

## Dr. Jeremiah D. Osborne-Gowey

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### EDUCATION

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2021	Doctor of Philosophy (PhD), Department of Environmental Studies (ENVS), University of Colorado Boulder (CU), Emphasis: Environment and Behavior (mixed methods)
2015	Master of Public Policy (MPP), Public Policy Program, Oregon State University (OSU), Emphasis: Science and Technology Policy (social science and econometric methods)
2006	Master of Science (MS), Fisheries, Wildlife and Conservation Sciences, OSU, Emphasis: Quantitative Fish Ecology and Complex Systems Science
2003	<i>Honors</i> Bachelor of Science ( <i>cum laude</i> ), Department of Fisheries, Wildlife and Conservation Sciences, OSU, Emphasis: Quantitative Fish Ecology and Statistics
1997-1998	Umpqua Community College (no degree), Emphasis: Wildlife Biology and Business Management
1994-1995	Hawaii Pacific University (no degree), Emphasis: Marine Biology
1993-1994	Diploma for Advanced High School Seniors, Umpqua Community College, Emphasis: Wildlife Biology

### ACADEMIC EMPLOYMENT HISTORY

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#### *Arizona State University*

2025-Present	Associate Research Scientist, Drs. Alexandra Brewis and Amber Wutich, Arizona Water Innovation Initiative, Global Futures Laboratory, School of Human Evolution and Social Change, Arizona State University, Tempe, AZ
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#### *Texas A&M University*

2023-2025	Postdoctoral Research Associate, Dr. Wendy Jepson, Department of Geography, Texas A&M University (TAMU), College Station, Texas
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#### *University of Colorado Boulder*

2024-Present	Research Associate, Environment and Society Program, Institute of Behavioral Science (IBS), University of Colorado Boulder (CU Boulder)
2023	Research Manager, Center for the Governance of Natural Resources, IBS, CU Boulder
2023-Present	Research Affiliate, Center for Social and Environmental Futures (C-SEF), Cooperative Institute for Research in Environmental Sciences (CIRES), CU Boulder
2022-Present	Instructor / Lecturer, Department of Environmental Studies (ENVS), CU Boulder
2021-2022	Instructor, Residential Academic Programs, CU Boulder
2019-2021	Graduate Research Assistant, Drs. Amanda Carrico and Maxwell Boykoff, ENVS
2018-19, 2021	Graduate Teaching Assistant, ENVS 1000 and 1001
2014-2020	Teaching Program Lead, Center for Teaching and Learning and ENVS
2014-2018	Graduate Teaching Assistant, Environmental Design (ENVD) 3003, 3122 and 3134

#### *Oregon State University, Corvallis, OR*

2012-2014	Lead Graduate Teaching Assistant, Department of Sociology
2012-2014	Graduate Research Assistant, Dr. Brent Steel's political science and renewable energy policy lab

*Remington College, Little Rock, AR*

2006-2007 Adjunct Faculty Instructor in Environmental Sciences

## **OTHER RELEVANT EMPLOYMENT HISTORY**

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- 2011-2016 Aquatic/Landscape Ecologist, Feather River Consulting
- Full time from 02/2011 through 08/2013, three-quarter time from 09/2013 through 11/2014, half-time from 12/2014 through 12/2016
  - Developed landscape-level socio-ecological models integrating human land use patterns with aquatic habitat connectivity using R and Python programming
  - Managed enterprise-level databases using MySQL and noSQL and developed custom data visualization dashboards for visualizing complex social-ecological datasets
  - Conducted stakeholder engagement workshops in conjunction with State agencies to incorporate community input into landscape management planning and analysis
  - Performed quantitative analysis of water quality data and aquatic habitat parameters for regulatory compliance assessments
  - Created predictive models for fish habitat suitability and population dynamics across multiple river systems
  - Provided quantitative expertise and analytical planning support to multidisciplinary project teams across multiple concurrent large-scale assessments
- 2009-2011 Aquatic/Landscape Ecologist, Conservation Biology Institute, Corvallis, OR
- Full time from 02/2009 through 01/2011
  - Led computational modeling efforts for rapid ecological assessments of the Sonoran Desert and Colorado Plateau ecoregions under different land management scenarios
  - Created ecoregion-level socio-hydrological models assessing impacts of future water inputs and human development on biodiversity conservation
  - Developed and managed the Data Basin Aquatic Conservation Center, creating web-based data visualization platforms and advanced, interactive GIS mapping applications
  - Coordinated data management and analysis protocols for multi-institutional research teams
  - Conducted statistical inference and data analysis for large-scale biodiversity and conservation planning initiatives
  - Served as principal data manager for collaborative datasets spanning multiple institutions and research teams
  - Developed robust code documentation and version control protocols for reproducible analysis workflows across large-scale conservation projects
- 2007-2009 Ecologist (Landscape/Aquatic), Duck Creek Associates, Inc., Corvallis, OR
- Full time from 01/2007 through 01/2009
  - Conducted watershed-scale computational modeling and statistical analysis for forest management planning, land use development, and public-private land parcel exchanges using advanced GIS and statistical software
  - Integrated human land use data with ecological assessments to model socio-environmental impacts of forestry practices
  - Performed data analysis and visualization for the Wilson River Watershed Analysis (lead author and technical editor) and the Grande Ronde River Watershed
  - Developed statistical models for predicting environmental impacts of land use changes
- 1997-2000 Fish and Wildlife Biologist, US Forest Service, Tiller, OR
- Full time from 03/1997 through 08/2000

- Conducted quantitative population assessments and statistical analysis of fish and wildlife populations using field sampling data
- Performed habitat suitability modeling and analysis for endangered species management decisions using GIS applications
- Incorporated public input from recreational users and local communities into fish and wildlife management decisions
- Developed and maintained Access databases for multi-year monitoring programs with automated reporting capabilities
- Presented research findings at interagency meetings and public forums, demonstrating strong verbal presentation skills to diverse audiences
- Testified before State legislators on probable ecological impacts of proposed land use changes
- Worked independently on population monitoring projects while maintaining detailed documentation of field protocols and analytical methods

- 1993-1997      Fish and Wildlife Technician, Oregon Department of Fish and Wildlife, Roseburg, OR
- Full time from 06/1993 through 08/1994 and 06/1995 through 02/1997
  - Collected and analyzed biological data for fish population monitoring and assessment programs using basic statistical techniques
  - Facilitated public comment periods and incorporated angler input into fish population assessment protocols
  - Maintained and managed biological databases for state wildlife monitoring programs using early database management systems
  - Conducted quantitative sampling protocols for fish population surveys and habitat assessments
  - Participated in public meetings to present fish population data and gather community feedback on management strategies

## **PUBLICATIONS**

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Underline indicates graduate student; dashed underline indicates undergraduate; \*indicates postdoctoral fellow/researcher; ^shared first authorship; #indicates senior or corresponding author (if not first author)

### **Refereed articles and book chapters**

7. Cooperman, Alicia; Rempel, Jenny; Adams, Ellis; Cantor, Alida; Muñoz Forte, Manuela; **Osborne-Gowey, Jeremiah**; Stoler, Justin; Wilson, Nicole; Workman, Cassandra; Beresford, Melissa; Harris, Leila; Méndez-Barrientos, Linda; Shah, Sameer; Wutich, Amber. 2025. (De)centralized Water Futures: Key Dimensions of Infrastructure, Governance, and Operations. *WIREs Water* ([link](#)). DOI: 10.1002/wat2.70035
6. Jepson, W., Wutich, A. Pearson, A., Beresford, M., Brewis, A., Cooperman, A., **Osborne-Gowey, J.**, Rempel, J., Rosinger, A., and J. Stoler. 2025. Beyond peak water security: Household-scale experiential metrics can offer new perspectives on contemporary water challenges in the United States. *PLOS Water* ([link](#)). DOI: 10.1371/journal.pwat.0000413
5. Pearson, A., Jepson, W., Brewis, A., **Osborne-Gowey, J.**, Wutich, A., Beresford, M. Rosinger, A.Y., Enders, A.M., Stoler, J., and the HWISE-HIC Consortium. 2025. A protocol for the development of a validated scale of household water insecurity in the United States: HWISE-USA. *PLOS One* ([link](#)).DOI: 10.1371/journal.pone.0330087
4. Pearman, O., Boykoff, M., **Osborne-Gowey, J.**, Aoyagi, M., Ballantyne, A. G., Chandler, P., ... & A. Ytterstad. 2021. COVID-19 media coverage decreasing despite deepening crisis. *The Lancet Planetary Health*, 5(1), e6-e7. ([link](#)) DOI: 10.1016/S2542-5196(20)30303-X

