

JENNIFER F. BREWER

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EDUCATION AND EMPLOYMENT

Education

Ph.D. Human Geography, Clark University, Graduate School of Geography, 2007
M.S. Marine Policy, University of Maine, School of Marine Sciences, 2002
B.A. with Honors Art and Society, University of Michigan, College of Literature, Science and Arts, 1989

Primary Academic Appointments

Department of Geography, University of New Hampshire
Professor, August 2024-.
Associate Professor, August 2014-August 2024.
Department of Geography, East Carolina University
Associate Professor, August 2014.
Assistant Professor, August 2008-August 2014.
Institute for Coastal Science and Policy, East Carolina University
Associate Scientist, August 2014.
Assistant Scientist, August 2008-August 2014.

Additional Academic Affiliations

Affiliate Faculty, Natural Resources and Earth Systems Science, University of New Hampshire, fall 2017-.
Affiliate Faculty, Carsey School of Public Policy, University of New Hampshire, fall 2016-.
Courtesy Faculty, School of Forest Resources and Conservation, University of Florida, fall 2014-.

Other Professional Positions

Research and Policy Consultant (paid and pro bono), New England Aquarium, Maine Center for Coastal Fisheries, Maine Seacoast Mission, Massachusetts Fishermen's Partnership, Atlantic States Marine Fisheries Commission, 2001-2021.
Program Officer, Committee on the Human Dimensions of Global Change, National Research Council, National Academy of Sciences, Washington, DC, 2007-2008.
Manager, Kachemak Bay National Estuarine Research Reserve, Alaska Department of Fish and Game, Homer, Alaska, 2006-2007.
John A. Knauss National Oceanic and Atmospheric Administration Marine Policy Fellow, Office of Congressman Tom Allen, U.S. House of Representatives, Washington, DC, 2004-2005.
Group Leader and Placement Officer, Volunteers for Peace International Service Programs, Vermont and Mexico, 1994-1997.

GRANTS AND AWARDS

Grants - External

Ghayoomi, M. (PI), **J. Brewer** (CoPI), Research Experience for Undergraduates Supplemental Support, National Science Foundation, \$5700, 2021-2022.
Ghayoomi, M. (PI), **J. Brewer**, A. Kholodov (Co-PIs). 2020. NNA Track 2: Collaborative Research: Seismic Resilience and Adaptation of Infrastructure and Social Systems to Changing Arctic Environments, National Science Foundation, \$249,874, 2020-2022. (**J. Brewer** co-author)

Shehata, T. (PI), **J. Brewer**, K. Duderstadt, M. Vishneau (Co-PIs). Workshop Anticipating Economic Growth of Northern New England Coastal Communities, National Science Foundation, \$60,632, 2020-2022. (**J. Brewer** co-author.)

Morrison, J.R. (PI), C. Chen, J. Salisbury, A. Strong, **J. Brewer**, J. Goldstein, E. Chapman, M. White, R. Young-Morse (Co-PIs). A generic predictive model for ocean and coastal acidification thresholds from Long Island Sound to the Nova Scotian Shelf, National Oceanic and Atmospheric Administration, \$500,425, 2018-2021. (**J. Brewer** co-author.)

Brewer, J. (PI), Assessing a Community-Based Fisheries Stewardship Education Program, Maine Sea Grant, 2009-2010, \$4000. (**J. Brewer** sole author.)

Brewer, J. (PI), S. Robinson, G. LeDuc, C. Sherman, D. Bergeron (Co-PIs), Mapping Mobility: The Movement of New England Multispecies Vessels and Crew in New England and Beyond, Northeast Consortium, Collaborative Research Grant, 2004-2007, \$63,535. (**J. Brewer** co-author.)

Brewer, J. (Co-PI), Ecology, Participation and Co-Management: Heterogeneity in the Maine Lobster Fishery, National Science Foundation, Doctoral Dissertation Improvement Grant, 2000-2002, \$10,000. (**J. Brewer** sole author.)

Grants - Internal

Brewer, J. (PI), K. Duderstadt, J. Jacobs (Co-PIs). CiRCUiTs: Convergent Climate Response in Coastal Urbanization: Civic Spheres of Energy, Transportation, and Land Use in a Post-Pandemic World, Interdisciplinary Working Group, UNH Collaborative Research Initiative (CoRE), \$12,746, 2020-2021. (**J. Brewer** lead author.)

Gaudet, K., B. Bailey, **J. Brewer**, C. Golomski, L. Montás. Creating Civic Spaces: Home, City, and Nation, Faculty Seed Grant, Civil Discourse Lab Teagle Foundation Planning Grant, \$4000. 2020.

Senier, S. (PI), S. Peshkova, **J. Brewer**, K. Duderstadt (Co-PIs). Empowering Indigenous Resurgence toward a Sustainable World, Saul O. Sidore Lecture Series, University of New Hampshire, Center for the Humanities, \$25,000, 2020-2021. (**J. Brewer** co-author.)

Brewer, J., S. Senier, K. Duderstadt (Co-PIs), Indigenous Engagement, Murkland Interdisciplinary Scholar Team, University of New Hampshire, College of Liberal Arts, \$5000, 2018-2020. (**J. Brewer** co-author.)

Borda, J., R. Heath, D. Bromberg, B. Mallory, M. Holt-Shannon, **J. Brewer** (Co-PIs), Civic Health and Economic/Social Stratification, Murkland Interdisciplinary Scholar Team, University of New Hampshire, College of Liberal Arts, \$5000, 2018-2020.

Brewer, J. (PI), course development funds, Sustainability dual major, University of New Hampshire, \$2000, 2017. (**J. Brewer** sole author.)

