience Alliance,* Montpelier, France.

2013   **Bixler, R. Patrick**. "An Integrative Approach to Adaptive Governance: Social Learning in Collaborative Natural Resource Management." *International Symposium of Society and Natural Resources*, Estes Park, CO.

2013   **Bixler, R. Patrick** and Theresa Jedd. "Social Networks and Accountability in Landscape-scale Forest Governance: Roundtable on the Crown of the Continent." *International Symposium of Society and Natural Resources*, Estes Park, CO.

2013   **Bixler, R. Patrick**. "Viewing Environmental Governance Architecture Relationally: Networked Agents and Accountability." *Earth System Governance,* Tokyo, Japan.

2012   Cobb, Ashley and **R. Patrick Bixler**. "Climate Woes and Knowledge Flows: Exploring the Construction, Dissemination, and Governance of Climate Knowledge." *American Sociological Association,* Denver, CO.

2012   **Bixler, R. Patrick**. "The Social Networks of Landscapes: Finding Cross-Scale Linkages in the Northern Rockies." *American Sociological Association,* Denver, CO.

2011   **Bixler, R. Patrick**. " 'From my place to yours': Communities of open innovation as an approach to collaborative watershed partnership transferability." *Ecological Society of America*, Austin, TX.

2011   Cross, Jennifer E., Catherine Keske, and R. Patrick Bixler. "'It's all about context': The Social Dimensions of Perceived Land Use Change in the Intermountain West." *Rural Sociological Society,* Boise, ID.

2010   **Bixler, R. Patrick**. "Is it Always Better from the Bottom Up? Polycentric Socio-Ecological Governance and Community Forestry." *International Symposium of Society and Natural Resources*, Corpus Christi, TX.

2008   **Bixler, R. Patrick**. *"*Contested Places: Rural Social Landscapes Under Transition." *Pacific Sociological Association,* Portland, OR.

Invited Presentations

2020   **R. Patrick Bixler.** "Rising to Resilience Challenges". *A Planet Texas 2050 Showcase Event.* (Presentation)

2020   **R. Patrick Bixler.** "Climate Vulnerability in Austin: A multi-risk assessment." City of Austin Environmental Commission. Austin, Texas.

2019   **R. Patrick Bixler.** "The Sharing Democracy." *South by Southwest (SXSW)*. #WeDC House. Austin, Texas.

2018   **R. Patrick Bixler.** "Measuring the Network of the Texas Water Research Network." *Texas Water Research Network Meeting.* Austin, Texas.

2018   **R. Patrick Bixler.** "Environmental governance in the Anthropocene: theories, methods, strategies." *Sustainable Coral Reef Series.* James Cook University, Townsville, Australia.

2016   **R. Patrick Bixler.** "Hill Country Connectivity: A Network Approach to Working Together." *Hill Country Leadership Summit,* Dripping Springs, Texas

2016   **R. Patrick Bixler.** "Measuring Collaborative Conservation and Network Strength." *National Academies of Science: Performance Measures for Landscape Conservation,* Washington, DC.

2015   **R. Patrick Bixler.** "Hill Country Conservation: A Network Approach." *Hill Country Alliance Leadership Summit,* Fredericksburg, TX.

2015   **R. Patrick Bixler.** "Social Networks and Multi-Scalar Environmental Governance: A Case on the Crown of the Continent." *Ecosystem Science and Management Seminar Series,* Texas A&M University, College Station, TX.

2014   **R. Patrick Bixler.** "Social Network Analysis: A Measure of Social Capital." *4th Annual Roundtable on the Crown of the Continent.* Waterton Lakes National Park, Alberta Canada.

2011   **Bixler, R. Patrick** and Faith Sternleib. "The Role of Boundary Organizations in Collaborative Governance: Examples from Two Watersheds." *Center for Collaborative Conservation Lecture Series,* Fort Collins, CO.