3. Goldstein, B., Chase, C., Frankel-Goldwater, L., **Osborne-Gowey, J.**, Risien, J., and S. Schweizer. 2017. Transforming with a soft touch: comparing four learning networks. *Systems Research and Behavioral Science (SRBS)* 35(5):537-543. ([link](#)) DOI: 10.1002/sres.2479 (authorship order alphabetical after first author)
2. Claussen, Julie E., Cooney, Patrick B., Defilippi, Julie M., Gilbert, Sarah, Glaser, Sarah M., Hawkes, Elden, Hutt, Clifford, Jones, Marissa H., Kemp, Iris M., Lerner, Aaron, Midway, Stephen R., Nesbit, Shivonne, **Osborne-Gowey, Jeremiah**, Roberts, Ryan, Steward, Cleve. 2013. Science Communication in a Digital Age: Social Media and the American Fisheries Society. *Fisheries* 38(8):359-362. ([link](#)) (order of authorship alphabetical)
1. \*Webster, M.S., **Osborne-Gowey, J.D.**, Young, T.H., Freidenburg, T.L, and B.A. Menge. 2007. Persistent regional variation in populations of a tidepool fish. *Journal of Experimental Marine Biology and Ecology* 346:8-20. ([link](#))

### **Articles under review or in revision**

4. Stoler, Justin, Enders, Adam M, Jepson, Wendy, Pearson, Amber L, Brewis, Alexandra, **Osborne-Gowey, Jeremiah**, Beresford, Melissa, Cooperman, Alicia, Rempel, Jenny, Klofstad, Casey A, Uscinski, Joseph E, and Amber Wutich. Validation and psychological correlates of a water provider trust scale for the United States. *ES&T Water (submitted)*. DOI:
3. Beresford, M., Jepson, W., **Osborne-Gowey, J.**^, Dobbin, K., Fencel, A., González, S.R., and G. Pierce. Safe, Secure, and Affordable? The State of Household Water Insecurity in California. *In revision (R&R)*.  
\*Note joint shared first authorship for first three authors listed alphabetically. ^**corresponding author**.
2. Landgren, K., **Osborne-Gowey, J.**, Garland, J., Boykoff, M., and M. Burgess. U.S. television news coverage of climate change policy is aggregately balanced but polarized? *Submitted from R&R*.
1. ^Cooper, M., ^**Osborne-Gowey, J.**, Liu, Z., Adade Williams, P., Liu, J., Schwartz, A. and P. Baylis. The Effects of Neighborhood Income and Race in Moderating the Effect of Heat on Expressed Sentiment in the United States of America. *In Revision (R&R)*.  
**Note:** ^ **shared first authorship**.

### **Editor-reviewed articles, book chapters and commentaries**

9. **Osborne-Gowey, J.** 2015. Doing Cool Science? Why You Should Be Blogging About It. *Fisheries* 40(11):530. ([link](#))
8. **Osborne-Gowey, J.** 2014. Science and Social Media: How, What, and When to Share. *Fisheries* 39(7):318. ([link](#))
7. **Osborne-Gowey, J.** 2014. Developing Communication Policies That Work. *Fisheries* 39(5):218. ([link](#))
6. **Osborne-Gowey, J.** 2014. New Toy Mania and Manageable Bytes. *Fisheries* 39(4):152. ([link](#))
5. **Osborne-Gowey, J.** 2014. What To Do With Your New Twitter Account (or Facebook, or...). *Fisheries* 39(3):104. ([link](#))
4. **Osborne-Gowey, J.** 2014. What Is Social Media? *Fisheries* 39(2):55. ([link](#))
3. **Osborne-Gowey, J.** 2014. The Communication Stream (column) – Starting the Social Media Science Communication—Online and in Fisheries. *Fisheries* 39(1):7. ([link](#))
2. **Osborne-Gowey, J.** 2014. The science and politics of the BP-Deepwater Horizon Oil Spill *in* B.S. Steel (ed.), *Science and Politics: An A to Z Guide to Issues and Controversies*. CQ Press/Sage Books. ([link](#))
1. **Osborne-Gowey, J.** 2014. The science and politics of wildlife management *in* B.S. Steel (ed.), *Science and Politics: An A to Z Guide to Issues and Controversies*. CQ Press/Sage Books. ([link](#))

### **Other Publications and Published Datasets**

23. Boykoff, M., Nacu-Schmidt, A., Fernández-Reyes, R., **Osborne-Gowey, J.**, and O. Pearman. 2025. A Review of Media Coverage of Climate Change and Global Warming in 2024. Media and Climate Change Observatory Special Issue. ([link](#))
22. Boykoff, M., Aoyagi, M., Benham, A., Chandler, P., Daly, M., Fernández Reyes, R., McAllister, L., McNatt, M., Nacu-Schmidt, A., Oonk, D. and **Osborne-Gowey, J.** 2025. World Newspaper Coverage of Climate Change or Global Warming, 2004-2025. (dataset [link1](#), [link2](#))
21. **Osborne-Gowey, J.**, Boykoff, M., and A. Nacu-Schmidt. 2025. US Television Coverage of Climate Change or Global Warming, 2000-2025. (dataset [link](#))
20. Boykoff, M., Benham, A., Daly, M., Fernández Reyes, R., McAllister, L., McNatt, M., Nacu-Schmidt, A., Oonk, D., **Osborne-Gowey, J.**, Pearman, O. and Simonson, A.H.. 2022. European Newspaper Coverage of Climate Change or Global Warming, 2004-2025. (dataset [link](#))
19. Nacu-Schmidt, A., Daly, M., Chandler, P., Boykoff, M., Jiménez Gómez, I., Fernández-Reyes, R., and **J. Osborne-Gowey**. African Newspaper Coverage of Climate Change or Global Warming, 2004-2025 - January 2025. (dataset [link](#))
18. Boykoff, M., Gifford, L., Nacu-Schmidt, A., and **J. Osborne-Gowey**. 2022. US Television Coverage of Climate Change or Global Warming, 2000-2019. (dataset [link](#))
17. McNatt, M., Daly, M., Nacu-Schmidt, A., Chandler, P., Boykoff, M., Oonk, D., Fernández-Reyes, R., & **Osborne-Gowey, J.** African Newspaper Coverage of Climate Change or Global Warming, 2004-2022 - March 2022. (dataset [link](#))
16. **Osborne-Gowey, J.** 2021. The Effects of Social Capital and Migration on Agricultural Practices and Well-Being among Farmers in Sri Lanka and Bangladesh: Evidence from Household Surveys. Doctoral (PhD) Dissertation, ProQuest Dissertation Publishing, University of Colorado Boulder. ([OA link](#))
15. Burgess, M. and **J. Osborne-Gowey**. 2021. Reducing political polarization through campus dialogues. Heterodox Academy. ([link](#))
14. Bartel S, Bohnet I, Brockett B, Browne A, Connelly A, Goldstein B, Grover S, Judith K, Lebel L, Lebel P, Miller G, Nelson R, Primdahl J, Kristensen L, Paschen J, Reichelt N, Sherren K, Spicer A, Swaffield S, Moore K, von Heland J, Carter J, Ellis M, Hincks S, Handley J, Frankel-Goldwater L, **Osborne-Gowey J**, Risien J, & Schwizer S. 2018. Emergent landscapes: exploring social-ecological interdisciplinarity. *Conference Proceedings* from the Symposium on Ecosystem and Forest Sciences, Melbourne, Australia. ([link](#))
13. Goldstein, B., Chase, C., Frankel-Goldwater, L., **Osborne-Gowey, J.**, Risien, J., and S. Schweizer. 2018. Transformative Learning Networks: Guidelines and Insights for Netweavers, A Report from the Network of Stem Education Centers. *Center for Science and Technology Policy Research (CSTPR) Center white paper*. University of Colorado, Boulder, USA. ([link1](#), [link2](#)) (authorship order alphabetical after first author)
12. **Osborne-Gowey, J.** 2016. Electrified: What Twitter Data Can Tell Us About Public Energy Discussions. Master of Public Policy Thesis, Oregon State University. ([link](#))
11. **Osborne-Gowey, J.**, Bachelet, D., Mauger, G., Garcia, E., Tague, C. and K. Ferschweiler. 2011. Assessing the skill of hydrology models at simulating the water cycle in the HJ Andrews LTER: assumptions, strengths, weaknesses. Technical report submitted to HJ Andrews LTER principal investigator Dr. Barbara Bond.
10. Conservation Biology Institute. 2011. Rapid ecological assessment of the Sonoran Desert ecoregion of the United States. Technical report prepared by the Conservation Biology Institute for the Bureau of Land Management. *I was the lead editor and a contributing author.*
9. Conservation Biology Institute. 2010. Rapid ecological assessment of the Colorado Plateaus ecoregion of the United States. Technical report prepared by the Conservation Biology Institute for the Bureau of Land Management. *I was the lead editor and a contributing author.*

