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EDUCATION

2018	Ph.D.	Natural Resources , University of Idaho, USA
2014	MSc	Risk and Environmental Hazards (with Distinction), Durham University, UK
2013	BSc (Hons)	Geography , Durham University, UK

APPOINTMENTS

08/2025 – present	Assistant Professor, Human Dimensions of Natural Resources Department of Environment and Society, S.J and Jesse E. Quinney College of Agriculture and Natural Resources, Utah State University, Logan, UT, USA
08/2019 – 07/2025	Assistant Professor of Natural Resource Sociology School of Forestry, College of the Environment, Forestry, and Natural Sciences, Northern Arizona University, Flagstaff, AZ, USA (earned tenure and promotion that would have begun 08/2025)
07/2020 – present	Affiliate Faculty , Southwest Health Equity Research Collaborative Northern Arizona University, Flagstaff AZ, USA
09/2021 – 09/2023	Visiting Scientist , Early Career Faculty Innovator Program (summers only) National Center for Atmospheric Research, Boulder, CO, USA
01/2019 – 08/2019	Postdoctoral Research Fellow
01/2015 – 12/2018	Graduate Research Assistant
01/2016 – 05/2018	Graduate Teaching Assistant Dept. Natural Resources and Society, University of Idaho, Moscow, ID, USA
03/2014 - 09/2014	Visiting Social Scientist , Northumberland National Park, Rothbury, UK
02/2014 - 07/2014	Research Assistant , International Volcanic Health Hazards Network, UK

PEER-REVIEWED PUBLICATIONS

37. Pope, K., Paveglio, T.B., and **Edgeley, C.M.** (2025). Exploring NGO Participation and Roles during Community Recovery from Wildfire. *International Journal of Disaster Risk Reduction*, 127(9), 105678. <https://doi.org/10.1016/j.ijdr.2025.105678>
36. **Edgeley, C.M.**, Colavito, M.M, and vonHedemann, N. (2025). Understanding household experiences with flooding in post-fire environments: risk perceptions, drivers, and mitigation strategies. *Environmental Hazards*, in press. <https://doi.org/10.1080/17477891.2025.2523305>
35. Jones, K.W., Cadol, D., Morgan, M., Stevens-Rumann, C., Agnew, D., Burney, O., Calabaza, J., Chambers, M.E., **Edgeley, C.M.**, Falk, D., Hughes, L.G., Marsh, C., Schultz, C.A., McCarthy, L., Morrison, R., Montoya, M., Padowski, J., Piccarello, M., Pinto, J.R., Roach, J., Roberts, M., Rodman, K., Triepke, J., Tsinnajinnie, L., vonHedemann, N., Webster, A.J., Buettner, W.C., Fernandez Leger, A., Mineau, A., Rotche, L., Russell, G., and Woollet, J. (2025). A horizon scan to inform research

Underline indicates graduate student co-author

* indicates undergraduate student co-author

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- priorities on post-wildfire forest restoration and recovery in the western United States. *Frontiers in Forests and Global Change*, 8. <https://doi.org/10.3389/ffgc.2025.1595886>
34. Franz, S.T. and **Edgeley, C.M.** (2025). Bucking the suppression status quo: Incentives to shift the wildfire management paradigm around natural ignitions. *Fire Ecology* 21, 37. <https://doi.org/10.1186/s42408-025-00379-y>
 33. Edgeley, C.M., Evans, A.M., Devenport, S.E., Kohler, G., Zamudio, Z.M.*, and DeGrandpre, W.D. (2025). Preventing human-caused wildfire ignitions on public lands: a review of best practices. *Forest Science*, 71, 493–521. <https://doi.org/10.1007/s44391-025-00025-9>
 32. **Edgeley, C.M.** and Burnett, J.T. (2025). Understanding rural adaptation to smoke from wildfire and forest management: Insights for aligning approaches with community contexts. *International Journal of Wildland Fire*, 34, WF24016 <https://doi.org/10.1071/WF24016>
 31. Devenport, S.E. and **Edgeley, C.M.** (2025). Visitor preferences and human-caused wildfire prevention: A survey of public land users in the U.S. Southwest. *Journal of Forestry*, 123(2), 171–196. <https://doi.org/10.1007/s44392-024-00003-y>
 30. Emard, K., **Edgeley, C.M.**, Wölfl Hazard, C., Sarna-Wojcicki, D., Cannon, W.H., Cameron, O., Hillman, L., McCovey, K., Lombardozzi, D., Pearce, S., and Newman, A. (2024). Connecting local ecological knowledge and earth system models: Comparing three participatory approaches. *Ecology and Society*, 29(4):43. <https://doi.org/10.5751/ES-15570-290443>
 29. Franz, S.T., Colavito, M.M., and **Edgeley, C.M.** (2024). From flexibility to feasibility: identifying the policy conditions that support the management of wildfire for objectives other than full suppression. *International Journal of Wildland Fire* 33, WF24031. <https://doi.org/10.1071/WF24031>
 28. **Edgeley, C.M.**, Colavito, M.M., vonHedemann, N., and Burnett, J.T. (2024). Voluntary uptake of flood insurance in post-fire landscapes: Insights from household surveys after two wildfires in northern Arizona. *Environmental Research Communications*, 6(6), 061006. <https://doi.org/10.1088/2515-7620/ad5647>
 27. **Edgeley, C.M.**, Cannon, W.H., Pearce, S., Kosovic, B., Pfister, G., and Kumar, R. (2024). Five social and ethical considerations for using wildfire visualizations as a communication tool. *Fire Ecology*, 20, 45: 1-12. <https://doi.org/10.1186/s42408-024-00278-8>
 26. Cannon, W.H. and **Edgeley, C.M.** (2024). Exploring the identification and use of socially defined indicators to monitor local environmental change in the Santa Catalina Mountains, Arizona. *Regional Environmental Change* 24, 31. <https://doi.org/10.1007/s10113-024-02190-y>
 25. **Edgeley, C.M.** and Paveglio, T.B. (2024). Bridging scales for landscape level wildfire adaptation: a case study of the Kittitas Fire Adapted Communities Coalition. *Journal of Environmental Management*, 351, 119818. <https://doi.org/10.1016/j.jenvman.2023.119818>
 24. **Edgeley, C.M.** (2023). Social science to advance wildfire adaptation in the Southwestern United States: A review and future research directions. *International Journal of Wildland Fire*, 32(12), 1647-1662. <https://doi.org/10.1071/WF23102>
 23. Hjerpe, E., Colavito, M.M., **Edgeley, C.M.**, Burnett, J.T., Sanchez Meador, A., Combrink, T., and Vosick, D. (2023). Measuring the Long-Term Costs of Uncharacteristic Wildfire: A Case Study of the 2010 Schultz Fire in Northern Arizona. *International Journal of Wildland Fire*. <https://doi.org/10.1071/WF23036>

22. Shah, S.H., O'Lenick, C., Ramos-Valle, A., Wan, J.S., Wilhelmi, O., Ash, K., **Edgeley, C.M.**, Molina, M.J., Moulite, J., Chunga Pizzaro, C., Emard, K., Cameron, O., Done, J., Wölflé Hazard, C., Hopson, T., Jones, M., Lacey, F., Lachaud, M.A., Lombardozzi, D., Méndez, M., Morss, R., Ricke, K., Tormos-Aponte, F., Wieder, W., and Williams, C. (2023). Connecting Physical and Social Science Datasets: Challenges and Pathways Forward. *Environmental Research Communications*, 5(9), 095007. <https://doi.org/10.1088/2515-7620/acf6b4>
21. Burnett, J.T. and **Edgeley, C.M.** (2023). Factors influencing flood risk mitigation after wildfire: Insights for individual and collective action after the 2010 Schultz Fire. *International Journal of Disaster Risk Reduction*, 93, 103791. <https://doi.org/10.1016/j.ijdr.2023.103791>
20. Pavaglio, T.B., and **Edgeley, C.M.** (2023). Variable support and opposition to fuels treatments for wildfire risk reduction: Melding frameworks for local context and collaborative potential. *Journal of Forestry*, 121(4), 354-373. <https://doi.org/10.1093/jofore/fvad021>
19. Petreillo, M., **Edgeley, C.M.**, Chambers, C., and Lee, M. (2023). Factors influencing support for bat management and conservation in the wildland-urban interface. *Human Dimensions of Wildlife*, 28(2), 170-186. <https://doi.org/10.1080/10871209.2021.201863>
18. **Edgeley, C.M.** and Colavito, M.M. (2022). Public support for forest management after a wildfire: Examining the influence of household experiences following the 2019 Museum Fire. *Journal of Forestry*. <https://doi.org/10.1093/jofore/fvac018>
17. Vaughan, D., **Edgeley, C.M.**, and Han, H.S. (2022). Forest contracting businesses in the US Southwest: Current profile and workforce training needs. *Journal of Forestry*, 120(2), 186-197. <https://doi.org/10.1093/jofore/fvab060>
16. **Edgeley, C.M.** (2022). Exploring the Social Legacy of Frequent Wildfires: Organizational Responses for Community Recovery Following the 2018 Camp Fire. *International Journal of Disaster Risk Reduction*, 70: 102772. <https://doi.org/10.1016/j.ijdr.2021.102772>
15. Burnett, J.T. and **Edgeley, C.M.** (2021). Forest Fridays: Leveraging educator-land manager partnerships to overcome barriers to outdoor environmental education. *Children, Youth and Environments* 31(3), 148-157. <https://doi.org/10.7721/chilyoutenvi.31.3.0148>
14. Carroll, M.S., **Edgeley, C.M.** and Nugent, C. (2021). Traditional Use of Controlled Burning in Ireland: History, Culture and Contemporary Practice in the Uplands. *International Journal of Wildland Fire* 30(6), 399–409. [Editor's pick - open access] <https://doi.org/10.1071/WF20127>
13. Pavaglio, T.B., Stasiewicz, A.M. and **Edgeley, C.M.** (2021). Understanding support for regulatory approaches to wildfire management and performance of property mitigations on private lands. *Land Use Policy* 100, 104893. <https://doi.org/10.1016/j.landusepol.2020.104893>
12. **Edgeley, C.M.** and Burnett, J.T. (2020). Navigating the wildfire-pandemic interface: Public expectations of COVID-19 and the 2020 wildfire season in Arizona. *Fire* 3(3), 41. <https://doi.org/10.3390/fire3030041>
11. **Edgeley, C.M.**, Stasiewicz, A.M., and Hammond, D.H. (2020). Prioritizing Research Needs in Natural Resources: Using Q-methodology as a Focus Group Discussion Tool. *Journal of Forestry* 118(6), 569–575. <https://doi.org/10.1093/jofore/fvaa035>
10. **Edgeley, C.M.**, Pavaglio, T.B., and Williams, D.R. (2020). Support for regulatory and voluntary approaches to wildfire adaptation among unincorporated wildland-urban interface communities. *Land Use Policy* 91(2), 104394. <https://doi.org/10.1016/j.landusepol.2019.104394>

