

September 8th, 2025

R. PATRICK BIXLER

LBJ School of Public Affairs
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Google Scholar Profile (h-index: 24, cited by 2,642)

EDUCATION

- Ph.D., Sociology, Colorado State University, Fort Collins, CO 2014
Dissertation Title: *Is There an Heir Apparent to the Crown? A More Informed Understanding of Connectivity and Networked Environmental Governance in the Crown of the Continent*. Advisor: Pete Taylor
- M.A., Sociology, University of Montana, Missoula, MT 2008
Dissertation Title: *Sustaining Forests, Sustaining Place: Changing Socio-natures in Revelstoke, British Columbia*. Advisor: Lyn Macgregor
- B.B.A., Finance, Texas Tech University, Lubbock, TX 2003

PROFESSIONAL APPOINTMENTS

- Associate Professor, LBJ School of Public Affairs, The University of Texas 2026 - present
- Faculty Affiliate (and GSC member), Earth and Energy Resources, Jackson School of Geosciences 2024 - present
 - Faculty Affiliate (and GSC member), Community and Regional Planning, School of Architecture 2020 - present
 - Faculty Affiliate, RGK Center for Philanthropy and Community Service 2020 - present
- Assistant Professor, LBJ School of Public Affairs, The University of Texas 2020 - 2026
- Assistant Professor of Practice, LBJ School of Public Affairs, The University of Texas 2018-2020
- Research Fellow and Lecturer, LBJ School of Public Affairs, The University of Texas 2016-2018
- Research Scientist and Lecturer, Natural Resources Institute, Texas A&M University 2015-2016
- Faculty Affiliate, Department of Wildlife and Fisheries Sciences 2015-2016
- Research Faculty Associate, Institute for a Sustainable Environment, University of Oregon 2014-2015
- Faculty Affiliate, Environmental Studies Program 2014-2015
- Post-doctoral Fellow, Pinchot Institute for Conservation (Washington, DC) 2013-2014
Advisor: Alaric Sample

PUBLICATIONS

* Indicates published with graduate student

Books

- 1 Sample, V. A., **Bixler, R. P.**, & Miller, C. (Eds.). (2016). Forest Conservation in the Anthropocene: Science, Policy, and Practice (1 edition). University Press of Colorado.

Peer-Reviewed Journal Articles (including Accepted and In Press)

- 50 Litvak, E., Groffman, P. M., Vorosmarty, C., Stoler, J., **Bixler, R.P.**, Albrecht, K. *In Press*. “Advancing Urban Water Science to Address a Paradigm Shift in Water Management in US Cities.” *Environmental Research: Water*.
- 49 *Land, S., *Baxter, J., Mickel, A., **Bixler, R. P.**, Carr, W., Johnson, S., Marchetta, J., & Robertson, T. 2025. Relating Collaborative Capacity with Social-Ecological Outcomes – Bridging Academic and Practitioner Perspectives to Advance Collaborative Landscape Stewardship in the United States. *Society and Natural Resources*. 10.1080/08941920.2025.2553351
- 48 Azizi, K., *Wang, Y., *Enriquez, O., Passalacqua, P., Niyogi, D., **Bixler, R.P.** (2025). Integrating Perspectives: Multi-Sectoral Insights into Gulf Coast Flood Governance. *International Journal of Disaster Risk Reduction* 127 (September):105662. <https://doi.org/10.1016/j.ijdr.2025.105662>
- 47 *Paul, S., *Zhou, K., & **Bixler, R. P.** (2025). Assessing extreme heat risk perception: Awareness, worry, preparedness and social capital in Texas. *Environmental Science & Policy*, 169, 104072. <https://doi.org/10.1016/j.envsci.2025.104072>
- 46 **Bixler, R. P.**, Essen, M., Thomsen, J., Johnson, S., *Atshan, S., & *Shariatmadari, A. (2025). Social Influence in Social-Ecological Systems: Collaborative Capacity and Inter-Organizational Networks in the U.S. Sagebrush. *Environmental Management*, 75(2), 272–285. <https://doi.org/10.1007/s00267-024-02026-9>
- 45 Hwang, H., Anderson, K.F., Vedlitz, A., & **Bixler, R. P.** (2024). “Unveiling Health Inequities: Exploring the Role of Social Capital and Public Trust in Bridging Racial Disparities in Health-Care Coverage for Hispanics.” *Social Science Quarterly*. <https://doi.org/10.1111/ssqu.13452>.
- 44 Ma, J. W., Leite, F., Lieberknecht, K., Stephens, K. K., & **Bixler, R. P.** (2024). Using Q-methodology to discover disaster resilience perspectives from local residents. *International Journal of Disaster Risk Reduction*, 104, 104353. <https://doi.org/10.1016/j.ijdr.2024.104353>
- 43 *Ovalle, J., **Bixler, R. P.**, & Ma, J. (2024). How Do Nonprofits’ Organizational Characteristics Shape Environmental Philanthropy in Texas? A Network Science Approach. *Nonprofit Policy Forum*, 15(4), 371–387. <https://doi.org/10.1515/npf-2023-0018>
- 42 Hwang, H., **Bixler, R. P.**, Brown, W. A., & Vedlitz, A. (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>

- 41 *Kamath, H. G., Martilli, A., Singh, M., *Brooks, T., Lanza, K., **Bixler, R. P.**, Coudert, M., Yang, Z.-L., & Niyogi, D. (2023). Human heat health index (H3I) for holistic assessment of heat hazard and mitigation strategies beyond urban heat islands. *Urban Climate*, 52, 101675. <https://doi.org/10.1016/j.uclim.2023.101675>
- 40 *Preisser, M., Passalacqua, P., **Bixler, R. P.**, & Boyles, S. (2023). A network-based analysis of critical resource accessibility during floods. *Frontiers in Water*, 5. <https://doi.org/10.3389/frwa.2023.1278205>
- 39 Lanza, K., *Jones, J., Acuña, F., Coudert, M., **Bixler, R. P.**, *Kamath, H., & Niyogi, D. (2023). Heat vulnerability of Latino and Black residents in a low-income community and their recommended adaptation strategies: A qualitative study. *Urban Climate*, 51, 101656. <https://doi.org/10.1016/j.uclim.2023.101656>
- 38 Zoll, D., Lieberknecht, K., **Bixler, R. P.**, Belaire, J. A., & Jha, S. (2023). Integrating equity, climate risks, and population growth for targeting conservation planning. *Environmental Science & Policy*, 147, 267–278. <https://doi.org/10.1016/j.envsci.2023.06.015>
- 37 Hwang, H., Vedlitz, A., & **Bixler, R. P.** (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>
- 36 Zoll, D., **Bixler, R. P.**, Lieberknecht, K., Belaire, J. A., *Shariatmadari, A., & Jha, S. (2023). Intersectional climate perceptions: Understanding the impacts of race and gender on climate experiences, future concerns, and planning efforts. *Urban Climate*, 101576. <https://doi.org/10.1016/j.uclim.2023.101576>
- 35 **Bixler, R. P.**, Epanchin-Niell, R. S., Brunson, M. W., *Tarver, R. D., Sikes, B. A., McClure, M., & Aslan, C. E. (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). <https://doi.org/10.5751/ES-13834-280134>
- 34 **Bixler, R. P.**, Coudert, M., *Richter, S. M., *Jones, J. M., Llanes Pulido, C., Akhavan, N., Bartos, M., Passalacqua, P., & Niyogi, D. (2022). Reflexive co-production for urban resilience: Guiding framework and experiences from Austin, Texas. *Frontiers in Sustainable Cities*, 4. <https://doi.org/10.3389/frsc.2022.1015630>
- 33 Belaire, J. A., Higgins, C., Zoll, D., Lieberknecht, K., **Bixler, R. P.**, Neff, J. L., Keitt, T. H., & Jha, S. (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. <https://doi.org/10.1016/j.scitotenv.2022.157801>
- 32 *Richter, S. M., & **Bixler, R. P.** (2022). Complexifying urban expansion: An exploratory, gradient-based approach. *Buildings and Cities*, 3(1), pp. 792–807. DOI: <https://doi.org/10.5334/bc.226>
- 31 *Preisser, M., Passalacqua, P., **Bixler, R. P.**, & Hofmann, J. (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(15), 3941–3964. <https://doi.org/10.5194/hess-26-3941-2022>
- 30 **Bixler, R. P.**, Belaire, J. A., Faust, K. M., Scoggins, M., & González, A. (2022). Exploring the connection between transdisciplinary co-production and urban sustainability