8. **Osborne-Gowey, J.** 2009. Ecological values and the potential impacts of mining on Tennessee's Northern Cumberland Region. Technical report prepared by the Conservation Biology Institute for a southeastern US non-profit organization requesting a State moratorium on surface mining.
7. Miller, D., Middel, G., Hollenbeck, J., Schwartz, S., Vitale, A. and **J. Osborne-Gowey**. 2008. In-Stream Large Wood Recruitment: Inventory and Analysis. Technical report prepared for the Fish and Wildlife Program of the Coeur d'Alene Tribe by Duck Creek Associates, Inc.
6. **Osborne-Gowey, J.**, Middel, G. and A. Hardman. 2008. Biological assessment for the proposed land exchange between the Oregon Department of Forestry and Starker Forests, Inc.: Benton, Lincoln and Polk counties. Technical report prepared for the Oregon Department of Forestry and County Commissioners by Duck Creek Associates, Inc. (*I was the project manager, lead author and technical editor*)
5. **Osborne-Gowey, J.**, Middel, G., Balfour, R., Benda, L., Heider, C., Miller, D., Salminen, E., Schwartz, S., Hollenbeck, J. and F. Brown. 2008. Wilson River Watershed Analysis. Technical report prepared for the Oregon Department of Forestry, Forest Grove and Tillamook Districts by Duck Creek Associates, Inc. (*I was the co-project manager, lead author and technical editor*)
4. Middel, G., **Osborne-Gowey, J.** and S. Jensen. 2007. Lower Grande Ronde Subbasin Biological Assessment: biological assessment at the watershed scale. Technical report prepared for the US Forest Service, Wallowa-Whitman National Forest by Duck Creek Associates, Inc. (*I was an author and lead technical editor*)
3. **Osborne-Gowey, J.** 2006. Responses of a threatened Lahontan cutthroat trout (*Oncorhynchus clarki henshawi*) to an introduced, invading salmonid: ecological implications for growth, stress, and behavior. Master of Science thesis, Oregon State University.
2. **Osborne-Gowey, J.** 2003. Historical Patterns of Skeletal Deformities in Fishes of Columbia River Drainages. Honors Bachelor of Science Thesis. Oregon State University.
1. Chastain, J., Feldhaus, J., Heck, M., Ogawa, G., **#Osborne-Gowey, J.**, Rombough, C. and A. Schwab, 2002. Fishes of Rickreall Creek. Technical report for the Polk Soil and Water Conservation District, City of Dallas, and the Rickreall Watershed Council. (I was co-PI, order of authorship alphabetical)

## FUNDING AWARDS AND GRANTS

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### Research Awards

- 2021 Microsoft AI for Earth grant (PI J. Osborne-Gowey), "Using News Media Text Data to Explore the Relationship Between Climate Shocks and Changes in Public Awareness, Risk Perception, and Topics of Discourse". Award amount: \$15,000
- 2020 Research Award, CU Boulder Graduate School (PI J. Osborne-Gowey), Role of Social Connectedness in Environmental Decision-Making. Award amount: \$6,000
- Microsoft AI for Earth additional-extended grant funds (co-PI J. Osborne-Gowey, co-PI Matthew Cooper), extended our work for additional analyses for the project titled "Using Text Data to Study the Human Dimensions of Climate Shocks. Award amount: \$5,000
- Research Fellow, CU Boulder Institute of Behavioral Science (IBS; PI J. Osborne-Gowey). The role of Social Connectedness in Sri Lankan On-Farm Agricultural Practices. Award amount: \$2,600
- 2019 Microsoft AI for Earth grant (co-PI J. Osborne-Gowey, co-PI M. Cooper), "Using Text Data to Study the Human Dimensions of Climate Shocks". Award amount: \$15,000

- 2019 Graduate Pursuits Program, National Science Foundation (NSF) and National Socio-Environmental Synthesis Center (SEYSNC; co-PI J. Osborne-Gowey, M. Cooper, A. Schwartz). Social Responses to Environmental Shocks Using Spontaneous Text Data (GS6-008). Award amount: \$36,000
- 2018 Graduate Pursuits Program, NSF-SEYSNC grant (co-PI J. Osborne-Gowey, co-PI R. Skubel; self-declined). Dynamics of Marine Ecosystem Restoration: A meta-analysis of planning, process, and outcomes to scale global efforts. Award amount: \$28,000
- 2011 NSF and HJ Andrews LTER, Oregon State University (co-PI J. Osborne-Gowey, PI D. Bachelet). “Simulating the hydrological cycle in the HJ Andrews experimental forest: preliminary assessment of four hydrology models”. Award amount: \$20,000
- 2011 Western Division of the American Fisheries Society (PI J. Osborne-Gowey). “Western Native Fishes and Data Basin” to upload species from the private Western Native Fishes database into a public, online, live web mapping system for public consumption. Award amount: \$5,500
- BLM project funding award (co-PI J. Osborne-Gowey, PI J. Stritholt). Consulting contract award for a project titled “Rapid Ecological Assessments of the Sonoran Desert and Colorado Plateau Ecoregions” to carry out assessments for which aquatic and terrestrial resources might be negatively impacted by anthropogenic activities. Award amount: \$680,000
- 2010 Unnamed Law Center (confidential client; co-PI and project manager J. Osborne-Gowey, PI J. Stritholt). “Ecological Values and the Potential Impacts of Mining on Tennessee’s Northern Cumberland Region” on aquatic and terrestrial resources for a proposed multi-state moratorium on federal permitting of mountaintop mountain removal mining. Award amount: \$22,500
- 2004 United States Geologic Survey (USGS) project funding award (co-Investigator J. Osborne-Gowey, PI H. Li). “Composition and Distribution of Salmonids and the Effects of Landuse on These Patterns” to carry out graduate research on the impacts of grazing, water withdrawal and introduced fishes on native cutthroat trout. Award amount: \$243,000

