

PROFESSIONAL PROFILE

I am an environmental social scientist at Washington Sea Grant, University of Washington (Seattle), and a liaison/research associate at NOAA Northwest Fisheries Science Center. My work focuses on social and cultural dimensions of Pacific Northwest marine ecosystems with a current focus on ocean acidification and climate change, ecosystem-based fisheries management, and food systems.

ACADEMIC QUALIFICATIONS

Postdoc Fellow 2009-10	Institute for Culture and Ecology	Human Ecology Mapping
Ph.D., 2009	University of Washington	Environmental Anthropology
M.A., 2004	University of Washington	Anthropology
B.A 1995	Whitworth University	Sociology & Spanish

PROFESSIONAL APPOINTMENTS

- Oct 2013 – present **Environmental Social Scientist and Liaison.** University of Washington, Washington Sea Grant Program, and liaison/research associate at NOAA Northwest Fisheries Sciences; Seattle WA
- Sept 2012 – Sept 2013 **Research Social Scientist.** Contract with NOAA Northwest Fisheries Sciences; Seattle WA
- Mar 2012 – present **Research Social Scientist, Principal.** Northwest Sustainability Institute, *Contract scientist and applied research services*; Seattle WA
- Nov 2009 – Mar 2012 **Principal Investigator, Senior Research Associate.** Institute for Culture and Ecology; Seattle, WA
- Mar 2009 – Mar 2010 **Postdoctoral Fellow.** Institute for Culture and Ecology; Seattle, WA
- Mar 2006 – Oct 2008 **Social Scientist/GS-11, STEP.** USDA Forest Service, Pacific Northwest Research Station, Communities & Forest Management Team; Seattle, WA
- Sept 2004 – Mar 2006 **Research Assistant.** University of Washington and USDA Forest Service Pacific Northwest Station Joint Venture Agreement; Seattle, WA
- Sept 2000 – Mar 2005 **Instructor, Research & Teaching Assistant.** Anthropology & Geography Departments, Institute for Transnational Studies, and School of Forest Resources, University of Washington; Seattle WA

SELECTED PEER-REVIEW PUBLICATIONS

- Poe, M;** Donatuto, J.; Satterfield, T. (2016) "Sense of Place:" Human Well-being Considerations for Ecological Restoration in Puget Sound, *Coastal Management* in press
- Hicks, C., Levine, A., Agrawal, A., Basurto, X., Breslow, S., Carothers, C., Charnley, S., Coulthard, S., Dolsak, N., Donatuto, J., Garcia Quijano, C., Mascia, M.B., Norman, K., **Poe, M.**, Satterfield, T., St. Martin, K., Levin, P.S. (2016) Social science and the quest for sustainability in the Anthropocene. *Science* in press
- Levin, PS, Breslow, S, Harvey, C, Norman, K, **Poe, M.R.**, Williams, G, and Plummer, M. (2016) Conceptualization of the Social-Ecological Systems of the California Current: an examination of interdisciplinary science supporting ecosystem-based management. *Coastal Management.* in press
- Poe, M;** Levin, P; Tolimieri, N; Norman, K (2015) Subsistence Fishing in a 21st Century Capitalist Society: from commodity to gift. *Ecological Economics* 116:241-250.