9. **Edgeley, C.M.** and Paveglio, T.B. (2019). Exploring Influences on Intended Evacuation Behaviors During Wildfire: What Roles for Pre-Fire Actions and Event-Based Cues?. *International Journal of Disaster Risk Reduction* 37, 101182. <https://doi.org/10.1016/j.ijdr.2019.101182>
8. Paveglio, T.B., **Edgeley, C.M.**, Carroll, M.S., Billings, M.C., and Stasiewicz, A.M. (2019). Exploring the influence of local social context on strategies for achieving fire-adapted communities. *Fire* 2(2), 26. <https://doi.org/10.3390/fire2020026>
7. Paveglio, T.B., Carroll, M.S., Stasiewicz, A.M., and **Edgeley, C.M.** (2019). Social fragmentation and wildfire management: Exploring the scale of adaptive action. *International Journal of Disaster Risk Reduction* 33, 131-141. <https://doi.org/10.1016/j.ijdr.2018.09.016>
6. Paveglio, T.B., **Edgeley, C.M.** and Stasiewicz, A.M. (2018). Assessing influences on social vulnerability to wildfire using surveys, spatial data and wildfire simulations. *Journal of Environmental Management* 213, 425-439. <https://doi.org/10.1016/j.jenvman.2018.02.068>
5. **Edgeley, C.M.** (2017). Using Survey IDs to Enhance Survey Research and Administration. *Journal of Extension* 55(6), 6TOT3/38. <https://tigerprints.clemson.edu/joe/vol55/iss6/38>
4. **Edgeley, C.M.** and Paveglio, T.B. (2017). Community recovery and assistance following large wildfires: A case study of the Carlton Complex Fire. *International Journal of Disaster Risk Reduction* 25, 1137-1146. <https://doi.org/10.1016/j.ijdr.2017.09.009>
3. Paveglio, T.B. and **Edgeley, C.M.** (2017). Community diversity and hazard events: Understanding the evolution of local approaches to wildfire. *Natural Hazards* 87(2), 1083-1108. <https://doi.org/10.1007/s11069-017-2810-x>
2. **Edgeley, C.M.** and Paveglio, T.B. (2016). Influences on Stakeholder Support for a Wildfire Early Warning System in a UK Protected Area. *Environmental Hazards* 15(4), 327-342. <https://doi.org/10.1080/17477891.2016.1209155>
1. Paveglio, T.B., Prato, T., **Edgeley, C.M.**, and Nalle, D. (2016). Evaluating the Characteristics of Social Vulnerability to Wildfire: Demographics, Perceptions and Parcel Characteristics. *Environmental Management* 58(3), 534-548. <https://doi.org/10.1007/s00267-016-0719-x>

BOOK CHAPTERS

2. Fulé P.Z., **Edgeley C.M.**, Chambers C.L., Hoagland S., Céspedes B. (2021). Fire Ecology and Management of Southwestern Forests. pp 437-463 in: Greenberg C.H., Collins B. (eds) *Fire Ecology and Management: Past, Present, and Future of US Forested Ecosystems*. Managing Forest Ecosystems, vol 39. Springer, Cham.
1. Paveglio, T.B. and **Edgeley, C.M.** (2020). Fire Adapted Communities. In Manzello, S.L. (Ed.) *The Encyclopedia of Wildfires and Wildland Urban Interface Fires*. Springer, Chicago IL. Access it [here](#).

REPORTS AND WHITE PAPERS

18. **Edgeley, C.M.** (2023). Social science to support wildfire adaptation in the U.S. Southwest: An annotated bibliography of research from 1984-2023. Southwest Fire Science Consortium white paper, pp55. Access it [here](#).
17. Colavito, M.M., **Edgeley, C.M.**, and vonHedemann, N. (2023). Public Experiences with Wildfire and Flooding: A Case Study of the 2019 Museum Fire near Flagstaff, Arizona. ERI Issues in Forest Restoration—White Paper. Ecological Restoration Institute, Northern Arizona University. Flagstaff, AZ. Access it [here](#).

16. Franz, S., M.M. Colavito, and **C.M. Edgeley**. (2023). The Evolution of Wildfire Policies Governing Management of Natural Ignitions. ERI Issues in Forest Restoration—White Paper. Ecological Restoration Institute, Northern Arizona University. Flagstaff, AZ. Access it [here](#).
15. **Edgeley, C.M.**, (2023). Wildfire impacts and adaptation strategies among Highlands Fire District Residents: Results of a 2022 household survey. Report prepared for the Highlands Fire District. 16p.
14. Haarmann, N. and **Edgeley, C.** (2023). Current fire science research needs in the Southwest. Southwest Fire Science Consortium white paper, 44p. Access it [here](#).
13. **Edgeley, C.**, Haarmann, N., and Jaramillo-Scarborough, A. (2022). Burned Area Emergency Response teams: Interactions and opportunities during Southwestern monsoon seasons. Natural Hazards Center Weather Ready Response Report: WR7. Access it [here](#).
12. Vaughan, D., **Edgeley, C.**, and Han, H.S. (2022). Workforce training needs of forestry contractors in the US Southwest: Results of an industry survey. ERI White Paper. Ecological Restoration Institute, Northern Arizona University, 16 p. Access it [here](#).
11. **Edgeley, C.M.**, and Burnett, J.T. (2021). Public perceptions of smoke from wildfire and forest management in Parks, Arizona. Report prepared for the Kaibab National Forest, Ponderosa Fire District, and Arizona Department of Environmental Quality. 25p.
10. Burnett, J.T. and **Edgeley, C.M.** (2021). Yavapai Firewise: Opportunities and challenges for expansion. Report prepared for Yavapai Firewise. 21p.
9. Colavito, M.M., Combrink, T. , Hjerpe, E., **Edgeley, C.**, Burnett, J., and Sánchez Meador, A.J. (2021). Full-Cost Accounting Remeasurement of the 2010 Schultz Fire: Understanding the Long Term Socio-Economic Implications of High-Severity Wildfire and Post-Wildfire Flooding. ERI White Paper—Issues in Forest Restoration. Ecological Restoration Institute, 45 p.
8. **Edgeley, C.M.** and Colavito, M. (2020). *Local Experiences with the 2019 Museum Fire and Associated Flood Risk: A Survey of Flagstaff-Area Residents*. ERI White Paper—Issues in Forest Restoration. Ecological Restoration Institute, Northern Arizona University. 40 p. Access it [here](#).
7. Wyborn, C., M. Essen, M. Nielsen-Pincus, P. Champ, B. Gray, L. Yung, T. Paveglio, C. Evers, B. A. Miller, D.R. Williams, H. Brenkert-Smith, D. Jacobs, P. Haggerty, A. Schmidt, J. Riley, **C. Edgeley**, M. Carroll and M. Billings. (2020). *Co-Management of Fire Risk Transmission Partnership Fall 2019 workshop report*. USDA Forest Service, Rocky Mountain Research Station. Fort Collins, Colorado.
6. Paveglio, T.B. and **Edgeley, C.M.** (2020). *Kittitas Fire Adapted Communities Coalition Workshop Report*. Prepared for the Kittitas County Fire Adapted Communities Coalition. Access it [here](#).
5. **Edgeley, C.M.** (2020). *Knowledge exchange and disaster recovery after frequent wildfire events in Northern California: Exploring the experiences of organizations responding to the 2018 Camp Fire*. Natural Hazards Center Quick Response Report: QR299. Access it [here](#).
4. Paveglio, T. and **Edgeley, C.** (2019). *Case Studies of Fuel Reduction and Co-Management: Preliminary Results. Co-Management of Cross-Boundary Fire Risk Transmission*. Report for USDA Forest Service Rocky Mountain Research Station. Access it [here](#).
3. **Edgeley, C.M.** and Paveglio, T.B. (2018). *Homeowner support for wildfire risk reduction approaches in Timber Lakes, Utah*. Report prepared for the Timber Lakes Property Owners Association Fire Safety Committee, Utah.
2. Kimball, N., Aumeier, M.S., **Edgeley, C.M.**, and Wulfhorst, J.D. (2018). *Understanding diversity among schools and students in K-12 residential outdoor education programs*. Report prepared for the McCall Outdoor Science School, University of Idaho.

1. **Edgeley, C.M.** and Paveglio, T.B. (2018). *Wildfire perceptions and actions in McCall, Idaho*. Report prepared for the Valley County Fire Working Group, Idaho.