- solutions: A case study at an urban stream management symposium. *Urban Ecosystems*, 25(4), 1207–1216. <https://doi.org/10.1007/s11252-022-01226-7>
- 29 **Bixler, R. P.**, *Yang, E., *Richter, S. M., & Coudert, M. (2021). Boundary crossing for urban community resilience: A social vulnerability and multi-hazard approach in Austin, Texas, USA. *International Journal of Disaster Risk Reduction*, 66, 102613. <https://doi.org/10.1016/j.ijdrr.2021.102613>
- 28 *Hoffman, K., Kyle, G. T., Treadwell, M. L., **Bixler, R. P.**, & Kreuter, U. P. (2021). A Process-Oriented Model of Decision-Making toward Landscape-Scale Prescribed Fire Implementation in the Southern Great Plains, USA. *Environmental Management*, 68(6), 802–813. <https://doi.org/10.1007/s00267-021-01538-y>
- 27 **Bixler, R. P.**, *Paul, S., *Jones, J., *Preisser, M., & Passalacqua, P. (2021). Unpacking Adaptive Capacity to Flooding in Urban Environments: Social Capital, Social Vulnerability, and Risk Perception. *Frontiers in Water*, 3, 101. <https://doi.org/10.3389/frwa.2021.728730>
- 26 *Hoffman, J. K., **Bixler, R. P.**, Treadwell, M. L., *Coleman, L. G., McDaniel, T. W., & Kreuter, U. P. (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 & Natural Resources*, 34(5), 621–638. <https://doi.org/10.1080/08941920.2020.1864534>
- 25 **Bixler, R. P.** (2020). Fertile Soil for Organic Public Sociology: Community-Based Natural Resource Management. *The American Sociologist*, 51(4), 558–565. <https://doi.org/10.1007/s12108-020-09471-z>
- 24 *Atshan, S., **Bixler, R. P.**, Rai, V., & Springer, D. W. (2020). Pathways to urban sustainability through individual behaviors: The role of social capital. *Environmental Science & Policy*, 112, 330–339. <https://doi.org/10.1016/j.envsci.2020.07.005>
- 23 **Bixler, R. P.**, Lieberknecht, K., *Atshan, S., *Zutz, C. P., *Richter, S. M., & Belaire, J. A. (2020). Reframing urban governance for resilience implementation: The role of network closure and other insights from a network approach. *Cities*, 103, 102726. <https://doi.org/10.1016/j.cities.2020.102726>

Publications **above**: in rank as Assistant Professor (tenure track) at the LBJ School of Public Affairs

Publications **below**: Assistant Professor of Practice at the LBJ School of Public Affairs

- 22 Mansourian, S., Parrotta, J., Balaji, P., Bellwood-Howard, I., Bhasme, S., **Bixler, R. P.**, Boedhihartono, A. K., Carmenta, R., Jedd, T., de Jong, W., Lake, F. K., Latawiec, A., Lippe, M., Rai, N. D., Sayer, J., Van Dexter, K., Vira, B., Visseren-Hamakers, I., Wyborn, C., & Yang, A. (2020). Putting the pieces together: Integration for forest landscape restoration implementation. *Land Degradation & Development*, 31(4), 419–429. <https://doi.org/10.1002/ldr.3448>
- 21 **Bixler, R. P.**, *Atshan, S., Banner, J. L., Tremaine, D., & Mace, R. E. (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. <https://doi.org/10.1016/j.cosust.2019.08.001>
- 20 **Bixler, R. P.**, Lieberknecht, K., Leite, F., Felkner, J., Oden, M., *Richter, S. M., *Atshan, S., Zilveti, A., & Thomas, R. (2019). An Observatory Framework for Metropolitan