### ***Additional funding awards***

- 2021 Student travel award, American Association of Geographers (AAG). Award amount: \$1,000
- 2019 Workshop training and travel grant, University of Colorado Boulder (CU Boulder), Institute of Behavioral Science (IBS) to attend a statistical training workshop at University of Michigan’s Inter-university Consortium for Political and Social Research (ICPSR). Award amount: \$1,600
- 2018 SEYSNC professional development and training funds to attend workshop on conducting *social network analysis*. Award amount: \$4,500
- Summer Institute on Computational Social Science (SICSS) grant, to pay for training in computational social science methodologies. Award amount: \$600
- 2014 Student travel award, American Fisheries Society (AFS), merit-based. Award amount: \$400
- Student Sustainability Initiative merit-based award, Oregon State University (OSU). Award amount: \$550
- 2013 Graduate School Travel Award (merit-based), OSU. Award amount: \$500
- 2012 Oregon Laurels Graduate Fellowship (merit-based; self declined). Award amount: \$26,000
- 2004 Student travel award, AFS Oregon Chapter. Award amount: \$500
- 2001 Research Fund award, Department of Fisheries and Wildlife, OSU. Award amount: \$500

## HONORS, AWARDS AND FELLOWSHIPS

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- 2024      **Fellow** (inaugural), Texas A&M University (TAMU) Postdoctoral Mentoring Academy, Center for the Improvement of Mentored Experiences in Research (CIMER)
- Nominated for Research Excellence Award, Environmental Studies (ENVS) Program, University of Colorado Boulder (CU Boulder) (not awarded)
- Finalist, Three Minute Thesis (3MT) competition, CU Boulder and University of Queensland
- Best Research Poster award (silver), Institute of Behavioral Science (IBS) research symposium, CU Boulder
- 2020      Best Should Teach Gold award, Center for Teaching and Learning (CTL), CU Boulder
- Dissertation Completion Fellowship, CU Boulder Graduate School
- Teaching Excellence Award, United Government of Graduate Students, CU Boulder
- Gamma Theta Upsilon award, American Association of Geographers (AAG)
- Teaching Excellence Award, ENVS, CU Boulder
- 2019      **Fellow**, National Socio-Environmental Synthesis Center (SESYNC), Graduate Pursuits Program, Project co-Lead
- 2019      Service Excellence Award, ENVS, CU Boulder
- Best Should Teach Gold award, CU Boulder, Graduate Teacher Program (GTP)
- Nominated for Teaching Excellence Award, ENVS, CU Boulder (not awarded)
- Summer Research Fellow, CU Boulder Institute of Behavioral Science (IBS)
- 2018      Best Should Teach Gold award, CTL, CU Boulder
- 2014      Award of Merit, American Fisheries Society (AFS) Oregon Chapter
- Nominated for an Emerging Leader Award, AFS (national) (not awarded)
- Student Sustainability Initiative Award of Merit, Oregon State University (OSU)
- 2006      Nominated for an Herbert Frolander Outstanding Graduate Teaching Assistant award, OSU campus-wide award (not awarded)
- 2005      Shining Star award, Department of Fisheries, Wildlife and Conservation Science, OSU
- Meritorious Service award, Dept. of Fisheries, Wildlife and Conservation Science, OSU
- Best Graduate Student Presentation, OSU Graduate Student Research Conference
- 2004      Shining Star award, Dept. of Fisheries, Wildlife and Conservation Science, OSU
- Meritorious Service award, Dept. of Fisheries, Wildlife and Conservation Science, OSU
- 2003      *Cum Laude*, Oregon State University
- Distinguished Honors* Bachelor of Science, OSU Honors College
- 2003 (cont.) Waldo-Cummings Outstanding Undergraduate Student Award, OSU campus-wide award
- Dean's recognition for highest academic performers, OSU
- Best student poster presentation, Dept. of Fisheries, Wildlife and Conservation Science, annual research symposium
- 2002      Dean's recognition for highest academic performers, OSU



- 2002 Significant Science Contributions Award (shared w/ co-I), Rickreall Watershed Council  
Best student poster presentation, AFS Oregon Chapter annual meeting
- 2001 Dean's recognition for highest academic performers, OSU
- 1998 Dean's list for academic accomplishment, Umpqua Community College (UCC)
- 1997 Dean's list for academic accomplishment, UCC
- 1995 Outstanding academic performance award, Hawaii Pacific University
- 1994 Dean's list for academic accomplishment, UCC
- 1993 Dean's list for academic accomplishment, UCC

## INVITED TALKS

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- 2025 **Osborne-Gowey, Jeremiah**, (with collaborators Landgren, Ekaterina, Garland, Joshua, Boykoff, Maxwell, and Matthew Burgess). Misperception of support for climate policy: the role of US television news. National Teach Climate Network, climate educators summit/conference.
- 2025 **Osborne-Gowey, Jeremiah**, (with collaborators Landgren, Ekaterina, Garland, Joshua, Boykoff, Maxwell, and Matthew Burgess). Climate policy in the Media: omitted, polarized, and politicized. (pre-) International Communication Association (ICA) workshop on climate and media. Boulder, CO.
- 2025 **Osborne-Gowey, Jeremiah**, (with collaborators Landgren, Ekaterina, Garland, Joshua, Boykoff, Maxwell, and Matthew Burgess). Why do US Citizens underestimate actual public support for climate policy? Lightning talk presented to 600 scientists at the 2025 annual Cooperative Institute for Research in Environmental Sciences (CIRES) Rendezvous, University of Colorado, Boulder, CO.
- 2025 **Osborne-Gowey, Jeremiah**. From Fields to Faucets: Examining Social and Environmental Drivers of Adaptation and Resilience. Texas A&M Geography Colloquium series. College Station, TX.
- 2024 Jepson, Wendy and **Jeremiah Osborne-Gowey**. "Preliminary household water insecurity data for harborside communities in Galveston" *Vision Galveston*, Galveston, TX.
- 2023 "Raising Your Professional Profile", panel presenter on exploring the importance of developing a public-facing professional presence, both on campus and online, and offering resources and support tailored specifically to the needs of non-tenure-track teaching and clinical CU faculty, Teaching and Clinical Faculty Development, Office of Faculty Affairs, University of Colorado Boulder (CU Boulder).
- 2022 Environmental Sciences departmental seminar. Agricultural livelihoods and social and environmental health in the Global South: linkages and methods of inquiry. Rhode Island College, Providence, RI.
- 2018 Graduate Teacher Program annual symposium. Quick (and mostly easy) Formative Assessments in the Classroom. Developed and presented a skills building workshop on different classroom formative assessment types and their use ([link](#)). CU Boulder, Boulder, CO
- 2016 Key perspectives address. Annual meeting of the *International Society for the Systems Sciences (ISSS) and 1<sup>st</sup> Policy Congress of ISSS - Plenary III: Coupling Human and Natural System(s) Research*. University of Colorado, Boulder, CO [http://issss.org/world/Colorado\\_2016](http://issss.org/world/Colorado_2016)
- 2011 Challenges and solutions facing the new MC1 user. MC1 Users Conference, Conservation Biology Institute, Corvallis, OR
- 2010 American Fisheries Society, Oregon Chapter annual meeting. Looking back and moving forward – reflections on three years as the External Director. Eugene, OR
- 2008 Oregon Department of Forestry. Factors limiting riparian and aquatic conditions in the Wilson River watershed. Talk with co-author Jerry Middel. Tillamook, OR
- 2002 H.J. Andrews LTER Experimental Forest annual meeting. Spatial description of a montane riparian zone: observations of complex interactions and biodiversity. Oral presentation, primary presenter with co-authors Anrico, L., Babcock, E., and L. Sandberg. Corvallis, OR

- 2002 Department of Zoology and PISCO faculty, Oregon State University. Ongoing PISCO Fish Research. Co-presented with Michael Webster. Corvallis, OR  
Rickreall Watershed Council. Fishes of Rickreall Creek. Oral presentation with Chastain, J., J. Feldhaus, M. Heck, G. Ogawa, C. Rombough, and A. Schwab. Rickreall, OR