- Wassilie, K; **Poe**, M. (2015) Pacific Walrus and Coastal Alaska Native Subsistence Hunting: Considering Vulnerabilities from Ocean Acidification, *Earthzine*
- Charnley, S; **Poe**, M; Spies, T; Ager, A; Platt, E; Olsen, K. (2015) "A Burning Problem: Social Dynamics of Disaster Risk Reduction through Wildfire Mitigation in the Western United States," *Human Organization* 74:329-340.
- Charnley, S; McLain, R; **Poe**, M.R (in review) Natural Resource Access Rights and Wrongs: Nontimber Forest Products Gathering in Urban Environments.
- Breslow, S. ... **Poe**, MR, et al. (in review). Conceptualizing and Operationalizing Human Wellbeing for Ecosystem-Based Management
- Harvey, C.J., Reum, J.C.P, **Poe**, M.R., Williams, G.D, and Kim, S.J. (in review). Using conceptual models and qualitative network models to advance integrative assessments of marine ecosystems, *Coastal Management*
- Poe**, M. R., Norman, K. C., & Levin, P. S. (2014). Cultural Dimensions of Socioecological Systems: Key Connections and Guiding Principles for Conservation in Coastal Environments. *Conservation Letters*, 7(3), 166-175.
- Poe**, M. R., LeCompte, J., McLain, R., & Hurley, P. (2014). Urban Foraging and the Relational Ecologies of Belonging. *Social & Cultural Geography*, 15(8): 901-919.
- McLain, R. J., Hurley, P. T., Emery, M. R., & **Poe**, M. R. (2014). Gathering "wild" food in the city: rethinking the role of foraging in urban ecosystem planning and management. *Local Environment*, 19(2), 220-240.
- Poe, M;** McLain, R; Emery, M; Hurley, P. (2013). "Urban Forest Justice and Rights to Wild Foods, Medicines and Materials in the City," *Human Ecology* Vol 41(3) 409-422.
- McLain, R, **Poe**, M, Biedenweg, K, Cervený, L, Besser, D and Blahna, D. 2013. "Making sense of human ecology mapping: Approaches to integrating sociocultural data into GIS-based environmental planning." *Human Ecology*. Volume 41 (5): 651-665
- McLain, R; **Poe**, M; Hurley, P; LeCompte-Mastenbrook, J; Emery, M. (2012). "Producing Edible Landscapes in Seattle" *Urban Forests Urban Greening*, Volume 11, Issue 2.
- Charnley, S & **Poe**, M.R. (2007). "Community Forestry in Theory and Practice: Where are We Now?" *Annual Review of Anthropology*, Volume 36: 301-336.

EDITED VOLUMES AND BOOK CHAPTERS

- Levin, PS and **Poe** MR. Editors. (forthcoming). *Conservation in the Anthropocene Ocean: Interdisciplinary Science in Support of Nature and People*. Elsevier, San Diego, CA.
- Poe**, MR and Levin, PS. (forthcoming). "Conservation in the Anthropocene from a Dwelling Perspective" in *Conservation in the Anthropocene*, eds. Levin and Poe, Elsevier, CA.
- Poe**, M. R., LeCompte, J., McLain, R., & Hurley, P. (2016). "Urban Foraging and the Relational Ecologies of Belonging." *Vegetal Politics: Belonging, Practices and Places*, eds. Lesley Head, Jennifer Atchison, Catherine Phillips, Kathleen Buckingham. Routledge, New York, NY.
- Hurley, P; Emery, M; McLain, R; **Poe**, M; Grabbatin, B; Goetcheus, C. (2014) "Whose Urban Forest? The Political Ecology of Foraging Urban Nontimber Forest Products" in Isenhour, Cindy, Gary McDonogh, and Melissa Checker, eds. *Sustainability in the Global City: Myth and Practice*. Cambridge University Press, 2014: 187-212.
- Poe**, Melissa R. (2009). Wild Mushrooms, Forest Governance, and Conflict in the Northern Sierra of Oaxaca. *PhD Thesis*. University of Washington, Seattle.

TECHNICAL PUBLICATIONS

- Poe**, M.R. (2016, 2014). Section author: "Personal Use: Subsistence and Informal Economic Practices Among Commercial Fisheries" in the Annual State of the California Current, A report of the NMFS Northwest and Southwest Fisheries Science Centers Integrated

Ecosystem Assessment. <http://www.pcouncil.org/ecosystem-based-management/annual-state-of-the-california-current-ecosystem/>