Brewer, J. (PI), Prospects for Transformative Adaptation in the Wake of Fishery Collapse, Graduate School Summer Faculty Fellowship, University of New Hampshire, \$7290, 2015. (**J. Brewer** sole author.)

Brewer, J. (PI), Ecosystem-Based Fishing: Policy or Practice? Engagement and Outreach Research Grant, East Carolina University, 2010, \$4000. (**J. Brewer** sole author.)

Honors, Awards, and Fellowships

Finalist, Ostrom Memorial Award for Most Innovative Paper of the Year, *International Journal of the Commons*, 2012.

Engagement and Outreach Scholars Academy, East Carolina University, 2009-2010.

John A. Knauss Legislative Fellowship, National Oceanic and Atmospheric Administration, 2004-2005.

Pruser-Holzhauser Graduate Enhancement Funds, Clark Graduate School of Geography, 2003.

Coastal and Marine Specialty Group, Student Paper Award, Association of American Geographers, 2001.

Graduate Fellowship Honorable Mention, National Science Foundation, 1998.

PUBLICATIONS

* Graduate advisee or undergraduate mentee co-author

Guest-Edited Scholarly Journal Issue

Brewer, J.F., N. Watts, and G. Wandesforde-Smith, eds. 2016. “Law, Property, Markets, State: Governance of Fisheries in Less-developed Contexts.” Special issue of *Journal of International Wildlife Law and Policy* 19(4), 269-364.

Refereed Journal Articles

- Brewer, J.F.** and H.M. Hapke. 2024. “Escalating uncertainties require institutional transformation to support epistemological pluralism.” *npj: Ocean Sustainability*, 3(15), 1-3.
- Turner, M., M. Ghayoomi, K. Duderstadt, **J. Brewer**, A. Kholodov. 2023. “Climate Change and Seismic Resilience: Key Considerations for Alaska’s Infrastructure and Built Environment.” *Plos One*. 18(10), e0292320.
- Covi, M.*, **J. Brewer**, and D. Kain. 2021. “Sea Level Rise Hazardscapes of North Carolina: Perceptions of Risk and Prospects for Policy.” *Ocean and Coastal Management*, 212, 105809.
- Cantor, A., E. Stoddard, D. Rocheleau, **J. Brewer**, R. Roth, T. Birkenholtz, K. Foo, and P. Nirmal. 2018. “Putting Rooted Networks into Practice.” *ACME: An International Journal for Critical Geographies*, 17(4).
- Brewer, J.F.**, K. Molton, R. Alden, and C. Guenther. 2017. “Accountability, Adaptation, and Alternate Futures for New England Groundfish Catch Shares.” Special issue on Neoliberalism and Global Small-scale Fisheries, *Marine Policy*, 80, 113-122.
- Brewer, J.F.**, N. Springuel, J. Wilson, R. Alden, D. Morse, C. Schmitt, C. Bartlett, T. Johnson, C. Guenther, and D. Brady. 2017. “Engagement in a Public Forum: Knowledge, Action, and Cosmopolitanism.” *Antipode*, 49(2), 273-293.
- Brewer, J.F.** 2014. “Hog Daddy and the Walls of Steel: Catch Shares and Ecosystem Change in the New England Groundfishery.” *Society and Natural Resources*, 27(7), 724-741.
- Brewer, J.F.** 2014. “Harvesting a Knowledge Commons: Collective Action, Transparency, and Innovation at the Portland Fish Exchange.” *International Journal of the Commons*, 8(1), 155-178.
- Brewer, J.F.** 2013. “Making an Environmental Market, Unmaking Adaptive Capacity: Species Commodification in the New England Groundfishery.” *Geoforum*, 50, 172-181.
- Brewer, J.F.** 2013. “Toward a Publicly Engaged Geography: Polycentric and Iterated Research.” *Southeastern Geographer*, 53(3), 328-347.
- Brewer, J.F.** 2013. “Social Learning at the Community Fisheries Action Roundtable: From Personal Experience to Public Participation.” *Environmental Management*, 52(2), 321-334.
- Brewer, J.F.** 2012. “Revisiting Maine’s Lobster Commons: Rescaling Political Subjects.” *International Journal of the Commons*, 6(2), 319–343.
- Brewer, J.F.** 2012. “Don’t Fence Me In: Boundaries, Policy, and Deliberation in Maine’s Lobster Commons.” *Annals of the Association of American Geographers*, 102(2), 383-402.
- Brewer, J.F.** 2011. “Paper Fish and Policy Conflict: Catch Shares and Ecosystem-Based Management in Maine’s Groundfishery.” *Ecology and Society* 16(1), 15.
- Brewer, J.F.** 2010. “Polycentrism and Flux in Spatialized Management: Evidence from Maine’s Lobster Fishery.” *Bulletin of Marine Science* 86(2), 278-302.

Refereed National Academy of Sciences Reports (co-authored)

- National Research Council. 2009. *Informing Decisions in a Changing Climate*. Washington, DC: National Academies Press. 200 pp.
- National Research Council. 2009. *Public Participation in Environmental Assessment and Decision Making*. Washington, DC: National Academies Press. 322 pp.
- National Research Council. 2008. *New Directions in Climate Change Vulnerability, Impacts, and Adaptation Assessment: Summary of a Workshop*. Washington, DC: National Academies Press. 44 pp.
- National Research Council. 2008. *Review of U.S. Climate Change Science Program Draft Synthesis and Assessment Product 5.3: Decision-Support Experiments and Evaluations Using Seasonal to Inter-annual Forecasts and Observational Data*. Washington, DC: National Academies Press. 46 pp.