OTHER PUBLICATIONS

19. Rangel-Lynch, M., and **Edgeley, C.M.** (2025). Advancing Community Resilience in Arizona: Insights from the Arizona Wildfire Initiative. Fire Adapted Communities Learning Network blog, March 6th. Available [here](#).
18. Rangel-Lynch, M., and **Edgeley, C.M.** (2025). Guide: How to organize a community chipper day. Arizona Wildfire Initiative. Available [here](#).
17. Rangel-Lynch, M., and **Edgeley, C.M.** (2024). Editable short-term rental packet on wildfire risk for Arizona properties. Arizona Wildfire Initiative. Available [here](#).
16. Franz, S.T., Colavito, M.M., and **Edgeley, C.M.** (2024). Flexibility to Feasibility: Identifying Policy Conditions that Support Managing Wildfire for Objectives Other than Full Suppression. Ecological Restoration Institute Fact Sheet: 2p. Available [here](#).
15. Cannon, W., and **Edgeley, C.M.** (2024). Using wildfire visualization for mindful communication. Southwest Fire Science Consortium fact sheet, 2p. Available [here](#).
14. Colavito, M.M., vonHedemann, N., and **Edgeley, C.M.** (2024). Recent Social Science Findings on Forest and Fire Management from the Greater Flagstaff, Arizona Area. Ecological Restoration Institute Research Brief: 2p. Available [here](#).
13. Colavito, M.M., **Edgeley, C.M.**, and vonHedemann, N. (2023). Museum Fire factsheet. Ecological Restoration Institute Fact Sheet: 4p. Available [here](#).
12. Franz, S.T., Colavito, M.M., and **Edgeley, C.M.** (2023). The evolution of wildfire policy governing management of natural ignitions. Ecological Restoration Institute Fact Sheet: 3p. Available [here](#).
11. **Edgeley, C.M.** and Devenport, S. (2023). Reducing human-caused wildfire ignitions on the Carson National Forest. Forest Stewards Guild Fact Sheet: 2p. Available [here](#).
10. Devenport, S. and **Edgeley, C.M.** (2022). Reducing human-caused wildfire ignitions on the Santa Fe National Forest. Forest Stewards Guild Fact Sheet: 2p. Available [here](#).
9. **Edgeley, C.M.** and Devenport, S. (2022). Reducing human-caused wildfire ignitions on the Coconino National Forest. Forest Stewards Guild Fact Sheet: 2p. Available [here](#).
8. Vaughan, D., **Edgeley, C.**, and Han, H.S. (2022). Workforce training needs of forestry contractors in the US Southwest: Results of an industry survey. Ecological Restoration Institute Fact Sheet: 2p. Available [here](#).
7. **Edgeley, C.M.** (2021). Wildfires and health equity. Fairness First blog: Researchers' voices in health equity. Southwest Health Equity Research Collaborative. Available [here](#).
6. Colavito, M.M., Combrink, T., Hjerpe, E., **Edgeley, C.M.**, Burnett, J.T., and Sanchez-Meador, A. (2021). Full Cost Accounting Remeasurement of the 2010 Schultz Fire. Ecological Restoration Institute Fact Sheet: July 2021, 3p. Access it [here](#).
5. **Edgeley, C.M.** and Colavito, M.M. (2021). Maintaining momentum: How can we nurture public support for forest management after fire? Fire Adapted Communities Learning Network blog 2/18/2021. Access it [here](#).
4. Colavito, M.M. and **Edgeley, C.M.** (2020). Local Experiences with the 2019 Museum Fire and Associated Flood Risk. Ecological Restoration Institute Fact Sheet: November 2020. 3pp. Access it [here](#).

3. Paveglio, T. and **Edgeley, C.** (2019). Research Spotlight: Case Studies of Fuel Reduction and Co-Management. Co-Management of Cross-Boundary Fire Risk Transmission Partnership. USDA Forest Service, Rocky Mountain Research Station.
2. Plumb, S. and **Edgeley, C.** (2017). *Living with Fire*. National Forest Foundation: Your National Forests, Summer/Fall 2017: 26-29.
1. **Edgeley, C.M.** (2014). *Twitter and wildfires: Microblogging emergency information*. Institute of Hazard, Risk and Resilience Blog, Durham University.

DATASETS

Juliano, T.W., DeCastro, A., Kosovic, B., and **Edgeley, C.** (2022). WRF-FIRE: East Troublesome Wildfire from Granby, CO. CISL Visualization Gallery, National Center for Atmospheric Research. 9/16/22, available [here](#).

GRANTS AND FUNDING

Co-PI	NSF CHIRRP Planning grant: Increasing resilience to fire through prefire assessments of postfire flow hazards: A partnership with the Yavapai County Flood Control District. 2024-2026. PI: Luke McGuire.	\$197,844
PI	Joint Fire Science Program Graduate Research Innovation award: <i>Perceptions of Ignition Sources and Fire History in Southwestern US Communities</i> . 2023-2024. Student PI: William DeGrandpre.	\$24,975
Co-PI	Joint Fire Science Program Grant: <i>Continued Development of the Southwest Fire Science Consortium FY25-27</i> . 2024-2027. PI: Andi Thode	\$537,000
Co-PI	USDA NIFA HSI grant: <i>Ecological and Social Science Training and Education at the Intersection of Forests, Fires and Floods in a Changing Climate</i> . 2023-2027. PI: G. Koch.	\$477,944
Co-PI	Bipartisan Infrastructure Law funds via USDA Forest Service: <i>Identify and assess needs, values, capacities, and future landscape visions to inform collaborative wildfire risk reduction strategies: Community (Civic) Capacity to adapt to wildfire</i> . 2023-2026. PI: Travis Paveglio.	\$114,999
PI	Joint Fire Science Program grant: <i>Pre-fire planning for post-fire hazards: Barriers and opportunities across jurisdictions</i> . 2023-2026.	\$348,519
PI	Joint Fire Science Program Graduate Research Innovation award: <i>Bucking the suppression status-quo: characterizing a decision-making process to shift fire management paradigms around natural ignitions</i> . 2023-2024. Student PI: Scott Franz.	\$24,964
Co-PI	U.S. Forest Service agreement: Co-management of wildfire risk transmission across boundaries: community pathways for adaptation. 2022-2025. PI: T. Paveglio.	\$57,707
PI	Joint Fire Science Program Graduate Research Innovation grant: <i>Navigating collaborative wildfire risk reduction across boundaries: the influence of policy and science translation</i> . 2022-2023. Student PI: N. Haarmann.	\$24,974
Co-PI	Joint Fire Science Program grant: <i>Developing systematic tools and databases to better support diverse wildfire recovery trajectories</i> . 2022-2025. PI: T. Paveglio.	\$347,304

Co-PI	Joint Fire Science Program grant: <i>Post-fire social-ecological communities: how social and ecological conditions predict post-fire recovery and state transition.</i> 2022-2025. PI: C. Aslan.	\$370,556
Co-PI	Joint Fire Science Program grant: <i>Continuation of the Southwest Fire Science Consortium 2023-2025.</i> 2023 - 2025. PI: A. Thode.	\$570,416
PI	NAU Technology Research Initiative Fund (TRIF) grant: <i>Social and ecological wildfire recovery through assistance programs: a systematic approach to identify unmet needs in Arizona.</i> 2022-2024.	\$90,000
PI	NAU Technology Research Initiative Fund (TRIF) grant: <i>Developing an evidence-based roadmap for state research on community recovery after wildfire.</i> 2022-2023.	\$5,000
PI	National Center for Atmospheric Research & National Science Foundation Early Career Innovator Program Grant: <i>Improving Social Adaptation to Wildfire Events Through Informed Decision-Making: What Role for Atmospheric Models?</i> 2021-2023.	\$399,560
PI	Joint Fire Science Program grant: <i>A Science-Management Partnership to Reduce Human-Caused Large Wildfires in the Southwest.</i> 2021 - 2024.	\$344,540
PI	Natural Hazards Center and NOAA Weather-Ready grant: <i>Improving Weather-Ready Communication During Monsoon Season in the US Southwest to Address Post-Fire Flood Risk.</i> 2021-2022.	\$6,859
PI	NAU TRIF grant: <i>Recovering from wildfires during the COVID-19 pandemic: Case studies from Arizona.</i> 2020-2021.	\$4,986
PI	Ecological Restoration Institute sub-contract: <i>Household well-being survey for ERI "Reanalysis of the Schultz Full Cost Accounting Study: 10 years later" project.</i> 2021-2022.	\$15,361
Co-PI	Joint Fire Science Program grant: <i>Maintaining the Southwest Fire Science Consortium – 2021 Renewal.</i> 2021 - 2023.	\$402,000
PI	Southwest Health Equity Research Center Pilot Project Program Grant: <i>Developing a methodology for exploring health inequities tied to wildfire smoke.</i> 2020 - 2022.	\$60,000
PI	Rural Sociological Society Early Career Award: <i>Logging legacies in rural northern Arizona.</i> 2020 - 2021.	\$3,944
PI	USDA McIntire Stennis-NAU Mission Research grant: <i>Exploring the scale of collective action to address wildfire in the Southwest.</i> 2020 - 2024.	\$178,536
PI	Southwest Health Equity Research Center Grant: <i>Community wildfire recovery and health impacts in Arizona.</i> 2019 - 2021.	\$40,000
PI	Natural Hazards Center Quick Response Grant: <i>Knowledge exchange between disaster recovery organizations after consecutive wildfire events in Northern California.</i> 2019.	\$2,053

PROFESSIONAL PRESENTATIONS

Conference, Workshop, and Meeting Presentations

76. **Edgeley, C.M.** (2025). Building a social science foundation for human-caused wildfire prevention in the Southwest. Arizona Wildland-Urban Interface Summit, October 29th, Prescott AZ.
75. Pope, K., Paveglio, T., and **Edgeley, C.M.** (2025). Exploring NGO participation and roles during community recovery from wildfire. 17th Human Dimensions of WildFire and 9th Safety Summit Conference, October 20-24th, Calgary AB.
74. Brant, C.C. and **Edgeley, C.M.** (2025). Incorporating place into homeowner mitigation education programs: reimagining home ignition zone graphics. 17th Human Dimensions of WildFire and 9th Safety Summit Conference, October 20-24th, Calgary AB.
73. Edgeley, C.M. (2025). Community experiences navigating unmet recovery needs: A case study of smoke damage after the 2021 Marshall Fire. 17th Human Dimensions of WildFire and 9th Safety Summit Conference, October 20-24th, Calgary AB.
72. Busco, A.B., and **Edgeley, C.M.** (2025). Exploring relationships between wildfire events and well-being in northern Arizona. 17th Human Dimensions of WildFire and 9th Safety Summit Conference, October 20-24th, Calgary AB.
71. Franz, S.T. and **Edgeley, C.M.** (2025). Bucking the suppression status quo: incentives to shift the management paradigm on natural ignitions. Biennial Conference of the Colorado Plateau, Flagstaff AZ, September 9-11th.
70. Caruolo, C., Aslan, C., **Edgeley, C.**, Thode, A., Souther, S., Evans, Z., Youberg, A, Stropki, C., Andrews, M., and Gilb, S. (2025). Documenting perceptions of resilience after wildfires across social and ecological contexts: Lessons learned from four workshops in the Southwest. Biennial Conference of the Colorado Plateau, Flagstaff AZ, September 9-11th.
69. **Edgeley, C.M.**, DeGrandpre, W.D., Kohler, G., Busco, A., and Rangel-Lynch, M. (2025). Enforcement as a wildfire prevention tool: public and professional perceptions of state restrictions in the U.S. Southwest. Biennial Conference of the Colorado Plateau, Flagstaff AZ, September 9-11th.
68. Devenport, S.E., **Edgeley, C.M.**, Colavito, M.M., vonHedemann, N. (2025). Resident perceptions of smoke from prescribed fire: A case study of two Flagstaff, Arizona neighborhoods. Biennial Conference of the Colorado Plateau, Flagstaff AZ, September 9-11th.
67. Caruolo, C.D., **Edgeley, C.M.**, and Aslan, C.E. (2025). Connecting wildfire recovery and resilience: insights from six fires in the Southwestern United States. Biennial Conference of the Colorado Plateau, Flagstaff AZ, September 9-11th.
66. Busco, A., and **Edgeley, C.M.** (2025) Community adaptation to wildfire and post-fire flood risk: lessons from northern Arizona. Biennial Conference of the Colorado Plateau, Flagstaff AZ, September 9-11th.
65. Brant, C., and **Edgeley, C.M.** (2025). Exploring gaps in residential mitigation education programs across Arizona. Biennial Conference of the Colorado Plateau, Flagstaff AZ, September 9-11th.
64. **Edgeley, C.M.** (2025). Understanding household adaptation to smoke from wildfires and forest management above and below the Mogollon Rim. Biennial Conference of the Colorado Plateau, Flagstaff AZ, September 9-11th.
63. **Edgeley, C.M.** and Paveglio, T.B. (2025). Factors influencing civic capacity to address wildfire risk in rural communities: insights from Patagonia, AZ. Rural Sociological Society annual meeting, Salt Lake City, UT, July 28- August 2nd.