- Change: Understanding Urban Social–Ecological–Technical Systems in Texas and Beyond. *Sustainability*, 11(13), 3611. <https://doi.org/10.3390/su11133611>
- 19 **Bixler, R. P.**, & Springer, D. W. (2018). Nonprofit Social Capital as an Indicator of a Healthy Nonprofit Sector. *Nonprofit Policy Forum*; Berlin, 9(3).
<http://dx.doi.org/10.1515/npf-2018-0017>
 - 18 Abrams, J., Huber-Stearns, H., *Palmerin, M. L., Bone, C., Nelson, M. F., **Bixler, R. P.**, & Moseley, C. (2018). Does policy respond to environmental change events? An analysis of Mountain Pine Beetle outbreaks in the Western United States. *Environmental Science & Policy*, 90, 102–109.
<https://doi.org/10.1016/j.envsci.2018.09.019>
 - 17 Nielsen-Pincus, M., *Evers, C., Moseley, C., Huber-Stearns, H., & **Bixler, R. P.** (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. <https://doi.org/10.1093/forsci/fxy011>
 - 16 Bixler, R. P., Zappone, M., *Li, L. R., & *Atshan, S. (2018). Unpacking the Role of Data in Philanthropy: Prospects for an Integrated Framework. *The Foundation Review*, 10(2). <https://doi.org/10.9707/1944-5660.1415>
- Publications **below**: Research Fellow at the LBJ School of Public Affairs
- 15 Keske, C. M. H., **Bixler, R. P.**, Bastian, C. T., & Cross, J. E. (2017). Are Population and Land Use Changes Perceived as Threats to Sense of Place in the New West? A Multilevel Modeling Approach. *Rural Sociology*, 82(2), 263–290.
<https://doi.org/10.1111/ruso.12121>
 - 14 **Bixler, R. P.** (2017). The “World System” of the Paris Agreement: Exploring the Construction, Dissemination, and Implementation of Climate Knowledge through REDD+. *Social Thought & Research*, 34, 33–58.
 - 13 Romolini, M., **Bixler, R. P.**, & Grove, J. M. (2016). A Social-Ecological Framework for Urban Stewardship Network Research to Promote Sustainable and Resilient Cities. *Sustainability*, 8(9), 956. <https://doi.org/10.3390/su8090956>
- Publications **below**: Prior to joining University of Texas
- 13 **Bixler, R. P.**, Johnson, S., Emerson, K., Nabatchi, T., Reuling, M., Curtin, C., Romolini, M., & Grove, J. M. (2016). Networks and landscapes: A framework for setting goals and evaluating performance at the large landscape scale. *Frontiers in Ecology and the Environment*, 14(3), 145–153. <https://doi.org/10.1002/fee.1250>
 - 12 **Bixler, R. P.**, Wald, D. M., Ogden, L. A., Leong, K. M., Johnston, E. W., & Romolini, M. (2016). Network governance for large-scale natural resource conservation and the challenge of capture. *Frontiers in Ecology and the Environment*, 14(3), 165–171. <https://doi.org/10.1002/fee.1252>
 - 11 Bone, C., Moseley, C., Vinyeta, K., & **Bixler, R. P.** (2016). Employing resilience in the United States Forest Service. *Land Use Policy*, 52, 430–438.
<https://doi.org/10.1016/j.landusepol.2016.01.003>
 - 10 **Bixler, R. P.**, Dell’Angelo, J., Mfuno, O., & Roba, H. (2015). The political ecology of participatory conservation: Institutions and discourse. *Journal of Political Ecology*, 22(1), Article 1. <https://doi.org/10.2458/v22i1.21083>
 - 9 Sample, V. A., **Bixler, R. P.**, McDonough, M. H., Bullard, S. H., & Snieckus, M. M. (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. <https://doi.org/10.5849/jof.14-122>

- 8 Jedd, T., & **Bixler, R. P.** (2015). Accountability in Networked Governance: Learning from a case of landscape-scale forest conservation. *Environmental Policy and Governance*, 25(3), 172–187. <https://doi.org/10.1002/eet.1670>
- 7 Pejchar, L., Reed, S. E., **Bixler, R. P.**, Ex, L., & Mockrin, M. H. (2015). Consequences of residential development for biodiversity and human well-being. *Frontiers in Ecology and the Environment*, 13(3), 146–153. <https://doi.org/10.1890/140227>
- 6 Mattor, K., Betsill, M., Huayhuaca, C., Huber-Stearns, H., Jedd, T., Sternlieb, F., **Bixler, R.P.**, Luizza, M., & Cheng, A. S. (2014). Transdisciplinary research on environmental governance: A view from the inside. *Environmental Science & Policy*, 42, 90–100. <https://doi.org/10.1016/j.envsci.2014.06.002>
- 5 **Bixler, R. P.** (2014). From Community Forest Management to Polycentric Governance: Assessing Evidence from the Bottom Up. *Society & Natural Resources*, 27(2), 155–169. <https://doi.org/10.1080/08941920.2013.840021>
- 4 **Bixler, R. P.** (2013). The political ecology of local environmental narratives: Power, knowledge, and mountain caribou conservation. *Journal of Political Ecology*, 20(1), 273–285.
- 3 Sternlieb, F., **Bixler, R. P.**, Huber-Stearns, H., & Huayhuaca, C. (2013). A question of fit: Reflections on boundaries, organizations and social–ecological systems. *Journal of Environmental Management*, 130, 117–125. <https://doi.org/10.1016/j.jenvman.2013.08.053>
- 2 Wyborn, C., & **Bixler, R. P.** (2013). Collaboration and nested environmental governance: Scale dependency, scale framing, and cross-scale interactions in collaborative conservation. *Journal of Environmental Management*, 123, 58–67. <https://doi.org/10.1016/j.jenvman.2013.03.014>
- 1 **Bixler, R. P.**, & Taylor, P. (2012). Toward a Community of Innovation in Community-Based Natural Resource Management: Insights from Open Source Software. *Human Organization*, 71(3), 234–243. <https://doi.org/10.17730/humo.71.3.200w0j1266306t79>

Articles in peer-reviewed journals that are not peer-reviewed

- 1 **Bixler, R. P.**, McKinney, M., & Scarlett, L. (2016). Forging new models of natural resource governance. *Frontiers in Ecology and the Environment*, 14(3), 115–115. <https://doi.org/10.1002/fee.1255>

Book Chapters (^designates peer-reviewed)

- 6 ^**Bixler, R. P.**, *Paul, S., *Bhakta, D., *Farchy, T., *Olson, J., *Preisser, M., & Passalacqua, P. (2023). Adaptive Governance for Disaster Risk Reduction. In S. Juhola (Ed.), *Handbook on Adaptive Governance* (pp. 233–251). Edward Elgar Publishing. <https://www.elgaronline.com/display/book/9781800888241/book-part-9781800888241-26.xml>
- 5 ^**Bixler, R. P.**, & *Jones, J. (2022). Indicators for Community Resilience: Social Vulnerability, Adaptive Capacity, and Multi-Hazard Exposure in Austin, Texas. In F. Ridzi, C. Stevens, & L. Wray (Eds.), *Community Quality-of-Life Indicators: Best Cases IX* (pp. 11–25). Springer International Publishing. https://doi.org/10.1007/978-3-031-06940-6_2

- Bixler, R. P.** (2021). The Knowledge Network: Identifying Actors and Structural Dimensions of Knowledge Transfer. In C. C. Ferreira & C. F. C. Klütsch (Eds.), Closing the Knowledge-Implementation Gap in Conservation Science: Interdisciplinary Evidence Transfer Across Sectors and Spatiotemporal Scales (pp. 143–169). Springer International Publishing. https://doi.org/10.1007/978-3-030-81085-6_6
- Beard, B., **Bixler, R. P.**, Darden, T., Huffaker, B., Madison, M., & Van Ness, J. G. (2020). Managing Federal Lands for Wildlife. In N. J. Silvy (Ed.), *The Wildlife Techniques Manual* (8th ed., Chapter 41). Johns Hopkins University Press, Baltimore, Maryland.
- [^]**Bixler, R. P.**, Jedd, T., & Wyborn, C. (2018). Polycentric governance and forest landscape restoration: Considering local needs, knowledge types and democratic principles. In *Forest Landscape Restoration* (pp. 176–197). Routledge. <https://doi.org/10.4324/9781315111872>
- Cleaves, D. & **Bixler, R.P.** (2016). Evolving Institutional and Policy Frameworks to Support Adaptation Strategies. In Sample, V. A., R. P. Bixler, C. Miller (eds.). *Forest Conservation and Management in the Anthropocene: Adaptation of Science, Policy, and Practices* (pp. 223–234). University of Colorado Press.