Editor-Reviewed Essays in Scholarly Journals

- Brewer, J.F.** and N.S.J. Watts. 2016. “Mending the Net: Property and Markets in Fisheries Policy for Less-developed Contexts.” Introduction to special issue of *Journal of International Wildlife Law and Policy* 19(4), 269-283.
- Brewer, J.F.** 2017. “Actualizing Marine Policy Engagement.” *Dialogues in Human Geography* 7(1), 45–49.
- Brewer, J.,** G. Wandesforde-Smith, and N. Watts. 2015. Adapting the Law of Fish and Wildlife to the Science of Climate Change. *Journal of International Wildlife Law and Policy*, 18(4), 355-368.

Edited Book Chapters and Sections

- Hazell, J. E.*, K. Lorenzen, and **J. Brewer**. 2021. Governance Evolution in the Dominica Fish Aggregation Device Fishery. In: Kerezi, V. and R. Chuenpagdee, Eds. *Blue Justice For Small-Scale Fisheries: A Global Scan*, e-book volume 2. TBTI Global Publication Series, St. John's, Newfoundland, Canada.
- Acheson, J.M. and **J.F. Brewer**. 2003. Changes in Territoriality in the Maine Lobster Fishery. In Dolsak, N. and E. Ostrom, eds., *The Commons in the New Millennium: Challenges and Adaptation*, 37-60. Cambridge: MIT Press.

Book Reviews

- Brewer, J.F.** 2018. Review of “Memory Lands: King Philip’s War and the Place of Violence in the Northeast.” *Northeastern Geographer* 10, 69-72.
- Brewer, J.F.** 2013. Review of *The Mortal Sea: Fishing the Atlantic in the Age of Sail*, by W. Jeffrey Bolster. *Journal of Historical Geography*, 43, 187-188.
- Brewer, J.F.** 2012. Review of *Resilient Coastal City Regions: Planning for Climate Change in the United States and Australia*, by Edward Blakely and Armando Carbonell. *Journal of Regional Science*, 52(4), 715-717.

Research, Policy, and Technical Reports

- Strong, A., P. Gassett, J. Goldstein, C. Feurt, S. Jones, M. White, R. Young-Morse, **J. Brewer**, J. Motyka, J. LeBlanc. 2022. Management Guidance for the Use of Ocean and Coastal Acidification Regional Model Outputs in the Northeast. Portsmouth, New Hampshire: Northeastern Regional Association of Coastal Ocean Observing Systems, 17 pp.
- Unibazo, J., J. Aurtenechea, M.A. Hausdorf, and **J. Brewer**. 2021. Marine Mammal Bycatch Assessment: Chile. Boston: New England Aquarium, 150 pp. (Released with 2015 publication date but completed and published in 2021.)
- Felix, F., **J.F. Brewer**, T.B. Werner, G. Merejildo Córdova, R. Cobo, A. Apolinario, G. Alvarado, A.V.A. Amorim, J. Unibazo, R. Hucke-Gaete, R. Medina. 2019. Implementation of the Marine Mammal Bycatch Assessment Project in Ecuador. Boston: New England Aquarium, 64 pp. (Released with 2015 publication date but completed and published in 2019.)
- North, E., M. Alber, **J. Brewer**, J. Churchill, R. Fulweiler. 2018. Capture Carbon, Keep the Poles Frozen, and Arrest Sea Level Rise: A Research Hub for Coastal Science, Engineering and Engagement. Submitted to National Science Foundation, Coastlines and People Workshop, 3 pp.
- Duderstadt, K. A., C. M. Ashcraft, **J.F. Brewer**, E. A. Burakowski, J. M. Coffin, J. E. Dibb, L. C. Hamilton, N. E. Kinner, L. A. Mayer, J. L. Miksis-Olds, J. E. Salisbury, K. D. Seger, R. K. Varner, C. P. Wake. 2018. Summary Report: Preparing for a Northwest Passage, a Workshop on the Role of New England in Navigating the New Arctic, University of New Hampshire, Durham, NH, 80 pp.
- Duderstadt, K., R. Alden, R., P. Berkman, **J. Brewer**, J. Dibb, R. Varner, C. Wake. 2018. Summary Report: Charting the Course for a New England Arctic Network (NEAN), University of New Hampshire, Durham, NH, 19 pp.
- Brewer, J.** 2016. International Marine Mammal Bycatch Project Research Design and Implications. Submitted to New England Aquarium, Boston, Massachusetts. 16 pp.
- Bordino, P. and **J. Brewer**. 2016. Argentina: Marine Mammal Bycatch Assessment. Submitted to New England Aquarium, Boston, Massachusetts. 75 pp.
- Felix, F. and **J. Brewer**. 2016. Implementation of the Marine Mammal Bycatch Assessment Project in Ecuador. Submitted to New England Aquarium, Boston, Massachusetts. 70 pp.
- Unibazo, J., J. Aurtenechea, M.A. Hausdorf, and **J. Brewer**. 2016. Marine Mammal Bycatch Assessment: Chile. Submitted to New England Aquarium, Boston, Massachusetts. 123 pp.