62. **Edgeley, C.M.** and Paveglio, T.B. (2025). Assessing civic capacity to support Community Wildfire Defense Grants: A case study of Patagonia, AZ. International Association for Society and Natural Resources conference, Vancouver BC, June 8-12.
61. Nelson, M., Radonic, L., and **Edgeley, C.** (2025). Taking Action Together?: Responsibility for Post-Fire Flood Mitigation in a Multi-Jurisdictional Landscape. Society for Applied Anthropology Annual Meeting, Portland OR, March 25-29th.
60. **Edgeley, C.M.** (2024). Fostering fire adapted communities in Arizona. Arizona Wildland Urban Interface Summit, Tucson AZ, December 4-6th.
59. Caruolo, C.D., and **Edgeley, C.M.** (2024). Exploring the influence of uncertainty on relationships between recovery and resilience after six Southwestern wildfires. 4th Southwest Fire Ecology Conference, Santa Fe, NM, November 18-22nd.
58. **Edgeley, C.M.**, DeGrandpre, W., Devenport, S. (2024). Support for Forest Closures and Other Regulations on Public Lands During Periods of High Wildfire Risk. 4th Southwest Fire Ecology Conference, Santa Fe, NM, November 18-22nd.
57. DeGrandpre, W.D., and **Edgeley, C.M.** (2024). Characterizing perceptions of wildfire ignition risks from diverse user groups in Flagstaff, Arizona. 4th Southwest Fire Ecology Conference, Santa Fe, NM, November 18-22nd.
56. Devenport, S.E., and **Edgeley, C.M.** (2024). Navigating wildfire impacts: Investigating risks and losses influence local businesses' involvement in fire prevention. 4th Southwest Fire Ecology Conference, Santa Fe, NM, November 18-22nd.
55. **Edgeley, C.**, Kohler, G., and Devenport, S. (2024). Current challenges and opportunities for the fire prevention workforce: Insights from interviews with specialists in the Southwest. 4th Southwest Fire Ecology Conference, Santa Fe, NM, November 18-22nd.
54. Evans, A., Wood Miller, L., Kohler, G., **Edgeley, C.M.**, Bailey, E. (2024). Geography of unplanned human ignitions in the Southwest. 4th Southwest Fire Ecology Conference, Santa Fe, NM, November 18-22nd.
53. Franz, S.T., Colavito, M.M., and **Edgeley, C.M.** (2024). Flexibility to Feasibility: Policy conditions that support managing wildfire for objectives other than full suppression. 4th Southwest Fire Ecology Conference, Santa Fe, NM, November 18-22nd.
52. vonHedemann, N., Colavito, M., and **Edgeley, C.** (2024). Public experiences with the 2019 Museum Fire and 2021 postfire flooding near Flagstaff, Arizona. 4th Southwest Fire Ecology Conference, Santa Fe, NM, November 18-22nd.
51. Colavito, M., Hjerpe, E., Sanchez Meador, A., Waltz, A., **Edgeley, C.**, Burnett, J., Combrink, T., and Vosick, D. (2024). Documenting and preventing the long-term costs of uncharacteristic wildfire in the American West. 4th Southwest Fire Ecology Conference, Santa Fe, NM, November 18-22nd.
50. Rangel-Lynch, M., and **Edgeley, C.M.** (2024). Community wildfire resilience in Pinetop-Lakeside, Arizona: Characterizing existing efforts and co-producing next steps. 4th Southwest Fire Ecology Conference, Santa Fe, NM, November 18-22nd.
49. Burnett, J.T., and **Edgeley, C.M.** (2024). Rural community preferences for public engagement about forest management on public lands: Insights from a timber sale in Arizona. 4th Southwest Fire Ecology Conference, Santa Fe, NM, November 18-22nd.

48. Franz, S.T., and **Edgeley, C.M.** (2024). Bucking the suppression status quo: Incentives to shift the wildfire management paradigm around natural ignitions. 4th Southwest Fire Ecology Conference, Santa Fe, NM, November 18-22nd.
47. **Edgeley, C.M.** (2024). A review of social science research to advance wildfire adaptation in the Southwestern United States. 4th Southwest Fire Ecology Conference, Santa Fe, NM, November 18-22nd.
46. **Edgeley, C.M.**, and Cannon, W.H. (2024). Understanding recovery experiences and risk perceptions among residents with smoke damaged homes after the 2021 Marshall Fire. International Association of Society and Natural Resources Annual Meeting, Cairns, Australia, 23-27th June.
45. **Edgeley, C.M.**, and Cannon, W.H. (2024). Resident experiences navigating smoke damage after the 2021 Marshall Fire. After the Flames Conference and Workshop, Estes Park, CO, April 15-18th.
44. vonHedemann, N., Colavito, M., and **Edgeley, C.M.** (2024). Public experiences with wildfire and flooding: a case study of the 2019 Museum Fire 2021 flooding near Flagstaff, Arizona. American Association of Geographers Annual Meeting, Hawaii.
43. Nelson, M., Radonic, L., and **Edgeley, C.** (2024) Flooding After Fire: Investigating Stakeholder Interactions in Post-Fire Flood Risk Mitigation. Society for Applied Anthropology Annual Meeting, Santa Fe NM, March 26-30th.
42. **Edgeley, C.M.** and Cannon, W.H. (2023). Exploring the influence of home insurance on recovery trajectories after the 2021 Marshall Fire in Colorado. Association for Fire Ecology 6th International Fire Congress. Monterey CA, December 4-8th.
41. Burnett J.T. and **Edgeley, C.M.** (2023). Working across private boundaries to address wildfire risk: Insights from communities in Yavapai County, AZ. Association for Fire Ecology 6th International Fire Congress. Monterey CA, December 4-8th.
40. **Edgeley, C.M.**, Kohler, G., and Devenport, S. (2023). Current challenges and opportunities for the fire prevention workforce: insights from interviews with specialists in the Southwest. Association for Fire Ecology 6th International Fire Congress. Monterey CA, December 4-8th.
39. Devenport, S. and **Edgeley, C.M.** (2023). Public perceptions of human-caused wildfire prevention strategies: Tailoring approaches to align with recreation use. Association for Fire Ecology 6th International Fire Congress. Monterey CA, December 4-8th.
38. Kohler, G., Wood-Miller, L, Evans, A., **Edgeley, C.**, and Bailey, L. (2023). Geospatial examinations of human-caused ignitions. Association for Fire Ecology 6th International Fire Congress. Monterey CA, December 4-8th.
37. Kohler, G., **Edgeley, C.**, Evans, A., Bailey, L., and Devenport, S. (2023). *A Science-Management Partnership to Reduce Human-Caused Large Wildfires in the Southwest*. Wildland Urban Fire Summit, Ruidoso NM, October 10-13th.
36. **Edgeley, C.M.**, Cannon, W.H., Pearse, S., Kosovic, B., Pfister, G., and Kumar, R. (2023). Improving Social Adaptation to Wildfire Events Through Informed Decision-Making: Key findings. Early Career Innovators PI Symposium, National Center for Atmospheric Research, Boulder CO, August 1st.
35. **Edgeley, C.M.** (2023). Social conflict and cohesion during wildfire recovery: recent insights from five fires in the western U.S. International Association for Society and Natural Resources conference, Portland ME, June 11-16th.

34. Burnett, J.T., and **Edgeley, C.M.** (2023). Considerations for collective action to support community wildfire adaptation at the landscape-level. International Association for Society and Natural Resources conference, Portland ME, June 11-16th.
33. Devenport, S. and **Edgeley, C.M.** (2023). Characterizing attitudes toward human-caused wildfire prevention strategies: A survey of public land users across three National Forests. International Association for Society and Natural Resources conference, Portland ME, June 11-16th.
32. Cannon, W.H., and **Edgeley, C.M.** (2023). Adapting Wildfire Evacuation in Response to Changing Trends in Wildfire Behavior: Community Perceptions from the East Troublesome Fire, CO. International Association for Society and Natural Resources conference, Portland ME, June 11-16th.
31. Colavito, M., Hjerpe, E., **Edgeley, C.**, Burnett, J., Sanchez Meador, A., and Combrink, T. (2023). Full-cost accounting remeasurement of the 2010 Schultz fire: understanding the long-term socio-economic implications of high-severity wildfire and post-wildfire flooding. 45th Council on Forest Engineering meeting, Flagstaff AZ, May 23-25th.
30. **Edgeley, C.M.**, Cannon, W.H., Pearse, S., Kosovic, B., Pfister, G., and Kumar, R. (2023). How are residents' evacuation decision-making processes affected by changing wildfire behavior? Investigating the 2020 East Troublesome Fire in Colorado, USA. International Wildland Fire Conference, Porto, Portugal, May 16-19th.
29. **Edgeley, C.M.**, Cannon, W.H., Pearse, S., Kosovic, B., Pfister, G., and Kumar, R. (2023). Exploring the relationship between wildfire behavior and evacuation decision-making using models: a case study of the 2020 East Troublesome Fire. American Association of Geographers Annual Meeting, Denver CO, March 23-27th.
28. **Edgeley, C.M.** (2023). Tools to support diverse wildfire recovery trajectories. Post-fire workshop, New Mexico State Forestry, Albuquerque NM, 12-13th January.
27. Kohler, G., Devenport, S., **Edgeley, C.**, and Evans, A. (2022). Investigating strategies for reducing human-caused wildfire ignitions on public lands in the Southwest through a science-management partnership. New Mexico Wildland Urban Fire Summit, 16th-19th November, Santa Fe, NM.
26. **Edgeley, C.M.** (2022). Recovering from wildfire in Arizona: Insights and opportunities from social science research after six wildfires. 16th Biennial Conference of Science & Management for the Colorado Plateau & SW Region, 12th-15th September, Flagstaff AZ.
25. Franz, S.T., **Edgeley, C.M.**, Colavito, M.M., and Wasserman, T. (2022). Eras of Wildfire Policy: The History of Federal and Interagency Management of Wildfires for Restoration. 16th Biennial Conference of Science & Management for the Colorado Plateau & SW Region, 12th-15th September, Flagstaff AZ.
24. **Edgeley, C.M.** and Cannon, W.H. (2022). Improving Social Adaptation to Wildfire Events Through Informed Decision-Making: What Role for Atmospheric Models? Early Career Innovators Program Day of Research, National Center for Atmospheric Research, July 27th.
23. Cannon, W.H. and **Edgeley, C.M.** (2022). Indicators of climate change in the "Mother Range": Understanding how diverse social groups identify and measure rapid environmental change around Tucson, AZ. International Association for Society and Natural Resources Annual Meeting, San Jose, Costa Rica, June 26-30th.