Encyclopedia Articles

- Bixler, R. P.**, Reuling, M., Johnson, S., Higgins, S., Williams, S., & Tabor, G. (2018). The Crown of the Continent: A Case Study of Collaborative Climate Adaptation. In D. A. Dellasala & M. I. Goldstein (Eds.), *Encyclopedia of the Anthropocene* (pp. 307–315). Elsevier. <https://doi.org/10.1016/B978-0-12-809665-9.09765-2>

Book Reviews

- Bixler, R. P.** (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. <https://doi.org/10.1111/puar.12188>

Works Under Review

- Azizi, K, Garcia, M., Niyogi, D., **Bixler, R.P.** (Submitted). “Coupled Human–Infrastructure Systems: Socio-Behavioral and Spatial Dynamics in Green Stormwater Infrastructure Adoption.” *Nature Cities*, 25 pgs.
- Feldmeyer, D., **Bixler, R.P.**, Tate, E., Hoover, S., Traore, S. and Passalacqua, P. Submitted. “Customization of a Social Flood Vulnerability Index for Texas: Integrating Policy Needs Through Collaborative Development and Global Sensitivity Analysis.” *Environmental and Sustainability Indicators*, 25.
- Rosenheim, N., Mezei, L., Preisser, M., **Bixler, R.P.**, Brelsford, C., Passalacqua, P., Meyer, M. Submitted. “Where Social Vulnerability Indices Fail: Navigating the Decision Cascade.” *Natural Hazards*.

Works in Preparation

- Bixler, R.P.,** King, D., Kumar, M., Kauti, M. (In Preparation). Devolution and Decentralization in Water Service Delivery. *Nature Water*.
- Bixler, R.P.,** Tate, E., Farchy, T., Miniard, D., Passalacqua, P. Traore, S., Feldmeyer, D., Hoover, S., Zoun, R. (In Preparation). “From coastal surge to Hill Country flash: A mixed-methods framework for selecting and weighting hazard specific social vulnerability indicators”. *Wires: Water*.
- Kang, K. E., Vedlitz, A., & **Bixler, R. P.** (In Preparation). The Role of Perceived Community Economic Well-Being, Government, and Public Participation in the Development of Locally Centered Social Capital. *Journal of Public Policy*, 31 pgs.

Sponsored Research Funding -- Candidate PI/ co-PI/ co-I

Current

Sponsor: City of Austin; Account: 26-8279-84
Project Title: UT-City Climate CoLab 2025-2026
Funding period: 01/2025-12/2026.
Principal Investigator: Dev Niyogi
Role and contribution of candidate: [Co-PI] Lead social and policy science work of the Co-Lab; lead a project on futures scenario planning
Co-PI/Co-Is: Keitt, T. (CNS, UT Austin), Castellanos, S. (CAEE, UT Austin)
Candidate funding: \$34,500
Total funding: \$350,000

Sponsor: National Science Foundation (NSF); Account:
Project Title: Texas WEATHER: Knowledge to action at the Science-Policy-Practice Interface for Earth system hazards and risk mitigation.
Funding period: 09/2024-08/2026.
Principal Investigator: JR DeShazo, LBJ School of Public Affairs, UT-Austin
Role and contribution of candidate: [Co-PI] Support the Extreme Weather Adaptation Lab in conceptualizing research design.
Co-PI/Co-Is: Niyogi, D., Jackson School of Geoscience, UT Austin and Lieberknecht, K., School of Architecture, UT Austin.
Candidate funding: \$28,000
Total funding: \$192,970

Sponsor: National Aeronautics and Space Administration (NASA), Account:
Project Title: Austin CARES- Climate Adaptation and REsilient communities
Funding period: 10/2024-09/2027
Principal Investigator: Niyogi, D., Jackson School of Geoscience, UT Austin
Role and contribution of candidate: Co-PI; I lead all social science research related to social vulnerability, scenario building, and community engagement
Co-PI/Co-Is: Bertram, B (TreeFolks); Castellanos, S. (CAEE, UT Austin); Conner, M. (Creative Policy); Coudert, M. (City of Austin Office of Sustainability); Dallman, A. (Jackson School, UT-Austin); Greer, M. (Community Coalition for Health); Jiao, J. (Community and Regional Planning Program, UT Austin); Olonilua, O. (Texas

Southern University); Passalacqua, P (CAEE, UT Austin); Zhai, W. (UT San Antonio); Yang, Z-L (Jackson School, UT-Austin)

Candidate funding: \$90,609

Total funding: \$976,141

Sponsor: National Institute of Standards and Technology (NIST), U.S. Department of Commerce; Account: 26-2452-19

Project Title: UT City Climate Collaborative for Community-scale Extreme Weather and Environmental Data for Science Informed Decision-making

Funding period: 09/2024-06/2027

Principal Investigator: Niyogi, D., Jackson School of Geoscience, UT Austin

Role and contribution of candidate: [Co-I] Lead the social and governance research related to the project, including designing and implementing the governance network survey and social vulnerability community assessments.

Co-PI/Co-Is: Baumer, Z. (City of Austin Office of Sustainability); Bixler, R.P.; Coudert, M. (City of Austin Office of Sustainability); Dallman, A. (Jackson School, UT-Austin); Jiao, J. (Community and Regional Planning Program, UT Austin); Leclercq, A. (Climate Co-Lab/Jackson School, UT-Austin); Lowell, J. (Planet Texas 2050); Passalacqua, P (CAEE, UT Austin); Schmalbach, H. (Planet Texas 2050); Yang, Z-L (Jackson School, UT-Austin)

Candidate funding: \$78,000

Total funding: \$1,445,000

Sponsor: Michael & Susan Dell Foundation; Account: 26-7539-72

Project Title: Transition and Sustainability Support for CONNECT

Funding period: 06/2024 – 07/2026

Principal Investigator: Bixler, R.P.

Role and contribution of candidate: [PI] Strategy and supervision of CONNECT program

Co-PI/Co-Is: N/A

Candidate funding: \$30,000

Total funding: \$30,000

Sponsor: United States Fish and Wildlife Service; Account: 26-1403-02

Project Title: Bees waggle but how do conservation actors SNAGgle? Assessing communication, coordination and collaboration of pollinator conservation using Social Network Analysis

Funding period: 01/2024 – 09/2026

Principal Investigator: Bixler, R.P.