- Saltwater Connections. 2012. Garrity-Blake, B., B. Curran, C. Halsall, **J. Brewer**, J. Johnson, K. Amspacher. Resource Team Report & Resources: Buxton, Frisco & Hatteras Villages. Core Sound Waterfowl Museum and Heritage Center, Harkers Island, North Carolina. 46 pp. (**J. Brewer**, lead editor; authorship listed alphabetically by first name.)
- Saltwater Connections. 2012. Garrity-Blake, B., B. Hufford, **J. Brewer**, J. Johnson, L. Campbell. Resource Team Report & Resources: Down East, Harkers & Cedar Islands. Core Sound Waterfowl & Heritage Center, Harkers Island, North Carolina. 65 pp. (B. Hufford, lead editor; authorship listed alphabetically by first name.)
- Northwest Atlantic Marine Alliance. 2011. Maintaining Fleet Diversity in the New England Groundfish Fishery. Submitted to the New England Fishery Management Council. Gloucester, Massachusetts. 9 pp.
- Brewer, J.F.** 2011. Final Summary Report: Social Assessment of the Community Fisheries Action Roundtable. Submitted to Penobscot East Resource Center, Stonington, Maine. 18 pp.
- Bin, O., **J. Brewer**, R. Christian, D.R. Corbett, S. Culver, S. Curtis, R. Edwards, L. King, P. Long, D.J. Mallinson, L. Novick, M. O'Driscoll, S.R. Riggs, J. Rummel. 2008. Global Warming and Coastal North Carolina. Submitted to North Carolina State Senate President Marc Basnight. East Carolina University, Greenville, North Carolina. 32 pp.
- Brewer, J.F.** 2007. Home Port Fidelity in the Groundfishery of Portland, Maine. Report to Northeast Consortium, Durham, New Hampshire. Submitted to the New England Fishery Management Council in 2011. 43 pp.
- Brewer, J.F.** and R. Alden. 2003. Public Comment on Amendment 13 to the New England Multi-Species Fishery Management Plan. Submitted to the New England Fishery Management Council. 22 pp.
- Community Panels Project Participants in Portland, Maine and **J. Brewer**. Public Comment on Amendment 13 to the New England Multi-Species Fishery Management Plan. 15 pp. In Hall-Arber, M., B. McCay, D. Bergeron, S. Robinson, **J. Brewer**, J. Odell, L. Silva, D. Martins. 2003. Comments on Amendment 13 by the Community Panels Project. Submitted to the New England Fishery Management Council. 81 pp.
- Hall-Arber, M., B. McCay, D. Bergeron, S. Robinson, **J. Brewer**, J. Odell, L. Silva, D. Martins. 2003. Comments on Amendment 13 by the Community Panels Project. Submitted to the New England Fishery Management Council. 81 pp.
- Brewer, J.F.** and American Lobster Socio-Economic Subcommittee. 2002. Governance Issues in Fisheries Management. Report to Atlantic States Marine Fisheries Commission, Washington, DC. 14 pp.
- Alden, R. and **J.F. Brewer**. 2002. Lobster Apprentice Program Curriculum Workbook. Submitted to the Henry P. Kendall Foundation, Boston, Massachusetts. 45 pp.

Conference Proceeding

- Alden, R. and **J.F. Brewer**. 2000. Apprenticeship and Conservation Incentives, 8 pp. In *Microbehavior and Macroresults: Proceedings of the International Institute for Fisheries Economics and Trade*, July 10-14, Oregon State University, Corvallis, Oregon.

Other Publications

- Brewer, J.** 2012. "Fishing, Food Sovereignty, and La Via Campesina." Northwest Atlantic Marine Alliance blog.
- Brewer, J.** 2012. "NAMA at LVC Regional Meeting." Report for National Family Farm Coalition newsletter.
- Brewer, J.** 2009. Untitled essay. In Crocker, M., *Sharing the Ocean: Stories of Science, Politics, and Ownership from America's Oldest Industry*, 115. Gardiner, Maine: Tilbury House.

PRESENTATIONS

Invited Research Presentations

- Brewer, J.** 2022. After Solastalgia: Post-Disaster Collectivities. University of New Hampshire Art Museum, Durham, New Hampshire.
- Brewer, J.** 2021. What is Political Ecology and Why Does it Matter? First International Workshop on Seismic Resilience of Arctic Infrastructure and Social Systems, virtual.

- Brewer, J.,** K. Duderstadt, T. Shehata, M. Vishneau. 2021. Bridging the Gaps: Acting with Uncertainties. Maine North Atlantic Institute, virtual.
- Brewer, J.** 2021. Comments on Interdisciplinary Research, Arctic Research Consortium of the United States, Arctic Research Collaboration Workshop, virtual.
- Alden, R., R. Mellman, **J. Brewer**, T. Ames. 2017. Taking the Bait: Can We Manage a Commodity Fishery on an Ecosystem Basis? The Laws of Herring Workshop, Portland, Maine.
- Brewer, J.F.** and K. Molton. 2015. Alternate Futures for the New England Groundfishery? Polycentrism for Social Learning. School for Marine Science and Technology, University of Massachusetts Dartmouth, Fairhaven, Massachusetts.
- Brewer, J.F.** 2014. Accountability in a Dynamic System? The Challenge of Catch Shares in New England's Groundfishery. University of Florida, Gainesville, Florida.
- Brewer, J.F.** 2014. Adaptation to Environmental Change: Commodification or Capacity-Building in the New England Groundfishery? University of New Hampshire, Durham, New Hampshire.
- Brewer, J.F.** 2013. Adaptive Capacity of Quota Markets in the New England Groundfishery. Duke University Marine Laboratory, Beaufort, North Carolina.
- Brewer, J.F.** 2009. Governing Maine's Lobster Commons. Duke University Marine Laboratory, Beaufort, North Carolina.
- Brewer, J.F.** 2008. Co-Managing a Hybrid Commons: Flux, Boundaries and Maine's Lobster Fishery. Institute for Coastal Science and Policy, East Carolina University, Greenville, North Carolina; School of Fisheries and Ocean Sciences, University of Alaska at Fairbanks, Fairbanks, Alaska.
- Brewer, J.F.** 2008. Don't Fence Me In: Flux, Boundaries and Governance of Maine's Lobster Commons. Department of Political Science and Geography, Old Dominion University, Norfolk, Virginia.
- Brewer, J.F.** 2008. Vulnerability to Sea Level Rise. Department of Political Science and Geography, Old Dominion University, Norfolk, Virginia.
- Brewer, J.F.** 2007. Don't Fence Me In: Boundaries, Flux and the Governance of Maine's Lobster Commons. Department of Geography, University of South Carolina, Columbia, South Carolina.
- Brewer, J.F.** 2005. Stepping Out From the Ivory Tower: Policy Opportunities for Marine Scientists. Darling Marine Center, School of Marine Sciences, University of Maine, Walpole, Maine.
- Brewer, J.F.** 2004. View from the Hill: Legislative Initiatives. Marine Law Symposium, Roger Williams University School of Law, Bristol, Rhode Island.
- Brewer, J.F.** 2002. Limited Deliberation? Co-Managing the Enclosure of Maine's Lobster Commons. Institute for Fisheries Management and Coastal Community Development, North Sea Centre, Hirtshals, Denmark.