22. **Edgeley, C.M.** and Burnett, J.T. (2022). Supporting the advancement of community smoke adaptation: Aligning resources with community context on rural landscapes. International Association for Society and Natural Resources Annual Meeting, San Jose, Costa Rica, June 26-30th.
21. Burnett, J.T. and **Edgeley, C.M.** (2022). How do wildland-urban interface communities approach collective action? Insights for wildfire adaptation from Yavapai County, AZ. International Association for Society and Natural Resources Annual Meeting, San Jose, Costa Rica, June 26-30th.
20. **Edgeley, C.M.** (2022). Supporting community adaptation to smoke from wildfire and forest management in Parks, AZ. Society of American Foresters Northern Arizona Chapter Meeting, March 29th, Flagstaff AZ.
19. **Edgeley, C.M.** (2021). Co-existing with wildfire: challenges and opportunities. Disaster management in the 21st Century session, Bill Anderson Fund Fall Workshop, October 14-16th, Arizona State University [online due to COVID-19].
18. **Edgeley, C.M.** and Burnett, J.T. (2021). Longitudinal community impacts after fire: A restudy of the 2010 Schultz Fire and subsequent flooding. Presentation at the International Symposium on Society and Natural Resources, June 20-24th, Portland OR [Online due to COVID-19].
17. **Edgeley, C.M.** (2021). Local social adaptation to post-fire flood risk: Insights from a decade of experience after wildfires in Flagstaff, Arizona. Presented at the 16th International Wildland Fire Safety Summit and 6th Human Dimensions of Wildland Fire Conference, May 24-27th [Online due to COVID-19].
16. **Edgeley, C.M.**, Colavito, M., and Benning, M.* (2020). Navigating Post-Fire Environments: Resident Experiences Following the 2019 Museum Fire, AZ. Society of American Foresters National Convention, October 29-31 Providence, RI. [Online due to COVID-19].
15. **Edgeley, C.M.** (2020). Understanding the Impact of Frequent Wildfires on Recovery Efforts in Northern California: A Case Study of the 2018 Camp Fire. Presentation at the International Symposium on Society and Natural Resources, June 22-26th, Cairns, Australia [Online due to COVID-19].
14. Paveglio, T.B., Stasiewicz, A.M., and **Edgeley, C.M.** (2020). Understanding support for regulatory approaches to wildfire management and performance of property mitigations on private lands. Accepted presentation at the International Symposium on Society and Natural Resources, June 22-26th, Cairns, Australia. [Online due to COVID-19, July 11-26th].
13. **Edgeley, C.** and Paveglio, T. (2019). Co-management of wildfire across scales: A case study of the Kittitas County Fire Adapted Communities Coalition. 8th International Fire Ecology and Management Congress, 18th-22nd November, Tucson AZ.
12. Essen, M., Williams, D, Nielsen-Pincus, M., Champ, P., Evers, C., **Edgeley, C.**, Paveglio, T., Yung, L., Wyborn, C., Brenkert-Smith, H., Miller, B., Jacobs, D., Riley, J., Ager, A., Carroll, M., and Billings, M. (2019). Approaches to Cross-Boundary Wildfire Risk Governance. 8th International Fire Ecology and Management Congress, 18th-22nd November, Tucson, AZ.
11. Paveglio, T.B. and **Edgeley, C.M.** (2019). Examining support and opposition to fuels reduction projects: The role of local context in the shaping of wildfire adaptation. International Symposium for Society and Natural Resources, June 2nd-7th, Oshkosh, WI.
10. **Edgeley, C.M.** and Paveglio, T. (2018). Exploring understandings of the three-level evacuation warning system for wildfire in central Idaho. Presented at the 15th International Wildland Fire Safety Summit and 5th Human Dimensions of Wildland Fire Conference, December 10-14th, Asheville, NC.

9. Paveglio, T.B., **Edgeley, C.M.**, Stasiewicz, A.M., Carroll, M., and Billings, M. (2018). Evaluating the influence of local social context on the design of “pathways” for achieving Fire Adapted Communities. Presented at the 15th International Wildland Fire Safety Summit and 5th Human Dimensions of Wildland Fire Conference, December 10-14th, Asheville, NC.
8. **Edgeley, C.M.** and Paveglio, T.B. (2018). Resident understandings of a county-level wildfire evacuation warning system in central Idaho. Presented at the 81st Annual Meeting of the Rural Sociological Association, July 26-29th, Portland, OR.
7. **Edgeley, C.M.** and Paveglio, T.B. (2018). Understanding the influence of local context on support for wildfire adaptation. Presented at the International Symposium on Society and Natural Resource Management, June 17th-21st, Snowbird, UT.
6. **Edgeley, C.M.**, Paveglio, T.B., and Stasiewicz, A.M. (2018). Assessing influences on social vulnerability to wildfire using surveys, spatial data and wildfire simulations. Presented at the IAWF/AFE Fire Continuum Conference, May 21-24th, Missoula, MT.
5. **Edgeley, C.M.**, Paveglio, T., and Stasiewicz, A. (2017). Investigating rural alternatives to wildfire evacuation: Intended evacuation behavior in Valley County, Idaho. Presented at the 80th Annual Meeting of the Rural Sociological Association, July 27-30th, Columbus, OH.
4. Paveglio, T., **Edgeley, C.M.**, and Stasiewicz, A. (2017). Assessing vulnerability to wildfire using surveys, spatial data and wildfire simulations. Presented at the International Symposium on Society and Natural Resource Management, June 19-22, Umeå, Sweden.
3. **Edgeley, C.M.** (2016). Community perspectives and recovery from large fires. Science after hours: Fire Perceptions. Palouse-Clearwater Environmental Institute, September 1st, Moscow, ID.
2. **Edgeley, C.M.** and Paveglio, T. (2016). A tale of two valleys: Understanding differential recovery from the Carlton Complex Fire. Presented at the International Symposium on Society and Natural Resource Management, June 22-26, Houghton, MI.
1. Carroll, M.S., Paveglio, T., Stasiewicz, A., and **Edgeley, C.** (2016). Relationships of differences in social context and pathways toward increased community adaptation to wildland fire risk. Presented at the International Symposium on Society and Natural Resource Management, June 22-26, Houghton, MI.

Seminars

5. Colavito, M., **Edgeley, C.**, and vonHedemann, N. (2023). Public Experiences with Wildfire and Flooding: A Case Study of the 2019 Museum Fire near Flagstaff, Arizona. Ecological Restoration Institution pizza lunch, September 18th, Flagstaff AZ.
4. **Edgeley, C.M.**, Cannon, W., Pearse, S., and Kosovic, B. (2023). Leaving it all behind: Evacuation lessons from wildfires in Colorado. NCAR Explorer Series, August 2nd, Boulder CO.
3. **Edgeley, C.M.** (2021). Moving Towards Fire Adapted Communities: Case Studies from Socially Diverse Populations Across the Western US. Department of Biological Sciences Seminar Series, Boise State University, February 25th [online due to COVID-19].
2. **Edgeley, C.** (2019). Social adaptation after wildfire events: Case studies from the western U.S. School of Forestry Seminar Series, Northern Arizona University, December 4th 2019, Flagstaff AZ.
1. **Edgeley, C.** (2019). Community recovery after wildfire: policy and organizational challenges. Department of Politics and International Affairs Seminar Series, Northern Arizona University, October 11th 2019, Flagstaff AZ.

Webinars

6. **Edgeley, C.M.**, Evans, A., Kohler, G., & Devenport, S. (2025). *A Science-Management Partnership to Reduce Human-Caused Large Wildfires in the Southwest*. Southwest Fire Science Consortium webinar, October 15th.
5. Colavito, M. **Edgeley, C.**, and vonHedemann, N. (2023). Public Experiences and Perceptions with Wildfire and Flooding, A Case Study of the 2019 Museum Fire. Southwest Fire Science Consortium Webinar, May 11th.
4. **Edgeley, C.**, Haarmann, N., and Jaramillo-Scarborough, A. (2022). Burned Area Emergency Response teams: Interactions and opportunities during Southwestern monsoon seasons. Natural Hazards Center Weather Ready Research webinar, April 13th.
3. Colavito, M.M., Hjerpe, E., and **Edgeley, C.M.** (2021). Full-Cost Accounting Re-measurement of the 2010 Schultz Fire— Understanding the Long-term Socio-Economic Implications of High-Severity Wildfire and Post-Wildfire Flooding. Southwest Fire Science Consortium Webinar, December 7th.
2. Pavaglio, T.B., Shriner, A.R., and **Edgeley, C.M.** (2021). Designing fire adaptation pathways: One size does not fit all. US Forest Service Cross Boundary Risk Mitigation series webinar, March 24th 2021.
1. **Edgeley, C.M.** (2020). Lessons learned after the flames: Community experiences with three US wildfires. Research You Can Use: Insights from Before, During, and After Wildfire. Fire Adapted Communities Learning Network webinar, August 19th 2020.