Grants and Fellowships

*Indicates my allocation

2024 *In Review* ($331,212*)	(PI) National Science Foundation – Science of Organizations (PD 11-8031) From upstream to on the ground and weaving the in-between: Networks and organizations addressing multi-hazard climate impacts.
2024-2026 ($191,197*)	(PI) United States Fish and Wildlife Service (Announcement Number FWS-SA-24-006) Bees waggle but do conservation actors SNAggle? Assessing communication, coordination and collaboration of pollinator conservation using Social Network Analysis. Award #:
2022-2024 ($140,000*)	(PI) City of Austin, Office of Sustainability Data and Engagement for Resilience Hubs
2023 *Not Funded* ($399,971)	(PI) National Science Foundation – Disaster Resilience Research Grants (NSF 22-593) People, environment, infrastructure, and floods: A multiplex approach to studying interacting networks towards increased community resilience to flooding
2022-2027 ($17M, $80,700*)	(Co-PI) Department of Energy – Urban Integrated Field Lab Southeast Texas Urban IFL: Equitable solutions for communities caught between floods and air pollution. Award #: DE-SC0023216.
2022-2023 ($136,300, $109,000*)	(PI) Texas Water Development Board Developing a Flood Specific Social Vulnerability Analysis (f-SVI) for the State of Texas
2022-2023 ($249,842, $80,000*)	(PI) National Aeronautics and Space Administration ATX CA3TCH UP: Climate Atlas for Accountability and Advocacy sTrategies through Co-production with Historically Underserved community Partners in Austin, TX

2022-2027 ($7M, 156,000*)	(Senior Personnel) National Science Foundation Community Resilience integrated into an Earth System Science Learning Ecosystem (CRESSLE)
2021-2023 ($76,755*)	(Co-PI) Planet Texas 2050 Flagship: Networks for Hazard Preparedness and Response. Bridging Barriers UT-Austin
2021 (not funded)	(Co-PI) National Aeronautics and Space Administration Assessment of Austin Air POLLution Health Outcomes (A3POLLHO)
2021 $228,095 ($80,705*)	(Co-PI) National Oceanic and Atmospheric Administration Adaptation Sciences: Understanding current and future coastal flood risk: How do local governance networks shape resilience efforts in response to perceived hazards?
2021 $179,280 ($75,173*)	(PI) City of Austin, Watershed Protection Department Behavioral Study for Raincatcher Program
2021 $296,476 ($15,600*)	(Co-PI) National Oceanic and Atmospheric Administration Extreme Heat Risk Initiative: Urban Climate Science for Decision-making & Evaluation of Heat-Health Interventions
2021 $15,000,000 (not funded)	(Co-PI) National Science Foundation (PI: Peter Groffman at CUNY) SRS RN: Social-environmental homogenization, vulnerability, and stress along urban to rural gradients in the continental U.S.
2020 $193,000 ($24,444*)	(PI) Michael and Susan Dell Foundation Driving data-driven decisions with analytics support in the nonprofit sector
2020-2021 $150,000 ($54,018*)	(Co-PI) Planet Texas 2050 Flagship: Networks for Hazard Preparedness and Response. Bridging Barriers UT-Austin
2020 ($71,850*)	(PI) Bill Wood Foundation Driving data-driven decisions with analytics support in the nonprofit sector
2020 $25,000	(Senior Personnel) National Science Foundation Conference support grant for the Fifth Symposium of Urbanization and Stream Ecology (SUSE5)
2020 $13,000,000 (not funded)	(Senior Personnel) National Science Foundation LTER: Baltimore Ecosystem Study (BES): Multi-scale Dynamics of a Redeveloping, Post-Industrial Ecosystem in Response to Long-Term Socio-Environmental Change
2019 $1,409,305 ($13,295*)	(Senior Personnel) National Science Foundation Smart and Connected Communities (SCC-IRG Track 2): Integrating Information Flows and Supporting Communities as Decision-Makers in Response to Acute and Chronic Stressors
2019 (not funded)	(Senior Personnel) National Science Foundation Science and Technology Centers: Integrative Partnerships Center for Rising seas from Ice Sheets and Effects on coastlines (C-RISE)