Role and contribution of candidate: [PI] Oversee design, administration, implementation, and supervision of grant research tasks and deliverables

Co-PI/Co-Is: N/A

Candidate funding: \$191,197

Total funding: \$191,197

Sponsor: St. David's Foundation; Account: 26-7538-75

Project Title: Project CONNECT 2024
Funding period: 01/2024 – 06/2025
Principal Investigator: Bixler, R.P.
Role and contribution of candidate: [PI] Strategy and supervision of CONNECT program
Co-PI/Co-Is: N/A
Candidate funding: \$77,111
Total funding: \$77,111

Sponsor: St. David's Foundation; Account: 26-7538-80
Project Title: Austin Area Sustainability Indicators 2024
Funding period: 01/2024 – 12/2025
Principal Investigator: Bixler, R.P.
Role and contribution of candidate: [PI] Oversee design, administration, implementation, and supervision of Austin Indicators survey data collection, analysis, and administration
Co-PI/Co-Is: N/A
Candidate funding: \$52,000
Total funding: \$52,000

Sponsor: City of Austin; Account: 26-8279-22xx
Project Title: UT-City Climate CoLab 2023-2025
Funding period: 10/2023 – 09/2025
Principal Investigator: Niyogi, D., Jackson School of Geoscience, UT Austin
Role and contribution of candidate: [Co-PI] Lead the social science and policy research dimensions of the CoLab
Co-PI/Co-Is: Jiao, J. (School of Architecture, UT-Austin), Passalacqua, P (CAEE, UT Austin), Keitt, T. (CNS, UT Austin)
Candidate funding: \$100,000
Total funding: \$350,000

Sponsor: Department of Energy; Account: 26-0840-112
Project Title: Southeast Texas Urban IFL: Equitable solutions for communities caught between floods and air pollution
Funding period: 09/2022-08/2027
Principal Investigator: Passalacqua, P. (CAEE, UT Austin)
Role and contribution of candidate: [Co-I] Lead the governance related research associated with overall project.
Co-PI/Co-Is: Kinney, K. (CAEE, UT Austin), Leite, F. (CAEE, UT Austin); Lieberknecht, K. (Community and Regional Planning Program, UT Austin); Miszwal, P. (CAEE, UT Austin); Persad, G. (Jackson School of Geosciences, UT Austin)
Candidate funding: \$80,700
Total funding:
\$17,107,000 total/ UT Austin: \$5,252,000

Completed

Sponsor: National Science Foundation (NSF); Account: 26-1020-62

Project Title: Community Resilience integrated into an Earth System Science Learning Ecosystem (CRESSLE)

Funding period: 6/1/2023 - 4/18/25

Principal Investigator: Banner, J., Jackson School, UT-Austin

Role and contribution of candidate: [Co-PI] Co-lead the climate resilience theme for community-engaged research and support the discovery research including research design and analysis.

Co-PI/Co-Is: Atkinson, L. (Moody College of Communication, UT Austin); Ramirez-Andreotta, M. (University of Arizona)

Candidate funding: \$203,047

Total funding: \$2,566,769

Sponsor: Texas Water Development Board; Account: 26-4413-51

Project Title: Developing a Flood Specific Social Vulnerability Index (TX F-SVI) for the State of Texas

Funding period: 02/2023 – 04/2025

Principal Investigator: Bixler, R.P.

Role and contribution of candidate: [PI] Lead project design, administration, analysis, reporting

Co-PI/Co-Is: Passalacqua, P (CAEE, UT Austin); Tate, E. (School of Public and International Affairs, Princeton University)

Candidate funding: \$140,449

Total funding: \$140,449

Sponsor: National Aeronautics and Space Administration (NASA); Account: 26-1281-41

Project Title: ATX CA3TCH UP: Climate Atlas for Accountability and Advocacy Strategies through Co-production with Historically Underserved Community Partners in Austin, TX

Funding period: 09/2022-02/2025

Principal Investigator: Bixler, R.P.

Role and contribution of candidate: [PI] Lead project design, administration, analysis, reporting

Co-PI/Co-Is: Niyogi, D. (Jackson School of Geosciences, UT Austin); Llanes, C. (Go Austin, Vamos Austin); Coudert, M. (City of Austin Office of Sustainability); Castellanos, S. (CAEE, UT Austin); Bartos, M. (CAEE, UT Austin); Passalacqua, P. (CAEE, UT Austin)

Candidate funding: \$249,842

Total funding: \$249,842

Sponsor: Bill Wood Foundation; Account: 26-7537-17

Project Title: Bolstering a Data-Driven Culture

Funding period: 01/2023 – 05/2024

Principal Investigator: Bixler, R.P.

Role and contribution of candidate: [PI] Strategy and supervision of CONNECT program

Co-PI/Co-Is: N/A

Candidate funding: \$92,464

Total funding: \$92,464

Sponsor: St. David's Foundation; Account: 26-7537-80

Project Title: Austin Area Sustainability Indicators 2023

Funding period: 01/2023 – 12/2023

Principal Investigator: Bixler, R.P.

Role and contribution of candidate: [PI] Oversee design, administration, implementation, and supervision of Austin Indicators survey data collection, analysis, and administration

Co-PI/Co-Is: N/A

Candidate funding: \$25,000

Total funding: \$25,000

Sponsor: St. David's Foundation; Account: 26-7537-80

Project Title: Project CONNECT: Bolstering a Data-Driven Culture While Building Analytical Talent in the Community

Funding period: 01/2023 – 12/2023

Principal Investigator: Bixler, R.P.

Role and contribution of candidate: [PI] Strategy and supervision of CONNECT program

Co-PI/Co-Is: N/A

Candidate funding: \$35,000

Total funding: \$35,000

Sponsor: Episcopal Health Foundation; Account: 26-7537-01

Project Title: Austin Area Sustainability Indicators 2022 2023

Funding period: 11/2022 – 08/2023

Principal Investigator: Bixler, R.P.

Role and contribution of candidate: Oversee design, administration, implementation, and supervision of Austin Indicators survey data collection, analysis, and administration

Co-PI/Co-Is: N/A

Candidate funding: \$25,000

Total funding: \$25,000

Sponsor: Michael & Susan Dell Foundation; Account: 26-7536-85

Project Title: Bolstering a Data-Driven Culture

Funding period: 09/2022 – 02/2024

Principal Investigator: Bixler, R.P.

Role and contribution of candidate: [PI] Strategy and supervision of CONNECT program

Co-PI/Co-Is: N/A

Candidate funding: \$141,621

Total funding: \$141,621

Sponsor: University of Montana (sub-award from USGS); Account: 26-3517-71

Project Title: The Landscape of Southeast Conservation Partnerships

Funding period: 09/2022 - 06/2024

Principal Investigator: Bixler, R.P.

Role and contribution of candidate: [PI] Lead survey design, data collection, analysis, and dissemination

Co-PI/Co-Is: N/A

Candidate funding: \$21,119

Total funding: \$21,119

Sponsor: City of Austin; Account: 26-8278-71

Project Title: Data and Engagement for Resilience Hubs

Funding period: 09/2022-08/2024

Principal Investigator: Bixler, R.P.