Community, agency, and partner presentations

24. **Edgeley, C.M.** (2025). Exploring community wildfire adaptation in the greater Flagstaff area: 2019-2025. Betty Moore Foundation SPARK coffee hour, March 18th [online].
23. **Edgeley, C.M.** (2025). What do we know about resident willingness to adapt to wildfire in Arizona? Presentation to the Arizona Department of Insurance and Financial Institutions Resiliency and Mitigation Council, February 4th, Phoenix AZ.
22. **Edgeley, C.M.** (2025). Adapting to smoke in rural communities. Presentation to the Utah Prescribed Fire Council, January 28th, Salt Lake City, UT/online.
21. Brant, C., Orana, J., and **Edgeley, C.** (2024). Learning to live with wildfire in the White Mountains. White Mountains Nature Center presentation series, November 3rd, Pinetop-Lakeside AZ.
20. **Edgeley, C.** (2024). Investigating community interactions with wildfire. Ales with the Arb (Flagstaff Arboretum event), October 16th, Flagstaff AZ.
19. Colavito, M., **Edgeley, C.**, and vonHedemann, N. (2024). Recent Social Science on Forest and Fire Management from the Greater Flagstaff, Arizona Area. Greater Flagstaff Forest Partnership Meeting, September 18th, Flagstaff AZ.
18. **Edgeley, C.M.** (2024). Navigating wildfire smoke damage: insights from the 2021 Marshall Fire. Fire Adapted Colorado monthly meeting, August 22 2024 [Online].
17. **Edgeley, C.**, Kohler, G, Evans, A., Devenport, S., and DeGrandpre, W. (2024). A Science-Management Partnership to Reduce Human-Caused Large Wildfires in the Southwest. USFS Region 3 Forest-level Fire Management Officer spring meeting, National Advanced Fire and Resource Institute, Tucson, AZ, March 27th.
16. Colavito, M. **Edgeley, C.**, and vonHedemann, N.(2024). Recent Social Science on Forest and Fire Management from the Greater Flagstaff, Arizona Area. Coconino National Forest Leadership Meeting, Flagstaff AZ, February 14th

15. Colavito, M. **Edgeley, C.**, and vonHedemann, N.(2024). Recent Social Science on Forest and Fire Management from the Greater Flagstaff, Arizona Area. Flagstaff City Council Meeting, Flagstaff AZ, February 13th
14. Haarmann, N. and **Edgeley, C.** (2024). Policy and Science Translation Through Collaboration: A Case Study of the 2-3-2 Partnership. 2-3-2 Cohesive Strategy Partnership Meeting, Abiquiu, NM, February 7th.
13. Edgeley, C.M. (2023). Two decades of wilderness stewardship at Northern Arizona University. Northern Arizona chapter of the Old Broad for Wilderness, October 23rd, Flagstaff, AZ.
12. **Edgeley, C.M.** (2023). Adapting to smoke in the Flagstaff Area: survey and interview findings from Parks and the Highlands Fire District. Greater Flagstaff Forests Partnership meeting, July 19th, Flagstaff AZ.
11. Colavito, M., **Edgeley, C.**, and vonHedemann, N.(2023). Recent Social Science Findings from Arizona. Four Forests Restoration Initiative stakeholder meeting, June 28th, Flagstaff AZ.
10. **Edgeley, C.M.** (2022). Fire on the mountain: What have recent wildfires in the Flagstaff area taught us about our community? Science on Tap Flagstaff, November 10th, Flagstaff AZ.
9. **Edgeley, C.M.** (2022) Working across boundaries to address post-fire flood risk: Lessons from Arizona. Interagency post-wildfire coordination group quarterly meeting, June 13th, online.
8. Burnett, J.T. and **Edgeley, C.M.** (2021). Yavapai Firewise: Challenges and opportunities for expansion. Presentation to Yavapai Firewise, November 4th [online due to COVID-19].
7. **Edgeley, C.M.** (2021). Considering social diversity in WUI communities for fire management. Flagstaff TREX (Prescribed Fire Training Exchange), Flagstaff AZ, October 31st.
6. Burnett, J.T. and **Edgeley, C.M.** (2021). Yavapai Firewise: Challenges and opportunities for expansion. Presentation to the Yavapai Firewise Executive Board, October 21st [online due to COVID-19].
5. **Edgeley, C.M.** (2021). Adapting to smoke in Parks, AZ: survey and interview findings. Kaibab National Forest Leadership Team Meeting, Williams AZ, September 15th [online due to COVID-19].
4. **Edgeley, C.M.**, Colavito, M.M., and Burnett, J.T. (2021). Full Cost Accounting Remeasurement of the 2010 Schultz Fire: Survey findings. Presentation to Coconino County, June 15th, Flagstaff AZ [Online due to COVID-19].
3. **Edgeley, C.M.** and Colavito, M. (2020). Local Experiences with the 2019 Museum Fire and Associated Flood Risk: A Survey of Flagstaff-Area Residents. Presented at the Greater Flagstaff Forests Partnership Partners Meeting, June 15th 2020, Flagstaff AZ.
2. **Edgeley, C.M.** and Colavito, M. (2020). Resident experiences with the Museum Fire: 2019 survey findings. Presentation to the Ponderosa Fire Advisory Council, 4/8/2020, Flagstaff AZ.
1. **Edgeley, C.M.** and Colavito, M. (2020). Resident experiences with the Museum Fire: 2019 survey findings. Presentation to the Flagstaff Watershed Protection Project team, 2/25/2020, Flagstaff AZ.

Poster presentations

25. McGuire, L., Youberg, A.M., **Edgeley, C.M.**, Neha, G., Crowder, C.A., and Fernandez Sirgo, A. I. (2025). Assessing postfire flow hazards before a fire begins: Challenges and Opportunities. Geological Society of America Annual Meeting, San Antonio, TX, 19-22 October.
24. Rangel-Lynch, M., Busco, A., **Edgeley, C.**, West, L.J., and Thode, A. (2024). Accelerating Community Resilience to Wildfire via the Arizona Wildfire Initiative. 4th Southwest Fire Ecology Conference, Santa Fe, NM, December 18-22nd.

23. Busco, A. and **Edgeley, C.M.** (2024). Comparing evacuation planning for wildfire and post-fire flood risk: Insights from Northern Arizona. 4th Southwest Fire Ecology Conference, Santa Fe, NM, December 18-22nd.
22. Caruolo, C.D., **Edgeley, C.M.**, and Paveglio, T.B. (2024). Navigating the complexities of federal wildfire recovery assistance: A collaborative database solution. 4th Southwest Fire Ecology Conference, Santa Fe, NM, December 18-22nd.
21. McCormick, M., Brant, C., and **Edgeley, C.** (2024). Advancing Watershed Resilience in Fire-Prone Areas: A Collaborative Brainstorm Experience. After the Flames Conference and Workshop, Estes Park, CO, April 15-18th.
20. Devenport, S.E. and **Edgeley, C.M.** (2023). Wildfire impacts to local businesses: Exploring outcomes and solutions in Flagstaff, Arizona. Association for Fire Ecology 6th International Fire Congress. Monterey CA, December 4-8th.
19. Haarmann, N. and **Edgeley, C.M.** (2023). Negotiating best available science versus best available knowledge through fire focused collaboratives. Association for Fire Ecology 6th International Fire Congress. Monterey CA, December 4-8th.
18. Cannon, W.H. and **Edgeley, C.M.** (2023). Factors influencing evacuation decision making during fast moving wildfire events: A case study of two Colorado fires. Association for Fire Ecology 6th International Fire Congress. Monterey CA, December 4-8th. [2nd place in student poster competition].
17. Devenport, S.E., **Edgeley, C.M.**, and Zamudio, Z.M.* (2023). How does fire weather affect recreation? A survey of public land users across three southwestern national forests. NCAR|UCAR|UCP Summer Student Research Poster Symposium, Boulder CO, August 3rd.
16. Cannon, W.H., and **Edgeley, C.M.** (2023). Influences of Social and Environmental Cues on Evacuation Decision-Making: A Comparative Case Study of Two Colorado Fires. NCAR|UCAR|UCP Summer Student Research Poster Symposium, Boulder CO, August 3rd.
15. **Edgeley, C.M.**, Evans, A., Devenport, S., and Kohler, G. (2023). Reducing Human-Caused Wildfire Ignitions: Using Social Science to understand Risk Management Preferences in the U.S. Southwest. International Wildland Fire Conference, Porto, Portugal, May 16-19th.
14. Moomjian, H.* , Jorde, H., and **Edgeley, C.** (2023). Trail count in progress: Assessing trail use in Sedona and Oak Creek. NAU Undergraduate Research Symposium, April 25th, Flagstaff AZ.
13. Becdach, R. E., K. Crouch, E. Meisman, K. Larson, A. Goldman, C. Chambers, M. DeJong, V. Titus, **C. Edgeley**, M. Gunther, and H. Y. Wan. (2023). Gender equity and inclusion in wildlife sciences. Annual Meeting of The Wildlife Society – Western Section. Riverside, CA. February 6-10th.
12. Burnett, J.T. and **Edgeley, C.M.** (2022). Resident mitigation for post-fire flooding: Lessons learned for collective action from the 2010 Schultz Fire. 16th Biennial Conference of Science & Management for the Colorado Plateau & SW Region, 12th-15th September, Flagstaff AZ.
11. Devenport, S.E., **Edgeley, C.M.**, and Zamudio, Z.M.* (2022). Reducing Human-Caused Wildfire: A Survey of Recreationists on Two Southwestern National Forests. 16th Biennial Conference of Science & Management for the Colorado Plateau & SW Region, 12th-15th September, Flagstaff AZ.
10. **Edgeley, C.M.** and Burnett, J.T. (2022). A methodology for identifying and addressing inequities associated with smoke from wildfire and prescribed fire. Southwest Health Equity Research Collaborative NIH Poster Presentation and Reception, Flagstaff AZ, August 17th.