### **SYMPOSIA, WORKSHOPS AND SEMINARS ORGANIZED**

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- 2025 Co-organizer (with Lucy MacAllister and Bernhard Goodwin) Collaborative Workshop: Media & Climate Change, (pre-)International Communication Association (ICA) annual meeting, Denver, CO
- 2024 Co-facilitator (with Emily Yeh). American Association of Geographers (AAG) annual meeting, CU Boulder “node” (hybrid in-person and virtual meeting).
- 2021 Co-chair and co-organizer (with Meaghan Daly and Lucy McAllister). Climate Change, Science Communication, and the Media (I): Current Trends and Methods [Conference session]. American Association of Geographers (AAG) – annual meeting, Denver, CO
- 2021 Co-chair and co-organizer (with Meaghan Daly and Lucy McAllister). Climate Change, Science Communication, and the Media (II): Implications and Future Trajectories [Conference session]. American Association of Geographers (AAG) – annual meeting, Denver, CO
- 2020 Co-chair and co-organizer (with Jennifer Cole). Perception and Adaptation of Environmental Issues Across Racial and Ethnic Groups [Conference session]. Society for the Psychological Study of Social Issues (SPSSI) - Making the Invisible Visible: Transformative Research and Social Action (Summer Conference), Denver, CO. (Conference canceled due to COVID)
- 2019 Chair. From Power to Empower: Advocating for Yourself in Academia. Co-developed a two-part public workshop ([link](#)) for the Graduate Teacher Program, University of Colorado Boulder (CU Boulder), Boulder, CO
- 2014 Chair. New Media Communications. Special symposium/workshop organizer for the American Fisheries Society annual meeting, Quebec, Canada  
Chair. Is it getting hot in here? Potential effects of climate change. Session organizer and moderator for the American Fisheries Society Oregon Chapter annual meeting, Eugene, OR
- 2013 Chair. The science of science communication: the art of telling compelling stories in a new media environment. Special symposium and workshop for the American Fisheries Society Western Division annual meeting. Boise, ID
- 2012 Co-chair (with Eldon Brooks). Science communication: information delivery and the new face of the 21<sup>st</sup> century. Special symposium for the national American Fisheries Society annual meeting. St. Paul, MN
- 2011 Chair. Science communication and policy: bridging the gap. Special symposium organizer for the American Fisheries Society Oregon Chapter of the annual meeting. Bend, OR  
Co-chair (with Dave Conklin and Dominique Bachelet). MC1 Users Conference. Science modeling, computer programming and statistics. Conservation Biology Institute, Corvallis, OR
- 2010 Chair. Science policy: making science relevant for legislators and lawmakers. Special symposium for the American Fisheries Society Oregon Chapter annual meeting. Eugene, OR
- 2006 The Other Side of the Podium: a teaching workshop, Research Advances in Fisheries, Wildlife and Ecology symposium, Oregon State University. Corvallis, OR  
Digital Photography for Field Biologists, Research Advances in Fisheries, Wildlife and Ecology symposium, Oregon State University. Corvallis, OR
- 2005 Chair. Microsoft PowerPoint Basics: making it work for you. Information Services workshop series, Oregon State University. Corvallis, OR
- 2004 Chair. Introduction to Web Page Design, Information Services workshop series, Oregon State University, Corvallis, OR

- 2004 Co-chair and co-organizer (with multiple collaborators). Methods of Community Analysis. Research Advances in Fisheries, Wildlife and Ecology symposium, Oregon State University. Corvallis, OR  
 Co-chair (with Joseph Feldhaus). Human Dimensions of Watershed Restoration, Research Advances in Fisheries, Wildlife and Ecology symposium, Oregon State University, Corvallis, OR  
 Chair. Population Viability Analyses. Research Advances in Fisheries, Wildlife and Ecology symposium, Oregon State University. Corvallis, OR  
 Chair. Tips for Successful Grant Writing. Research Advances in Fisheries, Wildlife and Ecology symposium, Oregon State University. Corvallis, OR

## TALKS PRESENTED AT REFEREED CONFERENCES

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- 2025 **Osborne-Gowey, J.**, Jepson, W., Lamphere, J., and L. Zou. Hidden Waters: Housing Infrastructure and Water Insecurity in Galveston, Texas. *American Association of Geographers (AAG) annual meeting* – Detroit, MI (USA).
- 2025 Jepson, W., Pearson, A., Brewis, A., **Osborne-Gowey, J.**, Wutich, A., Beresford, M., Rosinger, A., Enders, A.M., and J. Stoler. Advancing a Household Water Insecurity Scale for the U.S. and High-Income Countries. *American Association of Geographers (AAG) annual meeting* – Detroit, MI (USA).
- 2024 Jepson, W., Zou, L., **Osborne-Gowey, J.**, and J. Lamphere. A preliminary analysis of household water insecurity and residential tenure: Galveston, Texas. *Royal Geographic Society (RGS-IBG) Annual International Conference* – London, England (UK).
- 2024 Landgren, E., and **Osborne-Gowey, J.** Echo Chambers and False Balance: Understanding Underestimation of Climate Policy Support. *10<sup>th</sup> International Conference on Computational Social Science (IC2S2)* – Philadelphia, PA (USA).
- 2024 **Osborne-Gowey, J.**, and A. Carrico. The role of social connectedness in adaptive farming practices in Sri Lankan agricultural systems under drought stress. (session) Untapped: Fresh Voices in Water Resources Geography" (abstract #32509). *American Association of Geographers (AAG) annual meeting* – Honolulu, HI.
- 2022 **Osborne-Gowey, J.**, Rahaman, H., and A. Carrico. Capitals, Migration and Adaptation: Non-Migrating Farmer Well-Being and Rice Yields in Southwest Bangladesh. [Conference Session: Non-Migration as local-led adaptation in the context of climate change]. *2<sup>nd</sup> Gobeshona Global Conference – Exploring Locally-Led Adaptation & Resilience for COP27*. <https://conference.gobeshona.net/>.
- 2021 Cooper, A., **Osborne-Gowey, J.**, Liu, Z., Liu, J. and P. Adade Williams. Fine-Scale Twitter Data Reveal Mental Health Disparities During High Temperatures. [Conference session: Climate Change, Science Communication, and the Media (I): Current Trends and Methods]. *American Association of Geographers (AAG) – annual meeting*, Seattle, WA.
- 2021 **Osborne-Gowey, J.** and M. Boykoff. Celebrity influence in media discussions of climate change and wildfire [Conference session: Climate Change, Science Communication, and the Media (I): Current Trends and Methods]. *American Association of Geographers (AAG) – annual meeting*, Seattle, WA, United States.
- 2021 **Osborne-Gowey, J.** Migrations Influence Bangladeshi Farmers. *Three Minute Thesis (3MT)*, CU Boulder and University of Queensland. <https://youtu.be/05SrlrFikSQ?t=2131>
- 2020 **Osborne-Gowey, J.** and A. Carrico. 2020. Role of social connectedness in Sri Lankan farmers drought adaptations [Conference session: Perception and Adaptation of Environmental Issues Across Racial and Ethnic Groups]. *Society for the Psychological Study of Social Issues (SPSSI) - Making the Invisible Visible: Transformative Research and Social Action (Summer Conference)*, Denver, CO. <https://www.spssi.org/index.cfm?fuseaction=Page.ViewPage> (Conference canceled)