Research Presentations at Scientific Meetings

- Brewer, J.,** K. Duderstadt, T. Shehata, M. Vishneau. 2020. Anticipating a Century of Growth in Gulf of Maine Coastal Communities: Virtual Workshop Series. Regional Association for Research on the Gulf of Maine, virtual.
- Brewer, J.F.,** T. Werner, J. Unibazo, P. Bordino, F. Felix, J. Aurtenechea, M.A. Hausdorf, G. Merejildo Córdova, A. Apolinario, G. Alvarado, R. Cobo, E. Corradini, C. Petracchi, L. Tamini, R. Gonzalez, N. Garcia, E. Crespo, R. Hucke-Gaete, A.V.A. Amorim. 2019. Fisheries Bycatch of Marine Mammals: Knowledge & Policy Implications from South America. International Association for the Study of the Commons Biannual Meeting, Lima, Peru.
- Brewer, J.F.** 2018. Political Ecology of Civic Health. New England Political Science Association Annual Meeting, Portsmouth, New Hampshire.
- Brewer, J.F.** 2018. Toward Scholarly Collectivities. Association of American Geographers Annual Meeting, New Orleans, Louisiana.
- Brewer, J.F.** 2017. Civic Geography: From Cosmopolitanism to Agonism? Association of American Geographers Annual Meeting, Boston, Massachusetts.
- Brewer, J.F.** 2015. Scholarly Engagement as Rural Cosmopolitanism: Co-Learning for Fishery Management. New England-St. Lawrence Valley Geographical Society, Bridgewater, Massachusetts.
- Brewer, J.F.** 2014. Commodification and Adaptation in the New England Groundfishery: Building Capacity from Failed Markets? New England-St. Lawrence Valley Geographical Society, Durham, New Hampshire.

- Brewer, J.F.** 2014. From Market Failure to Capacity-Building: Catch Shares and Adaptation in the New England Groundfishery. 2nd World Small-Scale Fisheries Congress, Merida, Mexico.
- Brewer, J.F.** 2012. Adaptive Capacity of Quota Markets in the New England Groundfishery. Southeastern Division of the Association of American Geographers, Asheville, North Carolina.
- Brewer, J.F.** 2012. Brokering Community: Scale and Capital in the New England Groundfish Catch Share Program. Association of American Geographers, New York, New York.
- Brewer, J.F.** 2010. Sounding the Crevasse: Knowledge and Policy in New England Groundfish Management. Association of American Geographers Annual Meeting, Washington, DC.
- Brewer, J.F.** 2008. Polycentrism and Flux in Spatialized Management: Evidence from Maine. Florida State University William R. and Lenore Mote International Symposium: The Spatial Dimensions of Fisheries: Putting it all in Place. Mote Marine Laboratory, Sarasota, Florida.
- Brewer, J.F.** 2008. Fishing in the Public Sphere: Deliberation, Knowledge and Iteration in Groundfish and Lobster Co-Management. Association of American Geographers Annual Meeting, Boston, Massachusetts.
- Brewer, J.F.** 2006. Ecosystem Based Fisheries Management: From Household Practice to Federal Policy. Association of American Geographers Annual Meeting, Chicago, Illinois.
- Brewer, J.F.** 2004. Deliberating Diversity? Co-Management and Species Privatization in Maine's Groundfishery. Association of American Geographers Annual Meeting, Philadelphia, Pennsylvania.
- Brewer, J.F.** 2003. Limited Deliberation: Co-Managing the Enclosure of Maine's Lobster Commons. Association of American Geographers Annual Meeting, New Orleans, Louisiana.
- Brewer, J.F.** 2001. Lines in the Water: Limits, Bounds, and Spatial Strategies in the Maine Lobster Fishery. Association of American Geographers Annual Meeting, New York, New York.
- Acheson, J.M. and **J.F. Brewer.** 2000. Social Changes in Territoriality in the Maine Lobster Fishery. International Association for the Study of Common Property Biannual Meeting, Indiana University, Bloomington, Indiana.

Research Posters at Scientific Meetings

- Brewer, J.F.,** C.M. Guenther, R. Alden. 2013. Community Fisheries Action Roundtable: Industry Participation for Social Learning. Managing our Nation's Fisheries III, Washington, DC.
- Brewer, J.F.** and R. Alden. 2010. Fishing for Policy Change: Research Collaboration amidst Regulatory Conflict. 11th Annual National Outreach Scholarship Conference, Raleigh, North Carolina.