9. **Edgeley, C.M.** (2021). A methodology for identifying and addressing inequities associated with smoke from wildfire and prescribed fire. Southwest Health Equity Research Collaborative Poster Presentation and Reception, Flagstaff AZ, December 8th.
8. **Burnett, J.T.** and **Edgeley, C.M.** (2021). Indicators of collective action to address post-fire flooding: Exploring the influence of perceptions, actions, and impacts ten years after the Schultz Fire. 16th International Wildland Fire Safety Summit and 6th Human Dimensions of Wildland Fire Conference, May 24-27th [Online due to COVID-19].
7. Alder, A.* and **Edgeley, C.M.** (2021). Understanding household reflections/experiences after wildfire: What can open-ended survey comments tell us?. NAU Undergraduate Research Symposium, April 20th, Flagstaff AZ.
6. **Edgeley, C.M.**, **Burnett, J.T.** and **Sichrovsky, M.J.*** (2020). Community Well-Being and Landscape Change following Wildfire Events in Rural Arizona. International Symposium on Society and Natural Resources, June 22-26th, Cairns, Australia. [Online due to COVID-19, July 11-26th]
5. Benning, M.* and **Edgeley, C.M.** (2020). The 2019 Museum Fire and Landscape Attachment in Flagstaff: Resident Perspectives. NAU Undergraduate Research Symposium, April 24th, Flagstaff AZ.
4. Paveglio, T., **Edgeley, C.**, Carroll, M., and Billings, M. (2019). From checkers to chess: Case studies of local context and wildfire adaptation. CoMFR North Central Washington Wildfire Risk Workshop, October 16-17th, Wenatchee, WA.
3. **Edgeley, C.M.** and Paveglio, T. (2017). Rural community recovery and assistance following large wildfires. 80th Annual Meeting of the Rural Sociological Association, July 27-30th, Columbus, OH.
2. **Edgeley, C.M.**, Paveglio, T.B., Prato, T., and Nalle, D. (2017). Evaluating Characteristics of Social Vulnerability to Wildfire in Flathead County, MT. Fire Resilient Communities Conference, June 6-8, 2017, Sun Valley Institute of Resilience, Ketchum, ID.
1. **Edgeley, C.M.**, Paveglio, T.B., Prato, T., and Nalle, D. (2016). Evaluating Characteristics of Social Vulnerability to Wildfire in Flathead County, MT. Northern Idaho GIS Day, November 16th, University of Idaho, Moscow, ID.

Panel discussions

3. Berry, A., **Edgeley, C.**, Brooks, J. (2025). Solving for zone zero in Marin County. Marin Community Foundation Zone Zero Workshop panel, April 24th, [Hybrid].
2. Chapman, N., Nez, J., Waltz, A., **Edgeley, C.**, Beers, R., and McGrath, M. (2022). Wildfire Risk Reduction Challenges & Solutions for the Greater Flagstaff Area. Flagstaff Festival of Science, October 1st, Flagstaff AZ.
1. Hansen, W., Hiugera, P., **Edgeley, C.M.**, and Ginsberg, J. (2021). Wildfire in the Western US: Causes, consequences, and adaptation. Cary Science Conversations webinar panel discussion, Cary Institute for Ecosystem Sciences, Millbrook NY, September 16th [online due to COVID-19].

TEACHING

Instructor

NAU	FOR 511 Getting Started in Graduate Studies (1cr)	S 2025
	FOR 460 Human Dimensions of Forestry (3cr)	S 2024
	FOR 432 Social Data in Forestry (3cr)	F 2023–2024
	FOR 532 Social Research Methods in Forestry (3cr)	F 2023–2024
	FOR 361 Natural Resource Policy for Professionals (3cr) - <i>odd years</i>	W 2021–2023

	FOR 444 Wilderness Management for Professionals (3cr) - <i>even years</i>	F 2020–2024
	FOR 445 Wilderness Management (3cr)	F 2019–2024
	FOR 697 Communities and Wildfire in the American West (3cr)	F 2020, 23, S 25
	FOR 360 Natural Resource Policy (3cr)	S 2020-2022
	FOR 483 Forestry in the Wildland-Urban Interface (3cr)	S 2020-2022
Univ. Idaho	NRS 498 Internship: Social Science Research (2cr)	Spring 2018
	NRS 310 Social Science Research Methods in Natural Resources (4cr)	Fall 2017
	FOR 484 Forest Policy and Administration (2cr)	Spring 2016
Teaching Assistant	NRS 311 Public Involvement in Natural Resource Management (3cr)	Fall 2017
	NRS 387 Environmental Communication Skills (3cr)	Spring 2017
Guest Speaker		
NAU	FOR 451 Fire Ecology and Management: <i>Community wildfire adaptation</i>	Spring 2025
	BIO 499 ESSTE: <i>Understanding Community adaptation to wildfire</i>	Spring 2025
	FOR 551 Fire Ecology and Management: <i>Communities and fire</i>	Fall 2024
	PRM 383 Community and Commercial Recreation: <i>Public lands and fire</i>	Fall 2022
	IH 601 Methods in Interdisciplinary Health Research: <i>Smoke impacts</i>	Fall 2022
	FOR 423C Capstone: <i>Assessing qualitative values in forestry</i>	Spring 2022
	FOR 690 Research Methods: <i>Social Science Research Methods</i>	Fall 2020, '22
	FOR 503 Fire ecology: <i>Social considerations for fire ecology</i>	Fall 2020
	FOR 101 Introduction to Forestry: <i>Human dimensions of wildfire</i>	Spring 2020
	FOR 215 Writing in Forestry: <i>People and wildfire smoke</i>	Fall 2019
Univ. Idaho	NRS 484 Forest Policy and Governance: <i>Wildfire and smoke mgmt.</i>	Spring 2019
	NRS 235 Society and Natural Resources: <i>Human communities in the WUI</i>	Fall 2018
	REM 501 Fire Science Forum: <i>Social dimensions of wildfire evacuation</i>	Fall 2017
	NRS 235 Society and Natural Resources: <i>International public lands</i>	Fall 2016
	NRS 235 Society and Natural Resources: <i>Ecosystem services</i>	Fall 2016
	NRS 310 Social Science Research Methods in Natural Resources: <i>Approaches to survey research and administration</i>	Fall 2016
SJSU	ENVS/PS 124 Wilderness in the United States	Fall 2020, '21

ADVISING AND SUPERVISION

Chair or co-chair

Current

2024 -	Cole Brant	M.S. Forestry
2024 -	Amanda Busco	M.S. Forestry
2022 -	Cara Caruolo	Ph.D. Forest Science

Graduated

2023 -2025	William DeGrandpre	M.F. Forestry	
2020 - 2024	Jack Burnett	Ph.D. Forest Science	
2022 - 2024	Sarah Devenport	M.S. Forestry	
2022 - 2023	Hayden Jorde	M.F. Forestry	
2021 - 2023	Scott Franz	M.S. Forestry	Co-chaired with Melanie Colavito
2021 - 2023	Noah Haarmann	M.S. Forestry	

2019 - 2022	William Cannon	M.S. Geography	Co-chaired with Brian Petersen
2019 - 2020	McKenna Hedgepeth	M.S. Forestry	Co-chaired with Ching Hsun Huang
2019 - 2020	Jack Burnett	M.F. Forestry	

Committee member, reader, or external reviewer

In progress	Elena Doss	Ph.D. Natural Resources	Chair: Travis Paveglio, <i>U. Idaho</i>
In progress	Kathryn Pope	Ph.D. Natural Resources	Chair: Travis Paveglio, <i>U. Idaho</i>
In progress	Anna Vaughn	Ph.D. Env. Science	Chair: Diana Stuart & Alark Saxena, <i>NAU</i>
In progress	Rose Shriner-Beaton	Ph.D. Natural Resources	Chair: Travis Paveglio, <i>U. Idaho</i>
2024 - 2025	Cole Lang	M.F. Forestry	Chair: Jim Allen, <i>NAU</i>
2024 - 2025	Luke Ritter	M.F. Forestry	Chair: Derek Uhey, <i>NAU</i>
2023 - 2025	Miriam Nelson	M.A. Anthropology	Chair: Lucero Radonic, <i>NAU</i>
2023 - 2025	Christian Tensuan	M.S. Env. Science	Chair: Amanda Stasiewicz, <i>U. Oregon</i>
2022 - 2024	Kathryn Pope	M.S. Natural Resources	Chair: Travis Paveglio, <i>U. Idaho</i>
2022 - 2024	Juliet Smith	M.S. Forestry	Chair: Jim Allen, <i>NAU</i>
2022	Tina Elliott	MEM Env. Management	Chair: Maureen Reed, <i>U. Saskatchewan</i>
2021 - 2022	Elli Morris	M.F. Forestry	Chair: Alark Saxena, <i>NAU</i>
2021	Anastacia Lopez	M.F. Forestry	Chair: Jim Allen, <i>NAU</i>

Advisor or supervisor

2023 - 2024	Helena Moomjian	B.S. Geography	Interns 2 Scholars Researcher
2022 - 2024	Zoë Zamudio	B.S. Forestry	Undergraduate Research Assistant
2020 - 2022	Margaret Sichrovsky	B.S. Forestry	Undergraduate Research Assistant
2020 - 2021	Amber Hinkle	B.S. Forestry	Undergraduate Research Assistant
2020 - 2021	Noah Haarmann	B.S. Forestry	Undergraduate Research Assistant
2020 - 2021	Astrid Alder	B.S. Env. Science	Interns 2 Scholars Researcher
2020 - 2021	Solena Daniels	B.S. Forestry	Undergraduate Research Assistant
2020	Megan King	B.S. Forestry	Undergraduate Research Assistant
2020	Maxwell Benning	B.S. Anthropology	Undergraduate Researcher

AWARDS, HONORS AND SCHOLARSHIPS

2021 - 2024	Early Career Faculty Innovator Fellow, National Center for Atmospheric Research
2021	Researcher of the Year, NAU School of Forestry
2021	Teacher of the Year, NAU Xi Sigma Pi Chapter
2019	Outstanding Graduate Student (Ph.D.) Award, Dept. Natural Resources and Society
2018	Alumni Award for Excellence, University of Idaho
2018	Outstanding Doctoral Research and Creative Activity Award, University of Idaho
2018	Doctoral Finishing Fellowship, UI College of Natural Resources (\$12,981)
2018	Outstanding Doctoral Student Award, University of Idaho Graduate and Professional Student Association
2017	Xi Sigma Pi Natural Resources Honors Society inductee
2017	Second place, Rural Sociological Society Annual Meeting Poster Competition

SERVICE AND OUTREACH

Peer Review 2017 - present

Applied Geography, Applied Science, Energy Research and Social Science, Environmental Hazards: Human and Policy Dimensions, Environmental Management, Environmental Research Letters, Environmental Science and Pollution Research, Fire, Fire Ecology, Forest Policy and Economics, Forests, Global Environmental Change, International Journal of Disaster Risk Reduction, International Journal of Disaster Risk Science, International Journal of Wildland Fire, Journal of Environmental Management, Landscape and Urban Planning, Land Use Policy, Natural Hazards Review, NPJ Climate Action, Oregon State University Extension, PLoS One, Resources, Rural Sociology, Science of the Total Environment, Society and Natural Resources.