- 2019 **Osborne-Gowey, J.** and A. Carrico. The role of social networks in knowledge transmission and farming practices in Sri Lankan agricultural systems. *International Conference on Environmental Psychology*, Plymouth, United Kingdom.
- 2012 **Osborne-Gowey, J.** Twitter for scientists: the changing face of science communication. *American Fisheries Society annual meeting*. St. Paul, MN
- 2011 **Osborne-Gowey, J.**, Bachelet, D., Mauger, G., Garcia, E. Tague, C. and K. Ferschweiler. Assessing the skill of hydrology models at simulating the water cycle in the HJ Andrews LTER: assumptions, strengths, weaknesses. *American Fisheries Society annual meeting*. Seattle, WA.
- 2008 **Osborne-Gowey, J.** and G. Middel. Evaluating landscape and watershed-level conditions: techniques for integrating tools and datasets to assess riparian and aquatic health. Oral presentation. *American Fisheries Society joint meeting of the Western Division and Oregon Chapter annual meeting*. Portland, OR
- 2007 **Osborne-Gowey, J.**, Heppell, S., Jenne, A., and H. Li. A Field and Laboratory Study of Mechanisms Conferring Dominance by Brook Trout Over Lahontan Cutthroat Trout. Oral Presentation. *American Fisheries Society Oregon Chapter annual meeting*. Eugene, OR
- 2006 **Osborne-Gowey, J.**, Heppell, S., and H. Li. Anorexia and the threatened Lahontan cutthroat trout: growth, stress, temperature and exotic species. Oral presentation. *American Fisheries Society Oregon Chapter annual meeting*. Sun River, OR
- 2005 **Osborne-Gowey, J.**, Li, H., Heppell, S., and A. Jenne. Growth response of a threatened cutthroat trout to a fluctuating environment. Oral presentation, *37th Congress of the Desert Fishes Council*. Cuatrociénegas, Coahuila, Mexico
- 2005 **Osborne-Gowey, J.**, Li, H., Heppell, S., and A. Jenne. Responses of a threatened cutthroat trout to an exotic invading charr: Ecological Implications for Stress, Growth, Condition and Behavior. Oral presentation. *American Fisheries Society Oregon Chapter annual meeting*. Corvallis, OR

#### **TALKS PRESENTED AT OTHER CONFERENCES AND MEETINGS**

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- 2025 **Osborne-Gowey, Jeremiah.** Tracking climate coverage in the news: the Media and Climate Change Observatory (MeCCO) method. (pre-) International Communication Association (ICA) workshop on climate and media. Boulder, CO.
- 2011 **Osborne-Gowey, J.** Challenges and solutions facing the new MC1 user. MC1 Users Conference, Conservation Biology Institute, Corvallis, OR
- Osborne-Gowey, J.** Data Basin: expanding access to conservation data, tools, and people. Oral presentation. Modeling estuaries, climate change, and restoration and conservation planning workshop. Hatfield Marine Science Center, Newport, OR
- Osborne-Gowey, J.** 2011. Data Basin: expanding access to conservation data, tools, and people. Oral presentation. Modeling estuaries, climate change, and restoration and conservation planning workshop. Hatfield Marine Science Center, Newport, OR
- 2008 **Osborne-Gowey, J.** and G. Middel. Factors limiting riparian and aquatic conditions in the Wilson River watershed. Oral presentation. Oregon Department of Forestry. Tillamook, Oregon, March.
- 2006 **Osborne-Gowey, J.** Responses of a threatened cutthroat trout to an introduced invading salmonid: ecological implications for growth, stress and behavior. Masters thesis defense public presentation. Oregon State University. Corvallis, OR
- 2005 **Osborne-Gowey, J.** Responses of an endangered cutthroat trout to an exotic invading charr: A case study. Oral presentation. Lahontan Cutthroat Trout Interagency Meeting. Reno, NV

- 2002 **Osborne-Gowey, J.**, Anrico, L., Babcock, E., and L. Sandberg. Spatial description of a montane riparian zone: observations of complex interactions and biodiversity. Oral presentation, Department of Fisheries and Wildlife and H.J. Andrews Experimental Forest, Oregon State University, Corvallis, OR

#### POSTERS PRESENTED AT PROFESSIONAL MEETINGS AND CONFERENCES

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- 2010 **Osborne-Gowey, J.**, Bachelet, D., Mauger, G., Garcia, E. Tague, C. and K. Ferschweiler. 2010. Toward assessing the skill of hydrology models at simulating the water cycle in the HJ Andrews LTER: initial assumptions, strengths, weaknesses. Poster presentation. *American Geophysical Union fall meeting*, San Francisco, CA
- 2010 Conklin, D. and **J. Osborne-Gowey**. In PRISM data, Sierra Nevada warmed only 1°C in the 20<sup>th</sup> century. Poster presentation #GC51D-0770. *American Geophysical Union, annual meeting*, San Francisco, CA
- 2010 **Osborne-Gowey, J.**, Strittholt, J., Bergquist, J., Ward, B., Sheehan, T., Comendant, T. and D. Bachelet. Data Basin Aquatic Conservation Center: expanding access to aquatic conservation data, analysis tools, people and practical answers. Poster presentation. Joint meeting of the *American Society of Limnology and Oceanography and North American Benthological Society*, annual meeting. Santa Fe, NM
- 2010 **Osborne-Gowey, J.**, Strittholt, J., Bergquist, J., Ward, B., Sheehan, T., Comendant, T. and D. Bachelet. Data Basin Aquatic Conservation Center: expanding access to aquatic conservation data, analysis tools, people and practical answers. Poster presentation. *American Fisheries Society, Oregon Chapter annual meeting*. Eugene, OR
- 2009 **Osborne-Gowey, J.**, Strittholt, J., Bergquist, J., Ward, B., Sheehan, T., Comendant, T. and D. Bachelet. Data Basin Aquatic Conservation Center: expanding access to aquatic conservation data, analysis tools, people and practical answers. Poster presentation. *American Geophysical Union, annual meeting*, San Francisco, CA
- 2009 Bachelet, M., Strittholt, J., Ward, B., Sheehan, T., Comendant, T., Lenihan, J. and **J. Osborne-Gowey**. 2009. Data Basin Climate Center: where to get datasets, manipulate them, and generate practical answers. Poster presentation. *American Geophysical Union, annual meeting*, San Francisco, CA
- 2005 Feldhaus, J., **Osborne-Gowey, J.**, Tattam, I., Boxall, G., Heppell, S., Giannico, G., and H. Li. Evaluating a non-lethal method for measuring lipid contents of fish. Poster presentation. *American Fisheries Society Oregon Chapter annual meeting*. Corvallis, OR
- 2004 Young, T., **Osborne-Gowey, J.**, Webster, M., and B. Menge. Use of an artificial substrate for measuring the recruitment of rockfish. Poster presentation, *American Fisheries Society (national) annual meeting*, Madison, WI
- Osborne-Gowey, J.** Historical Pattern of Skeletal Deformities in Cyprinids of the Columbia Basin. Poster Presentation, *American Fisheries Society (national) annual meeting*, Madison, WI
- 2002 Chastain, J., J. Feldhaus, M. Heck, G. Ogawa, **J. Osborne-Gowey**, C. Rombough, and A. Schwab. Fishes of Rickreall Creek. Poster presentation, American Fisheries Society Oregon Chapter annual meeting, Sun River, OR (co-PI, order of authorship alphabetical).

#### POSTERS PRESENTED AT OTHER CONFERENCES

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- 2021 **Osborne-Gowey, J.** and A. Carrico. The role of social connections and community context in adaptive farming practices among Sri Lankan households. Poster presentation. *CIRES Annual Research Rendezvous* at University of Colorado Boulder (CU Boulder), Boulder, CO.
- 2021 **Osborne-Gowey, J.** and A. Carrico. The role of social connections and community context in adaptive farming practices among Sri Lankan households. Poster presentation. *6<sup>th</sup> Annual Graduate Student Research Symposium, Institute of Behavioral Science (IBS)* at CU Boulder, Boulder, CO.