2019 (not funded)	(Senior Personnel) National Science Foundation Resource Implementations for Data Intensive Research in the Social, Behavioral and Economic Sciences (RIDIR) Infrastructure for Modeling Latent Drivers of Critical City-level Outcomes at High Resolution and Scale Using Passive Data
2019 $60,000	(Senior Personnel) National Science Foundation Concepts for Advancing Sustainable Urban Systems Research Networks Challenges to and Opportunities for Developing Resilience in Rapidly Growing Urban Corridors in Semi-Arid Regions
2019-2020 $65,307 (*$33,000)	(Co-PI) Planet Texas 2050: Towards an Equitable Knowledge-Action Network: Assessment of Texas E-NGOs, Bridging Barriers UT-Austin
2019 $58,000	(Co-PI) St. David's Foundation (SDF) Understanding the Nonprofit Health Sector in Austin Using Social Network Analysis
2019-2020 $60,000	(PI) St. David's Foundation (SDF) Leveraging Data Analytics Talent for Nonprofit Effectiveness through the CONNECT program
2019-2020 $250,760	(PI) Michael and Susan Dell Foundation (MSDF) Leveraging Data Analytics Talent for Nonprofit Effectiveness through the CONNECT program
2019-2020 $20,000*	(PI) City of Austin Sustainability Indicators for Informing Metropolitan Policy
2018-2019 $200,000	(Co-PI) Planet Texas 2050: Texas Metropolitan Observatory, Bridging Barriers UT-Austin Database and data platform for Texas metropolitan decision-making
2018-2019 $85,045*	(PI) Western Association of Fish and Wildlife Agencies (WAFWA) An empirical assessment of stakeholders and networks to inform multi-scale governance and implementation of the Sagebrush Conservation Strategy
2018-2019 $15,000*	(PI) Policy Research Institute, University of Texas Public policy data hub proposal development
2018 $12,000*	(PI) Lincoln Institute of Land Policy Assessing Green-Blue-Grey Infrastructure as a Transferable Urban Policy
2017-2018 $17,000*	(PI) Environmental Science Institute, University of Texas Social Network Analysis for Measuring Interdisciplinarity in the Texas Water Research Network
2017-2018 $10,000*	(PI) Austin Co-Lab Assessing Collaboration Potential in Austin's Social Sector
2017-2018 $110,000*	(PI) St. David's Foundation Measuring Social Connectedness through the Austin Area Sustainability Indicators Project
2017-2018 $100,000*	(PI) Austin Community Foundation From Data to Action: A Community Indicator System for Regional Sustainability
2016-2018 $359,248	(Co-PI) Bureau of Land Management, Joint Fire Science Program Social and Regulatory Barriers to Prescribed Fire in Texas and Oklahoma

2015-2017 $77,000	(PI) US Department of Interior, Northwest Boreal Forest Landscape Conservation Cooperative Social Network Analysis and Network Governance Performance Goals for the Northwest Boreal
2016 $78,500	(PI) US Forest Service, Washington Office Partnerships Strategic Partner Assessment
2015 $38,000	(PI) Cynthia and George Mitchell Foundation Central Texas Land and Water Conservation Network Research and Strategy
2014 $36,000	(PI) US Forest Service Pacific Northwest Research Station NEPA Innovation Line Officer Training Facilitation
2014 $24,000	(PI) US Forest Service Pacific Northwest Research Station Collaborative Forest Landscape Restoration Evaluation Project
2014 $1500	Embassy of France in the United States, Science and Technology Climate science exchange grant
2014 $1000	Resilience Alliance/CIRAD Conference participation grant
2013 $3000	US Forest Service Rocky Mountain Research Station Dissertation research grant
2013 $1500	National Socio-Environmental Synthesis Center (SESYNC) Workshop participation grant
2013 $3000	Asia-Pacific Network for Global Environmental Change Research Conference participation grant
2013 $2000	Center for Collaborative Conservation Dissertation research grant
2011 $5000	Norwegian Life Sciences University Thor Heyerdahl Summer School Scholarship for tuition, travel, room, board
2011 $5000	Center for Collaborative Conservation Dissertation research grant
2010 $200	International Symposium for Society and Natural Resources Conference participation grant
2010 $500	NSF Long-term Ecological Research Network Workshop participation grant

Peer Review Activities

2021-	Reviewer for *Science*
2020-	Reviewer for European Research Council Synergy Grant
2020-	Reviewer for *Nature Sustainability*
2019-	Reviewer for *Sustainability Science*
2019-	Reviewer for Oxford Research Encyclopedia of Politics
2016-	Associate Editor at *Frontiers in Ecology and Environment*