Role and contribution of candidate: [PI] Conceptualization, research design, supervision, dissemination

Co-PI/Co-Is: N/A

Candidate funding: \$140,000

Total funding: \$140,000

Sponsor: St. David's Foundation; Account: 26-7535-93

Project Title: Project CONNECT 2022

Funding period: 01/2022 – 03/2023

Principal Investigator: Bixler, R.P.

Role and contribution of candidate: [PI] Strategy and supervision of CONNECT program

Co-PI/Co-Is: N/A

Candidate funding: \$35,000

Total funding: \$35,000

Sponsor: St. David's Foundation; Account: 26-7536-11

Project Title: 2021 Austin Area Sustainability Indicators

Funding period: 01/2022 – 12/2022

Principal Investigator: Bixler, R.P.

Role and contribution of candidate: [PI] Oversee design, administration, implementation, and supervision of Austin Indicators survey data collection, analysis, and administration

Co-PI/Co-Is: N/A

Candidate funding: \$25,000

Total funding: \$25,000

Sponsor: Bill Wood Foundation; Account: 26-7535-78

Project Title: Expanding use of data analytics talent to connect higher education and the nonprofit sector

Funding period: 11/2021 – 01/2023

Principal Investigator: Bixler, R.P.

Role and contribution of candidate: [PI] Strategy and supervision of CONNECT program

Co-PI/Co-Is: N/A

Candidate funding: \$96,656

Total funding: \$96,656

Sponsor: Michael & Susan Dell Foundation; Account: 26-7535-57

Project Title: Expanding use of data analytics talent to connect higher education and the nonprofit sector

Funding period: 09/2021 – 03/2023

Principal Investigator: Bixler, R.P.

Role and contribution of candidate: [PI] Strategy and supervision of CONNECT program

Co-PI/Co-Is: N/A

Candidate funding: \$154,767

Total funding: \$154,767

Sponsor: Asakura Robinson (sub-award from City of Austin Watershed Protection Department); Account: 26-6822-65

Project Title: Modeling Adoption of Green Stormwater Infrastructure in Urban Catchments in Austin

Funding period: 01/2021 - 10/2023

Principal Investigator: Bixler, R.P.

Role and contribution of candidate: [PI] Design survey instrument and sampling strategy; supervise post-doc (see supplementary post-doc mentoring statement); lead analysis and reporting

Candidate funding: \$179,280

Total funding: \$179,280

Sponsor: National Oceanic and Atmospheric Administration; Account:

Project Title: Understanding Current And Future Coastal Flood Risk: How Do Local Governance Networks Shape Resilience Efforts In Response To Perceived Hazards?

Funding period: 09/2021 - 08/2024

Principal Investigator: Passalacqua, P. (CAEE, UT Austin)

Role and contribution of candidate: [CoPI] Lead all social science and governance-based research, including quantitative and qualitative research design, data collection, analysis, reporting.

Co-PI/Co-Is: Bixler, R.P., Moftakhari, H. (University of Alabama); Haselbach, L. (Lamar University)

Candidate funding: \$80,705

Total funding: \$220,095

Sponsor: National Oceanic and Atmospheric Administration; Account: 26-2452-02
Project Title: Extreme Heat Risk Initiative
Funding period: 05/2021 - 12/2023
Principal Investigator: Niyogi, D., Jackson School of Geoscience, UT Austin
Role and contribution of candidate: [Co-PI] Lead social vulnerability research and support qualitative research design and analysis.
Co-PI/Co-Is: Lanza, K (UT-Health)
Candidate funding: \$65,000
Total funding: \$296,477

Sponsor: St. David's Foundation; Account: 26-7534-44
Project Title: 2020 Austin Area Sustainability Indicators
Funding period: 11/2020 – 03/2021
Principal Investigator: Bixler, R.P.
Role and contribution of candidate: [PI] Oversee design, administration, implementation, and supervision of Austin Indicators survey data collection, analysis, and administration
Co-PI/Co-Is: N/A
Candidate funding: \$25,000
Total funding: \$25,000

Sponsor: Bill Wood Foundation; Account: 26-7534-50
Project Title: Driving data-driven decisions with analytics support in the nonprofit sector
Funding period: 10/2020 – 01/2022
Principal Investigator: Bixler, R.P.
Role and contribution of candidate: [PI] Strategy and supervision of CONNECT program
Co-PI/Co-Is: N/A
Candidate funding: \$71,850
Total funding: \$71,850

Sponsor: Episcopal Health Foundation; Account: 26-7534-49
Project Title: 2020 Austin Area Sustainability Indicators (EHF)
Funding period: 10/2020 – 12/2021
Principal Investigator: Bixler, R.P.
Role and contribution of candidate: Oversee design, administration, implementation, and supervision of Austin Indicators survey data collection, analysis, and administration
Co-PI/Co-Is: N/A
Candidate funding: \$10,000
Total funding: \$10,000

Sponsor: Texas Water Foundation; Account: 26-7534-00
Project Title: Texas Water Systems Mapping

Funding period: 09/2020 – 05/2022

Principal Investigator: Bixler, R.P.

Role and contribution of candidate: [PI] Lead research design, analysis, dissemination, and tool development

Co-PI/Co-Is: N/A

Candidate funding: \$25,500

Total funding: \$25,500

Projects *above* this line were received and completed while in rank as Assistant Professor

Projects below were received and completed while in non-Tenure Track positions at UT

Sponsor: U.S. Forest Service; Account: 26-0903-43

Project Title: Strategic Partner Assessment and Analysis Tool

Funding period: 08/2019 – 07/2020

Principal Investigator: Bixler, R.P.

Role and contribution of candidate: [PI] Lead project design, survey instrument design, data collection, data analysis, report and reporting out.

Co-PI/Co-Is:

N/A

Candidate funding: \$44,999

Total funding: \$44,999

Sponsor: Michael & Susan Dell Foundation; Account: 26-7532-10

Project Title: Leveraging data analytics talent for nonprofit effectiveness

Funding period: 04/2019 – 05/2021

Principal Investigator: Bixler, R.P.

Role and contribution of candidate: [PI] Strategy and supervision of CONNECT program

Co-PI/Co-Is: N/A

Candidate funding: \$250,760

Total funding: \$250,760

Sponsor: Lincoln Institute of Land Policy; Account: 26-6820-70

Project Title: A Policy Evaluation of Municipal Bonds and Blue, Green, and Grey Infrastructure

Funding period: 08/2018 – 06/2019

Principal Investigator: Bixler, R.P.

Role and contribution of candidate: [PI] Supervised implementation of project, designed interview instrument, collected and analyzed data, completed final reporting.

Co-PI/Co-Is:

N/A

Candidate funding: \$10,000

Total funding: \$10,000

Sponsor: Center for Large Landscape Conservation; Account: 26-3980-73

Project Title: Towards a Network Governance Strategy of the Sagebrush landscape: An empirical assessment of stakeholders and networks to inform multi-scale governance

Funding period: 04/2018 – 01/2020

Principal Investigator: Bixler, R.P.