- 2011 **Osborne-Gowey, J.**, Bachelet, D., Mauger, G., Garcia, E. Tague, C. and K. Ferschweiler. Toward assessing the skill of hydrology models at simulating the water cycle in the HJ Andrews LTER: initial assumptions, strengths, weaknesses. Poster presentation. *HJ Andrews LTER annual science symposium*. Oregon State University, Corvallis, OR
- 2003 Young, T., **Osborne-Gowey, J.**, Webster, M., and B. Menge. Use of an artificial substrate for measuring the recruitment of rockfish. Poster presentation, Research Advances in Fisheries, Wildlife and Ecology Symposium, Oregon State University, Corvallis, OR
- 2003 **Osborne-Gowey, J.** 2003. Historical Pattern of Skeletal Deformities in Cyprinids of the Columbia Basin. Poster presentation, Honors College Thesis Showcase, Oregon State University, Corvallis, Oregon. May, 2003.

## PROFESSIONAL SERVICE AND LEADERSHIP ACTIVITIES

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### *Service to University and Profession*

- 2024-Present Training Program committee, Institute of Behavioral Science (IBS), University of Colorado Boulder (CU Boulder)
- 2023-2024 Diversity, Equity, and Inclusivity (DEI) committee, IBS, CU Boulder
- 2023 Presenter on “Raising Your Professional Profile” panel and workshop for non-tenure-track teaching and clinical CU faculty on developing a public-facing professional presence on campus and online, Office of Faculty Affairs, CU Boulder.
- 2023-Present Mentee, Across CU Mentoring Program, Office of Faculty Affairs, CU Boulder
- 2022 Leading a collaborative effort to create an ENVS undergraduate dialogue “Having Difficult Conversations” series of training workshops. Center for Teaching Excellence, CU Boulder
- 2022 Education and Outreach development and leadership for domestic and international program - Bangladesh Environment and Migration Survey, NSF grant #CNH-1716909
- 2021 Hiring committee for Training Director for IBS and ITSS, CU Boulder
- 2019 Curriculum development and data analytics help for an undergraduate course at Columbia University with Dr. Michael Steckler
- 2019 Co-designed and presented a two-part skills-building workshop on *Advocating for Yourself in Academia - From Power to Empower* (2019) with personal examples and insider tips for how to navigate difficult situations in graduate school and make sure graduate students are getting what we need from the experience, Center Teaching Excellence, CU Boulder
- 2018-2020 Graduate representative liaison to the CU Boulder ENVS faculty
- 2018-2020 Co-founder and co-organizer, Environmental Studies and Design Graduate Forum (ESDGF) graduate student group, CU Boulder ENVS.
- 2018-2019 Sub-committee member, ARPAC 5-year review of ENVS, CU Boulder ENVS
- 2018 Analyzed survey data from CU Boulder ENVS program’s ARPAC five-year review survey of faculty and graduate students and wrote a report for CU Boulder ENVS faculty
- 2017-Present Mentor, Peer Mentoring Program, CU Boulder Graduate School
- 2006 Chair, Promotion and Tenure sub-committee, Department of Fisheries, Wildlife and Conservation Science, Oregon State University (OSU)
- 2005 Executive Committee, Associated Students of Oregon State University (ASOSU)
- 2004-2005 Graduate Senator, College of Agricultural Science (CAS), ASOSU
- 2003-2005 President, Fisheries and Wildlife Graduate Student Association (FWGSA), OSU
- 2003-2005 Graduate Representative, Agricultural Executive Council, CAS, OSU
- 2001-2003 Undergraduate Senator, CAS, ASOSU

### ***Service beyond the University and Profession***

- 2023-Present Deputy Commander for Senior Members, Civil Air Patrol (Air Force Auxiliary), Boulder Composite Squadron RMR-CO-072, Colorado Wing
- 2023 Service learning project on “cultural water planting and land management”, Taos Pueblo and Apache practices, Taos, NM
- 2023-Present Volunteer, Rocky Mountain Riding Therapy (RMRT), Boulder, CO
- 2022-Present American Indian Parent Committee (AIPC), Boulder Valley School District (BVSD), CO
- 2021-Present Disaster Response Volunteer, Office of Emergency Management and CU Boulder Volunteer Resource Center, CO
- 2017-2020 Boulder Valley School District (BVSD) mentor for the Allies Program (social justice), CO
- 2014-2017 Worldwide disaster kit coordinator, Mountain States Mennonite Conference (MSMC), Mennonite Central Committee (MCC), CO
- 2014-2016 Global school kit coordinator, MSMC, Mennonite Church USA (MCUSA)
- 2016 Board chair, MSMC Planning Committee, MCUSA, CO
- 2014-2016 Board member, MSMC Planning Committee, MCUSA, CO
- 2014-2015 Instructor, Oregon Master Naturalist program, OR
- 2013 Board Chair, Heart of the Valley Homebrewers, OR
- 2011-2014 Chair, Legislative Committee, American Fisheries Society (AFS) Oregon Chapter
- 2011-2013 Board member, Heart of the Valley Homebrewers, OR
- 2011-2013 Western Native Fishes Committee, AFS Western Division
- 2012-2016 co-founding member, Science Communication Committee, AFS (national body)
- 2008-2011 External Director, AFS Oregon Chapter
- 2008-2010 Naturalist Instructor, Audubon Society’s homeschooled family program, OR
- 2007-2011 Environmental Concerns Committee, AFS Western Division
- 2006-2014 Legislative Committee, AFS Oregon Chapter
- 2004-2005 Education and Outreach Committee, AFS Oregon Chapter
- 2004-2005 Aquatic Habitat Committee, AFS Oregon Chapter
- 2004-2005 Natural Production Committee, AFS Oregon Chapter
- 2004 Mentor, Science and Math Investigative Learning Experiences (SMILE) program, OR
- 2002-2014 Instructor, SalmonWatch program, Freshwater Trust, OR USA

### ***Memberships***

#### **Socio-Environmental and Human Dimensions**

American Geophysical Union (AGU); American Association of Geographers (AAG); Society for the Psychological Study of Social Issues (SPSSI); American Psychological Association (APA) Division 34 - Environmental, Population and Conservation Psychology; Population Association of America (PAA)

#### **Environment and Conservation**

American Fisheries Society (AFS), Ecological Society of America (ESA), Association for the Sciences of Limnology and Oceanography (ASLO), Desert Fishes Council (DFC), Society for Freshwater Science (SFS), Society for Conservation Biology (SCB), Society for Ecological Restoration (SER)

## **TEACHING AND ADVISING**

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### ***Courses Taught***

*University of Colorado Boulder, CO*



2022-Present	ENVS4800: Leadership for Environmental Sustainability (Instructor of record)
2022-Present	ENVS1000: Introduction to Environmental Studies (Instructor of record)
2022-2023	ENVS 1001: Introduction to Human Dimensions of Environmental Solutions (Instructor of record)
2019-2021	ENVS 1000: Introduction to ENVS (TA)
2018-2021	ENVS 1001: Introduction to Human Dimensions of Environmental Solutions (TA)
2014-2017	ENVD 3122: Research Issues and Methods in Design and Planning (TA)
2014-2016	ENVD 3003: Site Planning (TA)
2015	ENVD 3134: History of Site Planning and Design (TA)

*Oregon State University, Corvallis, OR*

2013-2014	SOC 204: Introduction to Sociology (TA)
2012-2013	SOC 315: Method I: Research Design (TA)
2012-2014	SOC 316: Methods II: Quantitative Analysis (TA)
2006	Z 341: Advanced Human Anatomy and Physiology for Pre-Med students (lead)
2005-2006	FW 410/411/412: Capstone Project in Fisheries and Wildlife (Instructor of Record)
2004-2005	FW 204: Field Methods in Fisheries, Wildlife and Biology (lead)
2005	FW 499/599: Applied Freshwater Fish Biology (TA)
2005	FW 323: Management Principles of Pacific Northwest Salmon (Instructor of Record)
2003-2004	FW 251: Principles of Fisheries and Wildlife Conservation (Instructor of Record)
2003-2004	FW 441/442/443: Introduction to Group Problem Solving (2-part series; lead)

*Remington College, Little Rock, AR*

2006-2007	GE 4625: Environmental Sciences (Instructor of Record)
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***Advising and Mentoring Experience***