Selected Contributed Presentations and Posters

- Hazell, J.*, **J. Brewer**, K. Lorenzen. 2021. Changing Governance Structures Impact Long Standing Fisheries Norms, Fisheries and Aquaculture Commons Virtual Conference, International Association for the Study of the Commons, virtual.
- Aeowyn K.*, **J. Brewer**, K. Duderstadt, T. Shehata, M. Vishneau. 2021. Toward the Next Century: Envisioning and Designing Sustainable Coastal Communities. American Geophysical Union, virtual.
- Hazell, J.*, **J. Brewer**, K. Lorenzen. 2021. Defining Property Amid Changing Governance in an Offshore Fish Aggregation Device Fishery, Gulf and Caribbean Fisheries Institute, virtual.
- Turner M., M. Harris*, M. Ghayoomi, **J. Brewer**, K. Duderstadt, A. Kholodov, A. Shiklomanov. 2021. Connecting Climate Change and Seismic Resilience of Alaskan Infrastructure Systems, American Geophysical Union, virtual.
- Duderstadt, K., **J. Brewer**, T. Shehata, M. Vishneau. 2021. Charting community futures in a time of uncertainty, Maine North Atlantic Institute, virtual.
- Chen, C., J. Salisbury, **J. Brewer**, A. Strong, J. Goldstein, E. Chapman, M. White, R. Young Morse, J. LeBlanc, P. Gassett. 2020. A predictive model for ocean and coastal acidification thresholds from Long Island Sound to the Nova Scotian Shelf. Regional Association for Research on the Gulf of Maine, virtual.
- Duderstadt, K., R. Alden, P. Berkman, **J. Brewer**, J. Dibb, J. Ernakovich, L. Hamilton, L. Mayer, R. Varner, C. Wake. 2019. The New England Arctic Network. Gulf of Maine 2050, Portland, Maine.
- Morrison, J., C. Chen, J. Salisbury, **J. Brewer**, A. Strong, J. Goldstein, E. Chapman, M. White, R. Young-Morse, J. Motyka, P. Gassett. 2019. A Predictive Model for Ocean and Coastal Acidification Thresholds from Long Island Sound to the Nova Scotian Shelf. Gulf of Maine 2050, Portland, Maine.

- North, E., M. Alber, **J. Brewer**, J. Churchill, R. Fulweiler. 2018. Capture Carbon, Keep the Poles Frozen, and Arrest Sea Level Rise: A Research Hub for Coastal Science, Engineering and Engagement. Coastlines and People, Atlanta, Georgia.
- Guenther, C.M., **J.F. Brewer**, R. Alden. 2013. Fishery Access Strategies to support Ecosystem-based Management. Managing our Nation's Fisheries III, Washington, DC.
- Thigpen, J., S. West, **J. Brewer**, S. Mirabilio. 2010. Connecting Community and Commercial Fishermen to Create a Healthy Waterfront: Hatteras Island, North Carolina. Working Waterways and Waterfronts Symposium, Portland, Maine.
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COMMUNITY ENGAGEMENT

Recent Professional Development (last five years)

- Scenario Planning for Urban Futures, Lincoln Institute of Land Policy and University of Michigan, Ann Arbor, Michigan, 2023 (three days).
- Build Maine, virtual and Skowhegan, Maine, 2020, 2021, 2022, 2024 (one or two days each).
- Building Your Virtual Facilitation Skills, New Hampshire and Maine Cooperative Extension, virtual, 2021 (five two-hour workshops).
- Small Scale Development, Incremental Development Alliance, virtual, 2020 (two days).

Public Policy, Community Development, and Research Development

- Invited workshop participant, Advancing Climate-Resilient Fishing Communities, National Oceanic and Atmospheric Administration, Silver Spring, Maryland, 2024.
- Chair and appointed member, Rice Library Children's Garden Committee, Town of Kittery, Maine, 2021-.
- Group Facilitator, Arctic Research Consortium of the United States, Arctic Research Collaboration Workshop, virtual, 2021.
- Appointed member, Rice Library Building Committee, Town of Kittery, Maine, 2018-.
- Policy Advisor, Office of Julia O'Connell, Kittery Water District Trustee, Kittery, Maine 2020-2022.
- Candidate, Board of Trustees, Kittery Water District, Kittery Maine, 2020, 2021.
- Policy Advisor, Kittery Citizens Against Chloramines, Kittery, Maine 2019-2020.
- Invited Participant, NSF scoping workshop on Coastlines and People, Atlanta, Georgia, 2018.
- Field Volunteer, American Civil Liberties Union of New Hampshire, Portsmouth, New Hampshire, 2018.
- Workshop participant, Portsmouth Smart Growth for the 21st Century, Portsmouth, New Hampshire 2015-2018.
- Campus Liaison, Campus Election Engagement Project, New Hampshire Campus Compact, 2016.
- Study Circle member, City of Portsmouth Master Plan Review, Portsmouth Listens, Portsmouth, New Hampshire, 2015.
- Brewer, J.** Keynote address: Local-Global Linkages for Social Learning., Global Awareness Workshop, Pitt County Schools, Greenville, North Carolina, 2014.
- Co-Leader, Science Working Group, Fish Locally Collaborative, Northwest Atlantic Marine Alliance, Gloucester, Massachusetts, 2010-2013.
- Invited workshop participant, Fisheries Licensing for the Future, Penobscot East Resource Center and Maine Sea Grant, Freeport, Maine, 2012.
- Delegate and Observer for National Family Farm Coalition and Northwest Atlantic Marine Alliance at La Via Campesina North America Regional Meeting, International Commission on Migration and Rural Workers, and International Food Policy Meeting, Mexico City, 2012.
- Resource Team member, Saltwater Connections, Hatteras Island and Down East, North Carolina, 2012.
- Expert testimony, New England Fishery Management Council Research Steering Committee, Newburyport, Massachusetts, 2011.
- Academic Roundtable Participant, National Academy of Public Administration, NOAA Climate Service Study, Washington, DC, 2010.
- Climate Working Group, Consortium for Ocean Leadership, Washington, DC, 2009-2010.

Service Learning Engagement

Board of Directors, Volunteers for Peace International Service Programs, Burlington, Vermont, 1997-2013.