Grant review

2025	National Science Foundation: Decision, Risk, and Management Sciences subdivision
2024	USDA National Institute of Food and Agriculture
2024	Joint Fire Science Program primary call
2023 - 2024	Joint Fire Science Program Graduate Research Innovation Award
2023	USGS Southwest Climate Adaptation Science Center
2022	NSF-NCAR Early Career Innovators Program
2022	Swiss National Science Foundation
2020	MacArthur Foundation Fellowship Program

Professional Service

2024 -	Board of Directors, Association for Fire Ecology
2024 -	Associate Editor, <i>International Journal of Wildland Fire</i>
2024 -	Associate Editor, <i>Fire Ecology</i>
2024 -	Associate Editor, <i>Forest Science</i>
2019 -	Board member, Southwest Fire Science Consortium
2023 - 2025	Community Resilience advisor, Arizona Wildfire Initiative
2024 - 2025	Reviewer, Arizona After the Flames Recovery Guide
2022	Subject matter expert reviewer, Federal Wildland Fire Mitigation and Management Commission <i>Post Fire</i> briefing paper
2022	Coordinator search committee, Southwest Fire Science Consortium
2021 - 2022	Editorial Board member, <i>Fire</i>
2021	NSF <i>Wildfire and the Biosphere Innovation Lab</i> participant
2019 - 2021	Associate Editor, <i>Fire</i>
2019 - 2021	Chair, Natural Resources Research Interest Group, Rural Sociological Society
2018 - 2019	Co-chair, Natural Resources Research Interest Group, Rural Sociological Society
2017 - 2018	Committee member, Research Interest Groups Committee, Rural Sociological Society
2017 - 2018	Student rep., Natural Resources Research Interest Group, Rural Sociological Society

Northern Arizona University

2023 -	Graduate Coordinator, School of Forestry
2023 -	Faculty Advisor, Forestry Graduate Student Association
2023 -	University Graduate Committee
2019 -	Coordinator, Human Dimensions of Forestry undergraduate certificate
2021 - 2023	School of Forestry Curriculum Committee member
2022 - 2023	Faculty Senate Representative, Council on Faculty Rights and Responsibilities
2020 - 2023	Senator, Faculty Senate
2022	Chair, School of Forestry Mission Research Board proposal reviews
2020 - 2022	Faculty Senate Representative, University Library Committee
2019 - 2022	Faculty Advisor, NAU Forestry Club

2022	Assistant Teaching Professor search committee, School of Forestry
2022	Sr. Research Associate search committee, Ecological Restoration Institute
2021	Lecturer search committee, School of Forestry
2020	Undergraduate Curriculum Change Committee, School of Forestry
2020	Director of Policy and Communications search committee, Ecological Restoration Institute
2020	Reviewer, NAU Undergraduate Research Symposium
2020	Reviewer, Hooper Undergraduate Research Award proposals
2020	Ph.D. Comprehensive Exams Ad-Hoc Committee, School of Forestry

University of Idaho

2018	Teaching Excellence and Graduate Achievement Awards Committee
2018	Senator, Graduate and Professional Student Association
2015 - 2018	Thesis reviewer for B.S. Ecology and Conservation Biology program
2017	Promotion Review Committee Member, Dept. Natural Resources and Society
2015 - 2017	Department Graduate Student Representative, Dept. Natural Resources and Society
2016	Administrative Assistant Search Committee, Dept. Natural Resources and Society
2015	Tenure Review Committee Member, Dept. Natural Resources and Society
2015	Forest Economist Faculty Search Committee, Dept. Natural Resources and Society

Community Service

2023	Second round interview panel member for the City of Flagstaff Community Risk Reduction Specialist
2020 - 2021	GFFP Coconino County wildfire website subteam
2020	GFFP Fire Adapted Communities Learning Network projects/plan 2021 working group

Conference and Workshop Leadership

Organized sessions

Brant, C. and **Edgeley, C.** (2024). Rethinking Firewise Materials for Non-Forested Ecosystems. Workshop for the Arizona Wildland Urban Interface Summit, Tucson AZ, December 4-6th.

DeGrandpre, W.D., **Edgeley, C.M.**, and Devenport, S.E. (2024). Reducing human-caused large wildfires in the Southwest: insights from a science management partnership. 4th Southwest Fire Ecology Conference, 18-22nd November, Santa Fe, NM.

Edgeley, C.M. (2024) Community adaptation to wildfire in the Southwest: emerging research and practice. 4th Southwest Fire Ecology Conference, 18-22nd November, Santa Fe, NM.

Edgeley, C.M. (2023) Reducing human-caused wildfire ignitions in the Southwest: Early insights from an iterative research process. Special session at the Association for Fire Ecology 6th International Fire Congress. Monterey CA, December 4-8th.

Emard, K., Ajibade, I., **Edgeley, C.**, Wölfl Hazard, C., and Ash, K. (2023). Climate Science and Environmental Justice Research, Methodologies, and Praxis. Series of three sessions held at the Association for American Geographers Annual Meeting, Denver CO, March 23-27th.

Kohler, G., Devenport, S., **Edgeley, C.**, and Evans, A. (2022). Investigating strategies for reducing human-caused wildfire ignitions on public lands in the Southwest through a science-management partnership. New Mexico Wildland Urban Fire Summit, 16th-19th November, Santa Fe, NM.

Edgeley, C., and Emard, K. (2022). Household survey development skills workshop. National Center for Atmospheric Research Innovators Program summer meeting, July 28th.

- Fulé, P., **Edgeley, C.**, Mack, M., Sieg, C., and Ganey, J. (2019). Frontiers of Wildfire on the Colorado Plateau: Ecology, Management, Society. 15th Biennial Conference of Science & Management for the Colorado Plateau & SW Region, 9-12th September, Flagstaff AZ.
- Buday, A., **Edgeley, C.**, and Sketch, M. (2019). Professional development roundtables", 82nd Annual Rural Sociological Society Meeting, 2-7th August, Richmond, VA.
- Edgeley, C.** and Buday, A. (2018). Wildfire impacts, recovery, and resilience in the rural West, 81st Annual Rural Sociological Society Meeting, July, Portland, OR.
- Pruitt, L., Buday, A., **Edgeley, C.**, Bryant, D. (2018). *Best of the West* mini-conference, 81st Annual Rural Sociological Society Meeting, Portland OR. [Received competitive \$3,000 Programming Award].

Other organization

- 2025 Planning committee, 17th International Wildland Fire Safety Summit and 7th Human Dimensions of Wildland Fire Conference, Calgary, AB
- 2024 Panel moderator, "Pre-fire planning for post-fire recovery," Arizona WUI Summit, Tucson, AZ
- 2024 Planning committee, 4th Southwest Fire Ecology Conference, Santa Fe, NM
- 2023 Co-organizer, Early Career Innovators PI symposium, National Center for Atmospheric Research
- 2020 Co-organizer, "Social-ecological systems in rural Colorado" field trip. 83rd Annual Rural Sociological Society Meeting, Denver CO. [Received competitive \$800 Programming Award, canceled due to COVID-19]
- 2018 Discussion facilitator, "The past, present, and future of long-term vegetation recovery," Central Idaho Fire and Fuels workshop, Joint Fire Science Program and Northern Rockies Fire Science Network, McCall ID.
- 2018 Session chair, "Wildfire impacts, recovery, and resilience in the rural West," 81st Annual Rural Sociological Society Meeting, Portland OR.
- 2017 Discussion facilitator, "Applications of virtual landscapes for fire management," Fire Resilient Communities Conference, Sun Valley Institute of Resilience, Ketchum ID.
- 2014 Coordinator, Summer Seminar Series, Institute of Hazard, Risk and Resilience, UK

Additional qualifications and trainings

- 2024 Entering Mentoring program, Northern Arizona University
- 2023 National Center for Faculty Development and Diversity Faculty success program
- 2022 Southwest Decision Resources facilitation training
- 2022 Firewise Assessor certification
- 2019 NOLS Wilderness First Aid certification

MEDIA COVERAGE

- Hope, D. (Spring 2025). School of Forestry podcast series: Forest, Fire, and Futures. Northern Arizona University. Available [here](#).
- Siegler, K. 12/19/2023. Why 2023 has been such an unusual and tragic year for wildfires. NPR's *All Things Considered*. National Public Radio. Available [here](#).
- McMurtry, J. 8/3/2023. Daily Newscast: NCAR explorer series coverage of East Troublesome and Marshall Fires. Colorado Public Radio.
- Yoo, H. 6/1/2023. Trial by Fire: How students and faculty in the School of Forestry are leading the charge to wildfire resiliency. Pine: The Alumni Magazine of Northern Arizona University. Spring 2023. Available [here](#).
- Martins, J. 5/26/2022. NIFA-Funded Research Strengthens Tools for Wildfire Management, Adaptation and Recovery. National Institute of Food and Agriculture. Available [here](#).

NAU. 3/30/2022. 10 ways NAU is making the West more resilient to wildfires. NAU Review. Available [here](#).

Riley, G. 2/16/2022. A personality study of Paradise after the Camp Fire. NPR Jefferson Public Radio, The Jefferson Exchange. Available [here](#).

Toth, H. 1/27/22. "After a wildfire, how does a town rebuild?" NAU Review. Available [here](#).

Syed, Z. 11/29/2021. "How the Schultz Fire reveals long-term costs of big wildfires, from floods to habitat loss." Arizona Republic. Available [here](#).

Sevigny, M. 10/3/2021. "Anxiety hangs over Arizonans facing impending climate disasters" Radio interview, NPR All Things Considered. Available [here](#).

Sevigny, M. 9/15/2021. "Climate anxiety takes a toll as Flagstaff residents brace for a fiery future" Radio interview, KNAU. Available [here](#).

Marcello, M. 6/22/2021. "La Sal Mountain Elegies: Pack Creek Fire, June 2021." Radio interview, KZMU Moab Community Radio. Available [here](#).

Walling, J. 6/2/2021. "To stay or go? NAU forestry professor receives grant to investigate human decision-making to better inform wildfire evacuation." NAU News. Available [here](#).

Buffon, S. 12/2/20. "New survey suggests some Flagstaff residents are confused about evacuation systems, based on Museum Fire." Arizona Daily Sun. Available [here](#).