Role and contribution of candidate: [PI] Supervised implementation of project, designed survey instrument, collected and analyzed data, completed final reporting and lead manuscript development.

Co-PI/Co-Is: Shawn Johnson (University of Montana), Maureen Essen (U.S. Forest Service), Jennifer Tompsen (University of Montana)

Candidate funding: \$53,014

Total funding: \$53,014

Sponsor: Wildlife Management Institute; Account: 26-3977-74

Project Title: Social Network Analysis and Socio-ecological Performance Matrix for Systematic Conservation Planning

Funding period: 09/2016 – 09/2018

Principal Investigator: Bixler, R.P.

Role and contribution of candidate: [PI] Supervised implementation of project, designed survey instrument, collected and analyzed data, completed final reporting.

Co-PI/Co-Is:

Shawn Johnson (University of Montana)

Candidate funding: \$43,287

Total funding: \$43,287

Sponsor: Texas A&M AgriLife Research; Account: 26-3216-75

Project Title: Fighting Wildfire with Prescribed Burning in the Southern Great Plains: Social and Regulatory Barriers and Facilitators

Funding period: 09/2016 – 08/2021

Principal Investigator: Bixler, R.P.

Role and contribution of candidate: [PI] Supervised Texas A&M doctoral student conducting qualitative and quantitative survey research. Served as external member to dissertation committee and contributed to manuscripts.

Co-PI/Co-Is:

N/A

Candidate funding: \$26,636

Total funding: \$26,636

Gifts and Other External Research Awards or Contracts (non-26 accounts)

Current

Sponsor: GivePower Foundation, Account: 30-4184-7893

Project Title: Understanding the engineering and community impact of Solar Water Farms in Kenya

Funding period: 01/2025-12/2025

Principal Investigator: Manish Kumar, Environmental and Chemical Engineering, UT Austin

Role and contribution of candidate: Co-PI; I lead all social science research related to water security and measuring community-level impact of water technology.

Candidate funding: \$137,500

Total funding: \$275,000

Internal Research Funding -- Candidate PI/ co-PI/ co-I

Current

Sponsor: Office of the Vice President for Research, Scholarship, and Creative Endeavors, The University of Texas at Austin; Account: 19-0207-08

Project Title: Networks for Hazard Preparedness and Response, A Planet Texas 2050 Flagship

Funding period: 01/2021-08/2025

Principal Investigators: Bixler, R.P., Passalacqua, P. (Flagship Co-Leads)

Role and contribution of candidate: [PI] Lead all social science and policy and governance research for the flagship

Co-PI/Co-Is:

N/A

Candidate funding: \$300,000

Total funding:

\$600,000

Sponsor: Office of the Vice President for Research, Scholarship, and Creative Endeavors, The University of Texas at Austin; Account: 19-0205-91

Project Title: Planet Texas 2050 Bridging Funding

Funding period: 01/2021-12/2025

Principal Investigators: Bixler, R.P., Bartos, M. (Bridge Co-Leads)

Role and contribution of candidate: [PI] Lead all social science and policy and governance research for the bridge projects.

Co-PI/Co-Is:

N/A

Candidate funding: \$80,000

Total funding: \$160,000

AWARDS AND HONORS

2023-2023	President's Award for Global Learning, Texas Global, University of Texas at Austin
2023-2025	Fellow to the Mike Hogg Professorship in Urban Management, LBJ School of Public Affairs
2021	National Center for Faculty Development and Diversity Fellow, Office of the Executive Vice President and Provost, University of Texas at Austin
2020	Community Impact Award, Community Indicator Consortium.

PRESENTATIONS

Invited Talks (only in rank)

“Solar Water Farms as a Climate Compatible Water Security Solution? Evaluating the impact of decentralized, solar-powered reverse osmosis systems on community water access and health.” Amsterdam Sustainability Institute, Research Cluster Water Security and Justice, May 2025

“Leveraging Cross-Sector Network Data to Build Future Conservation Strategies.” Southeast Association of Fish and Wildlife Agencies. Augusta, GA. December 2024.

“Co-Production in Addressing Community Needs: Reflexive Co-Production.” NASA EEJ Webinar Series. March 2024.

“Collaborative complexity in the Southeast: A blueprint for interorganizational capacity.” Southeast Futures Landscape Summit. New Orleans, LA. February 2024.

“Rising to Resilience Challenges.” A Planet Texas 2050 Showcase Event. Austin, March 2020.

“Climate Vulnerability in Austin: A multi-risk assessment.” City of Austin Environmental Commission. Austin, TX. February 2020.

Conference Presentations (only in rank)

“We know where the disparities are!” Moving From Description to Action by Interweaving Tacit and Explicit Knowledge to Address Flooding and Heat in Urban Environments.” American Geophysical Union (AGU). Washington, DC. December 2024.

“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, CA. December 2023.

“Who is My Neighbor? Exploring the Role of Social Capital in Heat Risk Perception in Urban Texas.” Fall Research Conference of the Association for Public Policy Analysis and Management (APPAM). Atlanta, GA. November 2023.

“Landscape governance in the Texas Hill Country: Spatial, Organizational, and network change dynamics from 2016 to 2023.” Portland, ME. June 2023.

“Drivers of adaptation architecture in coastal flooding communities: Evidence from the gulf coast.” Annual Conference of Earth System Governance. Toronto, Ontario. October 2022.

“Coastal flooding, risk perception, and networks of hazard planning and recovery.” International Network of Social Network Analysis (Sunbelt). Cairns, Australia (virtual/hybrid). July 2022.

“What do we need to create for our students to be data experts for social good?” NASPPA 2021 (virtual). March 2021.

“Evaluation of Service-Learning Components in the Classroom.” NASPPA 2021 (virtual). March 2021.

“Integration of flood inundation and socio-demographic vulnerability: a techno-social approach for quantifying household flood risk”. Global Flood Partnership (GFP) 2021 (virtual). November 2021.

“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). November 2021.

“The intersection of equity and climate change action: an ERGM Approach.” Networks 2021 (Joint Conference of INSNA and NetSci Conference). Washington, D.C. (virtual). June 2021.

“A framework for measuring endogenous and exogenous capacity for adaptive governance: insights from the Sagebrush.” Annual Conference of North American Congress Conservation Biology (NACCB). Denver, CO (virtual). March 2020.

“Unpacking centrality and capacity in inter-organizational networks.” Annual Conference of International Network for Social Network Analysis (INSNA). Paris, France (virtual). October 2020.

ADVISING AND STUDENT-RELATED SERVICE

Dissertation Committees

Brooks, Trevor, Geosciences, 2025-present (Co-chair with Dev Niyogi)

Saraiva De Olivera, Eloy, Public Policy, 2025-present (Member)

Moss, Jacquie, Public Policy, 2024-present (Chair).

Spitzer, Natalie, Education Administration, 2024-present (Member).