Executive Officer, Volunteers for Peace International Service Programs, Belmont, Vermont, 1997-2009.

Designee for Regional Vice-President of the Americas, Coordinating Committee for International Voluntary Service, Paris, France. Seminar on Europe-Latin America Cooperation in the Field of Youth Voluntary Service, Lima, Peru, May 2005.

Designee for Regional Vice-President of the Americas, Coordinating Committee for International Voluntary Service, Paris, France. Conference on Mobilizing Social Capital and Voluntary Service in Latin America, Santiago, Chile, May 2003.

TEACHING AND MENTORING

Graduate Student Supervision

University of New Hampshire

Thesis co-supervisor, Aeowyn Kendall, MS Hydrology, 2023. "Shallow Geothermal Energy Systems in the Northeastern United States: Borehole Distancing and Policy Considerations."

University of Florida

Dissertation co-supervisor, Joy Hazell, PhD student, Fisheries and Aquatic Sciences, 2014-. Dissertation topic: management institutions and fish aggregating devices in Dominica. Fulbright Student Research Grant recipient 2016-2017.

East Carolina University

Dissertation supervisor, Michelle Covi, PhD Coastal Resources Management, 2014. "Water's Gonna Rise: Sea-Level Rise Risk Perception, Communication, and Policy-Making in North Carolina." Post-degree: Assistant Professor of Practice, Old Dominion University, Norfolk, Virginia.

Internship and report supervisor, Chris Lawson, MA Geography, 2014. "Town-Gown Relations in Downtown Revitalization: Small City, Rural Region." Post-degree: Planning Department, City of Virginia Beach, Virginia.

Additional Student Supervision and Committee Service

University of New Hampshire

Graduate student committee member: Claire Eaton, MS, Natural Resources, 2019; Jochen Wirsing, PhD student, Sociology.

NSF Undergraduate Research Experience supervisor, Seismic Resilience of Alaskan Infrastructure, Michael Harris, Geography major, 2021.

Undergraduate Special Project supervisor, Political Geography of Taiwan, Matthew Geason, Geography minor, 2016.

East Carolina University

Graduate student committee member: Stephanie Hoekstra, PhD, Coastal Resource Management, 2015; Jennifer Cudney, PhD, Coastal Resource Management, 2015; Alex Moulton, MA, Geography, 2015; Dylan McDonnell, MA, Geography, 2013; Richard Kennedy, MA, Geography, 2013; Alyssa Randall, BA Honors, Geography, 2013; Hilda Bryan, MA, Geography, 2012; Ben Deck, MA, Geography, 2010.

Courses Taught

University of Florida

Fisheries and Aquatic Sciences: Advanced Research

University of New Hampshire

Geography: There Is No Planet B, Political Ecology, Field Research, Geography of the Natural Environment, Making Change: Social and Environmental Justice in Practice, Issues in Environmental Geography, Internship, Special Project, Independent Study

Public Policy: Fundamentals of Policy Analysis

East Carolina University

Coastal Resource Management: Coastal Policy, Fisheries and Society, Ecological Approaches to Coastal Management

Geography: Introduction to Geography: People, Places and Environments, Practicum in Rural Development, Field Methods: Qualitative Research, Seminar in Human Geography: Adaptation to Climate Change

SERVICE

External – Promotion and Tenure

External Committee Member, Department of Security Studies, University of New Hampshire at Manchester, 2023.

External Reviewer, Department of Anthropology, Idaho State University, 2023.

External Reviewer, Department of Political Science and Geography, Old Dominion University, 2021.

External Reviewer, South African Research Chairs Initiative, National Research Foundation, South Africa, 2017.

Reviewer – Assessments and Research Proposals

Review Panelist, Adaptation Sciences, National Oceanic and Atmospheric Administration, 2024.

Review Panelist, Coastlines and People Program, National Science Foundation, 2019, 2022.

Review Panelist, Convergence Accelerator, National Science Foundation, 2021.

Review Panelist, Collaborative Research Excellence Initiative, University of New Hampshire, 2018, 2019, 2021.

Reviewer, Arctic Social Sciences Program, National Science Foundation, 2019.

Reviewer, Multidisciplinary Social Sciences, Social Sciences and Humanities Research Council of Canada, 2018.

Reviewer, Social, Behavioral, and Economic Sciences Postdoctoral Research Fellowship, National Science Foundation, 2018.

Review Panelist, Coupled Natural-Human Systems Program, National Science Foundation, 2017.

Reviewer, International Social Science Council, Transformations to Sustainability Program, 2015.

Reviewer, Geography and Spatial Statistics Program, National Science Foundation, 2014-2015.

Reviewer, Cultural Anthropology Program, National Science Foundation, 2014, 2015.

Reviewer, Social Science and Human Dimension Program, Oregon Sea Grant, 2014.

Reviewer, Carolinas Integrated Sciences and Assessments contribution to the National Climate Change Adaptation Assessment of the US Global Change Research Program, 2012.

Review Panelist, National Estuarine Research Reserve System, Science Collaborative Program, National Oceanic and Atmospheric Administration, preliminary and final proposals and rebuttal letters, 2010, 2011, 2012.

Reviewer, Human Dimensions Program, Northeast Sea Grant Consortium, 2011.

Reviewer – Journal Manuscripts

Action Research, Annals of the American Association of Geographers, Applied Geography, Biological Conservation, The Canadian Geographer, Conservation and Society, Dialogues in Human Geography, Ecology and Society, Environmental Modeling and Assessment, Environmental Science and Policy, Geoforum, International Journal of the Commons, Journal of International Wildlife Law and Policy (6), Marine Policy, Northeastern Geographer (2), Ocean and Coastal Management (6), Plos One, The Professional Geographer, Society and Natural Resources (2), Studies in Higher Education (4)

Reviewer – Book Proposals

Reviewer, book proposal, Routledge publisher, 2020.