2023-2024	Mentoring a (historically underrepresented) doctoral student of Dr. Sameer Shah's WATERS Research Collaborative, School of Environmental and Forest Sciences, University of Washington
2023-Present	Mentoring two (2) doctoral students and one (1) Masters student members of Dr. Wendy Jepson's international water insecurity experiences lab, Texas A&M University, College Station, TX
2023-Present	Mentee (as new faculty), Office of Faculty Affairs (OFA), Across CU Mentoring (ACUment) Program, CU Boulder
2022-2024	Mentor, Cooperative Institute for Research in Environmental Sciences (CIRES)
2020	Co-developed and implemented a training program for new graduate teaching assistants, Environmental Studies (ENVS), University of Colorado Boulder (CU Boulder)
2021-2024	Advised and mentored a Masters student on statistical methods and analysis, writing development, research methods, and thesis development, International University Bangladesh (IUB), Dhaka, BD
2019	(co)Advised and mentored an undergraduate class on developing research projects, data analysis, and presentation, Columbia University course led by Dr. Michael Steckler
2018-2021	Advising and mentoring an international (Bangladesh) research assistant on statistical, field and research methods on a large international project
2018-2021	co-Advised three (3) undergraduate honors student members of Dr. Carrico's Environment and Behavior lab, CU Boulder
2017-2021	Mentored nine (9) new graduate students on the ins and outs of graduate school and life as part of the Graduate School Peer Mentoring Program, CU Boulder
2017-2020	Mentored several junior and high school students on being allies for each other as part of the Boulder Valley School District (BVSD Colorado) Allies Program for social justice
2015-2019	Mentored three (3) high school students as part of the Big Brother, Big Sister program
2014-2020	Mentored graduate students in Environmental Studies (ENVS) program and the College of Arts and Sciences as part of the Center For Teaching and Learning (CTL), CU Boulder



- 2004-2005      Advised and mentored six (6) undergraduate students for their senior capstone project, from project inception to carrying out the work and presenting it to their peers, Oregon State University (OSU)
- 2004            Advised and mentored several undergraduate students as part of the Science and Math Investigative Learning Experiences (SMILE) program, OSU

## **OUTREACH AND COMMUNICATION**

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### ***Research Covered By***

Heterodox Academy (2021), PRI's The World (2021), European Parliament's Science-Media Hub (2021), AmeriCorps' Umpqua Watersheds "Living Downstream" podcast (2021), CU Boulder Today (2020, 2021), Fair (2020, 2021), The Guardian (2019), Climate One (2019), El Mundo (2019), Grist (2018), Common Dreams (2018), Media Matters for America's Climate Matters (2018), Climate Home News (2016), CU College of Arts and Sciences Magazine (2015), Daily Climate (2015), New York Times (2014), Carbon Brief (2014, 2021), Columbia Journalism Review (2014, 2019), Inspiration Dissemination (2005), Fisheries Magazine (2014, 2015), Oregon Public Broadcasting National Public Radio affiliate (2003)

## **RELEVANT TRAININGS**

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- 2024      Postdoctoral Mentoring Academy (inaugural cohort), Texas A&M University, College Station, TX
- 2023      UndocuAlly training focused on how University faculty and staff can support DACA and ASSET students
- 2022      Conflict Resolution training focused on 1) Polarization and de-polarization, 2) Listening for Understanding, and 3) Conversing Around Disagreement. Led by Teresa Wroe (CU's Senior Director of Education and Prevention/Deputy Title IX Coordinator, Office of Institutional Equity and Compliance) and Tyler Keyworth (Office of Student Conduct & Conflict Resolution)
- 2022      International School on Climate Migration: Problematizing and Responding to Climate Migration in the 21st Century, SOAS University of London and Earth Refuge, 6-week Summer course ([link](#))
- 2021      Computer-Assisted Qualitative Data Analysis (CAQDAS) methods workshop series, CAQDAS Networking Project, University of Surrey
- Critical Visual Methods, American Association of Geographers (AAG), "pandemic edition" 1-wk workshops series
- The Q Method, AAG graduate student 1-wk workshops series
- Researching with Social Media, AAG graduate student 1-wk workshops series
- Writing as Qualitative Research Method, AAG graduate student workshop series
- 2020      Communicating Your Science Effectively, Three Minute Thesis (3MT) workshop series, University of Colorado Boulder (CU Boulder)
- Publication Bootcamp, Graduate School 13-week workshop series, CU Boulder
- 2020      Turning Your Research Into Teaching (TYRIT) workshop series, Center for Teaching and Learning (CTL), Boulder, CO
- 2019      Multi-level and mixed models in STATA (statistical training workshop)
- Inter-university Consortium for Political and Social Research (ICPSR), Ann Arbor, MI
- 2018      Finding and Working with Social Science Data, Summer Institute for Computational Social Science (SICSS) workshop, Boulder, CO
- 2018      Quantitative Methods workshop series, Institute of Behavioral Science (IBS), Boulder, CO
- 2018      Digital Research Workflow workshop series, Center for Research Data and Digital Scholarship (CRDDS), Boulder, CO

- 2017 Socio-Environmental Synthesis Research (and proposal writing) workshop, National Socio-Environmental Synthesis Center (SESYNC), Annapolis, MD
- 2014 R for Fisheries Professionals, statistical tools workshop at the Oregon Chapter AFS annual meeting, Eugene, OR
- 2010 Media Training – Learning how to effectively interact with the press, American Fisheries Society, Oregon Chapter, Eugene, OR
- 2009 Wildlife corridors in agricultural ecosystems, Institute of Applied Ecology and Oregon State University joint workshop and field tours, Willamette Valley, OR
- 2008 Introduction to Modern Capture-Recapture Analysis: Open and Closed Populations, WEST, Inc. webinar workshop
- 2008 Designing Natural Resource Monitoring Surveys, USGS webinar workshop
- 2008 Resource Selection Functions, USGS webinar workshop
- 2005 Model Selection and Inference: Akaike Information Criteria (AIC), Research Advances in Fisheries, Wildlife and Ecology symposium, Oregon State University

#### **CERTIFICATES, CERTIFICATIONS, AND PROFESSIONAL ACCREDITATIONS**

- 2024 Certificate of Postdoctoral Mentoring Academy, Texas A&M University (TAMU)
- 2022 Certificate of College Teaching, Center for Teaching and Learning (CTL), University of Colorado Boulder (CU Boulder)
- 2020 Certificate of Science and Technology Policy, Center for Science and Technology Policy Research (CSTPR), CU Boulder
- 2019 Future Faculty Development Certificate, CTL, CU Boulder
- 2013-Present Human Research and Social Behavioral Research Investigator and Key Personnel training certificate, Institutional Review Board (IRB) CITI Program (exp. 2025)
- 2002-2005 Radiation Safety for Unsealed Radioisotope Work and with X-Ray Machines, Radiation Safety, Oregon State University, Corvallis, OR
- 2001-2003 PADI Divemaster, Emerald Valley Dive Center, Corvallis, OR
- 2001-2003 Habitat Diver in Animal Husbandry, Oregon Coast Aquarium, Newport, OR
- 2001 Research SCUBA Diver (valid at any academic institution worldwide), Oregon State University, Corvallis, OR
- 1999 Wildland Firefighter Certification (Red Card), US Forest Service

#### **SCUBA certifications (by certifying organization) since 1993**

- PADI – Open Water, Advanced Open Water, Rescue Diver (and Emergency First Response), Master SCUBA Diver, Divemaster, Altitude Diver, AWARE Fish ID, Boat Diver, Cave Diver, Deep Diver, Drift Diver, Dry Suit Diver, Equipment Specialist, Multi-level Diver, Night Diver, Peak Performance Buoyancy, Search and Recovery Diver, Underwater Naturalist, Underwater Navigator, Wreck Diver
- NAUI – Enriched Air Nitrox (EANx)