2016-	Reviewer for *Ecology and Society*
2016-	Reviewer for *Elementa: Science of the Anthropocene*
2016-	Reviewer for *Policy Studies Journal*
2016-	Reviewer for *Policy Sciences*
2015-	Reviewer for *Environmental Management*
2015-	Reviewer for National Science Foundation Geography and Spatial Science program
2015-	Reviewer for the *Journal of the Arid Environment*
2014-	Reviewer for *Local Environment*
2014-	Reviewer for *Journal of Environmental Planning and Management*
2014-	Reviewer for *Conservation Letters*
2013-	Reviewer for *Society and Natural Resources*
2013-	Reviewer for *Journal of Sustainable Development*
2013-	Reviewer for *Journal of Rural Studies*
2013-	Reviewer for *Wildlife Biology*

Additional Professional Experience

2021	National Center for Faculty Development and Diversity Fellow UT-Austin Nominated
2020- current	Global Council for Science and the Environment UT-Austin council representative (one of two)
2020- current	CSRD Faculty Fellow Center for Study of Race and Democracy LBJ School, University of Texas
2020- current	ISTPP Fellow Institute for Science, Technology, and Public Policy Bush School, Texas A&M University
2017-2020	Board Member Social Science Working Group, Society for Conservation Biology
2014- current	Senior Fellow Pinchot Institute for Conservation
2014- current	Coordinating Committee Member, Working Group Chair Network for Landscape Conservation, Cambridge, MA
2013-2014	Visiting Researcher Faculty Affiliate University of Montana, Department of Sociology, Missoula, MT
2012- current	Earth System Governance Research Fellow Earth System Governance Project, Lund, Sweden

Technical Expertise

Social Network Analysis	Quantitative Data Analysis	Qualitative Data Analysis

- R Studio
- Gephi
- UCINET

- R Studio
- SPSS
- Stata

- NVIVO

Professional Affiliations

2020 -	American Society for Public Administration
2018 -	International Forum on Urbanism
2018 -	Public Administration Theory Network
2017 -	Association for Research on Nonprofit Organizations and Voluntary Action
2014 -	Association of American Geographers
2013 -	Resilience Alliance
2012 -	American Sociological Association
2011 -	Ecological Society of America
2010 -	International Society for Conservation Biology
2010 -	International Association for Society and Natural Resources

Interdisciplinary Working Groups

2016-   Texas Water Research Network, Facilitation Team
A NSF supported effort to engage and coordinate water research across the state of Texas.
Hosted by Environmental Science Institute at The University of Texas.

2014- 2017   Forest Climate Working Group
Consensus multi-stakeholder dialogue for policy platform on forest-climate legislation
American Forest Foundation, Washington DC
Hosted by American Forest Foundation and Trust for Public Land

2013-2016   Large-scale Natural Resources Conservation and Restoration - Issues of Governance
Research and practice for network governance and large landscape conservation
National Socio-Environmental Synthesis Center, Annapolis, MD
Hosted by Lynn Scarlett and Matthew McKinney

2011-2015   Conservation Development Working Group
Consequences of residential development on biodiversity and communities
Colorado State University, School for Global Environmental Sustainability

2010-2013   Environmental Governance Working Group
Boundaries and governance and intermountain west initiative
Colorado State University, School for Global Environmental Sustainability

2010   Long-term Ecological Research Social Science Working Group
National Science Foundation, Harvard Experimental Forest
Integrating social and ecological science
Hosted by Morgan Grove, Laura Ogden, and Ted Gragson

Awards and Media Mentions

2020   Community Impact Award given to Austin Area Sustainability Indicators. Community Indicator
Consortium.

2020 (Feb.)	Climate vulnerability in Austin research presented at the City of Austin Environmental Commission and highlighted in an Austin Monitor news coverage.
2018 (Nov.)	Civic engagement post-midterm elections. Guest on "Good Morning Austin" to discuss social capital and how residents can remain civically engaged in between elections.
2016 (April)	Network governance research and personal interview in Science Daily, April 6th, 2016. Available at: https://www.sciencedaily.com/releases/2016/04/160406181548.htm
2015 (Fall)	Advisory Board member for Hill Country Design Studio, Department of Architecture, University of Texas. Led by Robert Yaro.
2015 (Sept.)	Research report and personal interview highlighted in *The Forestry Source* (monthly newsletter for the Society of American Foresters).
2015-2016 (January)	*Society and Natural Resources* research highlight. Top 10 downloaded articles for 2014, 2015, 2016, 2017, 2018
2014 (April)	Conservation development research highlighted in phys.org website, April 1st 2015. Available at: http://phys.org/news/2015-04-current-residential-poor-foundation-sustainable.html.