Reviewer, book proposal, Edward Elgar publisher, 2018.

Workshops and Speaker Panels Organized

Lead Organizer, CiRCUITs: Convergent Climate Response in Coastal Urbanization workshop series, included facilitated virtual discussions on impact finance and participatory action research, 2021-2022.

Co-Organizer, First International Workshop on Seismic Resilience of Infrastructure and Social Systems, Anchorage, Alaska and virtual, 2021.

Co-Organizer, Coastlines and People virtual workshop series, included facilitated discussions on youth aspirations for coastal communities and scientific engagement with coastal communities, 2021.

Co-Organizer, Sidore Lecture Series, Honoring the Mother of All People: Contemporary Indigenous Leadership in Revitalizing Environmental and Cultural Sustainability, included virtual panel discussions on indigeneity and heritage, environmental ethics, knowledge-making, cultural curation, storytelling, and a theatrical reading, 2021.

Co-Organizer and Session Organizer, Charting the Course for a New England Arctic Network, included presentations and roundtable discussions, Durham, New Hampshire, 2018.

Steering Committee and Panel Organizer, Preparing for a Northwest Passage: A Workshop on the Role of New England in Navigating the New Arctic, included presentations and roundtable discussions, Durham, New Hampshire, 2018.

Advisory Committee and Speaker Host, Arctic Seminar Series, included five guest speakers on biophysical science and cultural curation, Durham, New Hampshire, 2017.

Co-Organizer and Panel Session Chair, three-panel series honoring the work of Dianne Rocheleau, Annual Meeting of the American Association of Geographers, 2017.

Conference Organizing Committee and Paper Session Chair, New England-St. Lawrence Valley Geographical Society Annual Meeting, Durham, New Hampshire, 2014.

Co-Organizer, paper session on Science-Practice Relationships, Annual Meeting of the Association of American Geographers, 2010.

Institutional Service

University Service, University of New Hampshire

Member, University Committee for the Sustainability Dual Major, 2023-.

Convention delegate for Local #6769, American Federation of Teachers-New Hampshire, 2023.

Advisor, Civil Discourse Lab, Stories and Voices: An Interactive Dialogue Engaging Water, 2022-2023.

Member, Graduate Curriculum Committee, School of Marine Science and Ocean Engineering, 2021-2023.

Member, Advising Committee, College of Liberal Arts, 2021-2023.

Membership Committee, UNH chapter, American Association of University Professors, 2018, 2020.

Member, Arctic Interdisciplinary Working Group, 2017-2020.

Faculty Mentor, Undergraduate Research Conference student posters, 2016, 2018.

Faculty Senator for Departments of Geography and Anthropology, 2015-2017.

Faculty Senate Campus Planning Committee, 2016-2017.

Faculty Senate Finance and Administration Committee, 2015-2016.

Admissions Committee, Master of Public Policy program, Carsey School of Public Policy, 2016.

Department Service, University of New Hampshire

Department Chair, Department of Geography, 2020-.

Geography Bowl Team Coordinator, Department of Geography, 2015-17, 2020-.

Internship Coordinator, Department of Geography, 2014-.

Undergraduate Major Advisor, Department of Geography, 2014-.

Chair, Environmental Justice Proposal Advisory Group, Department of Geography, 2023.

Chair, Faculty Hiring Committee, Department of Geography and Women's and Gender Studies, 2022-2023.

Faculty Mentor, Student Association of Geographers, 2015-2022.

Library Liaison, Department of Geography, 2017-2022.

Chair, Lecturer Promotion Committee, Department of Geography, 2021.

Chair, Postdoctoral Diversity Innovation Scholar Hiring Committee, Department of Geography and Women's and Gender Studies, 2020-2021.

Interim Chair, Department of Geography, 2019.

Faculty Search Committee, Department of Geography, 2014-2015.

University Service, East Carolina University

Coordinator, Graduate Certificate in Economic Development, 2013-2014.

Carnegie Team Member, Office of Public Service and Community Relations, 2013-2014.

Invited participant, workshop on public service, Chancellor's Leadership Academy, 2013.

Invited seminar speaker, Honors College, 2013.

Engagement and Outreach Coach, Office of Public Service and Community Relations, 2012-2013, 2013-2014.

Assessment Committee, Economic Development Masters Certificate Program, 2011.

Department and Institute Service, East Carolina University

Examiner, Coastal Resource Management Doctoral Program comprehensive exams, 2014.
Social Committee, Department of Geography, 2009-2010, 2013-2014.
Human Geographer Faculty Search Committee, Department of Geography, 2012-2013.
Graduate Committee, Department of Geography, 2010-2013.
Admissions Committee, Coastal Resource Management Doctoral Program, 2010-2012.
Advisory Committee, Department of Geography, 2009-2010.
Water Resources Faculty Search Committee, Institute for Coastal Science and Policy, 2009.
Social Sciences Faculty Search Committee, Institute for Coastal Science and Policy, 2009.
Curriculum Committee, Department of Geography, 2008-2009.

Other Professional Service

Geography Bowl Judge and Scorekeeper, New England-St. Lawrence Valley Geographical Society Annual Meeting, 2014, 2015.

FIELD EXPERIENCE AND LANGUAGES

International Field Experience

South America, four months in 1992, 2003, 2005, 2014, 2019
Mexico, four months in 1994, 1995, 2012
Southern and western Europe, one month in 1989
Eastern and central Europe, five months in 1987

Languages

Spanish: fluent speaking, proficient reading and writing
Polish: rudimentary speaking, reading, writing

8/17/24