Enriquez, Olivia Rose, Public Policy, 2023-present (Chair).

Ovalle, Joycelyn, Public Policy, 2023-present (Chair).

Paul, Sandeep, Public Policy, 2022-present (Co-chair with Catherine Weaver).

Preisser, Matthew David, Civil Engineering, 2022-2025 (Co-chair with Paola Passalacqua).

- Post-doctoral Fellow, ETH Zurich

Buono, Regina Maria, Public Policy, 2019-2022 (Chair)

- Senior Attorney, Environmental Law Institute

Antequera, Felipe Luis, Public Policy, 2022-2024 (Member)

Zutz, Clare Packard, Community and Regional Planning, 2021-2023 (Member)

Senior Analyst, Karen Karp & Partners

Subramanya, Vivek Shastry, Public Policy, 2021-2023 (Member)

- Senior Research Associate at the Center on Global Energy Policy, Columbia SIPA

Osman, Khalid Kamal, Civil Engineering, 2021-2022 (Member)

- Assistant Professor, Stanford University
Richter, Steven Michael, Community and Regional Planning, 2019-2022 (Member)
- Assistant Professor, East Carolina University
Giner, Maria Elena, Public Policy, 2019-2021 (Member)
- United States Commissioner of the International Boundary and Water Commission
Yang, Euijin, Civil Engineering, 2019-2022 (Member)
- Assistant Professor, Sam Houston State University
O'Reilly, Sissi Dinh, Education Administration, 2018-2021 (Member)

Master's Thesis Committees

- Werchan, Seth, M.S. in Earth and Energy Resources. 2024-2025. (Chair).
- Richter-Atkinson, Madeleine, M.S. in Community and Regional Planning (dual degree with Public Affairs). 2023-present (Co-chair)
- Haggerman, Janice, M.S. in Community and Regional Planning (dual degree with Public Affairs). 2024-2025 (Member)
- Mchugh, Maeve Shadburne, M.S. in Community and Regional Planning (dual degree with Public Affairs). 2023-present (Member)
- Weatherford, Krista, M.S. in Community and Regional Planning (dual degree with Public Affairs). 2022-2023 (Chair)
- Policy and community engagement, City of Austin Councilmember Ryan Alter
- Lopez, Oriana Xiomara, M.S. in Community and Regional Planning (dual degree with Public Affairs). 2022-2023 (Chair).
- Associate Director, Texas Extreme Weather Adaptation Lab
- Smith, Carrie, M.S. in Community and Regional Planning, 2022-2023 (Chair)
- Program Manager for Equitable Infrastructure, US Water Alliance
- Young, Jessica Diane, M.S. in Community and Regional Planning, 2022-2023 (Member)
- Climate Resilience Portfolio Manager, Asakura Robinson
- Koslan, Katherine Linda, M.S. in Community and Regional Planning, 2022-2023 (Member)
- Flood Planning Associate, Texas Water Development Board
- Linder, Whitney Blair, M.S. in Community and Regional Planning, 2022-2023 (Member)
- Karimaghaei, Sara, M.S. in Civil Engineering, 2022 (Member)
- Preisser, Matthew David, Civil Engineering (dual degree with Public Affairs). 2021-2022 (Member).
- Wingo, Kelsey Anne, M.S. in Community and Regional Planning, 2021-2022 (Chair)
- Presidential Management Fellow with the U.S. Department of Transportation's Volpe Center
- Jones, Jessica Marie, M.S. in Community and Regional Planning (dual degree with Public Affairs). 2019-2021 (Chair)
- UC-Davis Community-engaged Research Center
- Ibarra, Victoria Sanchez, Geoscience, 2019-2020 (Member)
- Atshan, Samer, M.S. in Earth and Energy Resources (dual degree with Public Affairs), 2015-2018 (Co-chair with David Springer).
- Pardee RAND Graduate School, PhD program; Post-doctoral appointment at USC
- Agbim, Chinelo N., MPaff in Public Affairs, 2019 (Member).

Undergraduate Mentees

Mandy Tran. BS Environmental Science. BDP Connecting Experience and thesis. 2023. (Chair)
Lee Yang. BS Biology. BDP Connecting Experience and thesis. 2023. (Chair)
Emma Fairfield. BA in Urban Studies. BDP Connecting Experience and thesis. 2021. (Member)
Goad, Bethany. BA in Urban Studies. 2020 (Chair)
Griswold, Elizabeth. BS Environmental Science. 2019. (Chair)

Mentee honors and awards

Brooks, Trevor, 2023 recipient of NASA Finesst Fellowship
Preisser, Matthew, 2021 recipient of NASA Finesst Fellowship
Jones, Jessica Marie, 2021, honorable mention the LBJ School's Emmette Redford Award for best student research
Atshan, Samer, 2018 recipient of the LBJ School's Emmette Redford Award for best student research

MEDIA

Local Austin NBC Affiliate (KXAN) report about NASA-funded climate atlas

- <https://www.kxan.com/weather-traffic-qas/texas-researchers-austin-activists-partner-on-new-climate-atlas/>

NPR Radio Story on Climate Atlas

- Audio link can be found here: <https://sites.utexas.edu/rpbixler/projects-and-publications/>

UT Press Release on the NASA-funded project

- <https://lbj.utexas.edu/ut-researchers-are-working-city-staff-and-community-groups-build-austin-wide-climate-atlas>

ADMINISTRATIVE AND PROFESSIONAL SERVICE

Departmental Service

MPAff GSC Member, AY2024-2025-present
PhD GSC Member, AY2020-2021-present
PhD Graduate Admissions Committee, AY2024-2025
Executive Masters in Public Leadership (EMPL) Curriculum Review Committee, AY2022-2023
GRE Requirement Review Committee, AY2021-2022
PhD Program Curriculum Review and Redesign Committee, AY2021-2022
MPAff and MPGS Graduate Admissions Committee, AY2020-2021

University Service

2024-present	Towers Fellow Faculty Advisor, University of Texas at Austin
2024-2026	Co-chair, Theme Organizing Committee (TOC), Planet Texas 2050, Office of Vice President for Research, University of Texas at Austin

- 2022-2024 Theme Organizing Committee (TOC) member, Planet Texas 2050, Office of Vice President for Research, University of Texas at Austin
- 2016-2023 Facilitation Team member, Texas Water Research Network, Environmental Science Institute, University of Texas at Austin

Editorial Service

Guest Associate Editor: Frontiers in Ecology and Environment (2019-2021)

Ad-hoc reviewer: Science, Nature Sustainability, Sustainability Science, Environmental Science and Policy, Frontiers in Ecology and Environment, Ecology and Society, Elementa: Science of the Anthropocene, Policy Studies Journal, Policy Sciences, Environmental Management, The Journal of the Arid Environment, Local Environment, Journal of Environmental Planning and Management, Conservation Letters, Society and Natural Resources, Journal of Sustainable Development, Journal of Rural Studies, Wildlife Biology