- Martone, R; Mach M; Walecka, H; Kappel, C; Scarborough, C; Halpern, B; Samhour, J; Stier, A; **Poe**, M; Levin, P. 2016. Gwaii Haanas Marine Ecological Indicators: A synthesis of marine ecological indicators assessed for their suitability for monitoring species, habitats, food webs, and drivers in Gwaii Haanas marine ecosystems. Ocean Tipping Points: Center for Ocean Solutions, National Center for Ecological Analysis and Synthesis and the National Oceanographic and Atmospheric Administration. 90pp.
- Poe**, M.R., Watkinson, M; Trosin, B; Decker, K. (2015) *Social Indicators for Washington Coast Integrated Ecosystem Assessment*. Report to Washington Department of Natural Resources in fulfillment of Interagency Agreement IAA 14-204. *Washington Sea Grant WSG-TR 15-07*.
- Donatuto, J and **Poe**, M. (2015). Evaluating Sense of Place as a Domain of Human Well-Being for Puget Sound Restoration. Technical Report to Puget Sound Institute, Tacoma, WA
- Breslow, S; Holland, D; Levin, P; Norman, K; **Poe**, M; et al. (2014) "Human Dimensions of the CCIEA." in: Harvey, C.J., N. Garfield, E.L. Hazen and G.D. Williams (eds.). *The California Current Integrated Ecosystem Assessment: Phase III Report*. Available from <http://www.noaa.gov/iea/CCIEA-Report/>
- Dillingham C, **Poe** M, et.al. (2008). "Northwest Forest Plan-The First Ten Years: Socioeconomic Monitoring of the Okanogan-Wenatchee National Forest and Five Local Communities," *PNW Research Station Gen. Tech. Report, PNW-GTR-761*.

COLLABORATIVE RESEARCH ACTIVITIES

- **Collaborating Scientist**, NOAA California Current Integrated Ecosystem Assessment; Northwest Fisheries Sciences Center, Seattle, Human Dimensions team, September 2012-present.
- **Collaborating Scientist**, Ocean Modeling Forum, Pacific Herring working group. 2016-2017
- **Co-Principal Investigator**, Ocean Tipping Points (with PIs Carrie Kappel and Phil Levin), Cultural-Ecological dimensions of Pacific Herring in Haida Gwaii, National Center for Ecological Analysis and Assessment, September 2014-2016.
- **Co-Principal Investigator**, Ocean Change and Indigenous Health and Wellbeing, collaboration with Squaxin Island Tribe, and Co-PI Jamie Donatuto, March 2015-2016.
- **Advisory Team**, Puget Sound Partnership Social Science Advisory Team, 2012-present.
- **Co-Principal Investigator**, Evaluating Community Wellbeing as a Place-Based Cultural Ecosystem Service of the Puget Sound Region of the Salish Sea, with Swinomish Indian Tribal Community and Squaxin Island Tribe, July 2013-December 2014.
- **Collaborating Scientist**, Social Wellbeing Indicators for Marine Management; NOAA-UW-Washington Sea Grant social science collaboration and expert working group, Seattle, September 2012-September 2015.
- **Contributing Scientist**, Lenfest Fishery Ecosystem Taskforce; Cultural Dimensions of EBFM, September 2014- present.
- **Collaborating Scientist**, Green Cities Research Alliance (GCRA), Collaborative interdisciplinary effort on urban sustainability (www.fs.fed.us/pnw/research/gcra/), Seattle, 2009-present.

PROFESSIONAL AND COMMUNITY SERVICE

- **Board of Directors**, City Fruit, stewardship & food security organization, Seattle, 2014 to present
- **Academic Reviews**, Conservation Biology, Coastal Management, Ecological Economics, Human Ecology, Journal of Ethnobiology
- **Chair**, Panel on Climate Change and Salish Food Systems, Salish Sea Ecosystem Conference, 2016
- **Chair**, Panel on Fishing for Food: the role of fish in local, regional and national food systems in North America, Society for Applied Anthropology Conference, Vancouver BC, 2016

- **Discussant**, Collaborations in a Climate of Change: Addressing Environmental Challenges through Culturally Appropriate Intersections of Research, Policy and Practice, Society for Applied Anthropology Conference, Vancouver BC, 2016
- **Traditional Foods Wellness Network**, Seattle Children's Hospital/Ronald McDonald House, assist coordination of traditional foods donations for indigenous patients/families, 2011-present
- **Discussant**, Community considerations in fisheries systems, examining the impacts of privatization, Society for Applied Anthropology Conference, Pittsburgh, PA 2015
- **Chair**, Coastal food systems in North America: interactions, livelihoods, environmental change and governance, Society for Applied Anthropology Conference, Albuquerque, NM 2014
- **Equity Subcommittee**, Puget Sound Regional Food Policy Council, 2011 to 2013
- **Workshop Co-facilitator**, Indigenous Ecological Knowledge, Seattle Race Conference, 2012
- **Collaborator**, Traditional Plants & Foods program, Northwest Indian College, 2009-2012
- **Planning Committee**, Traditional Food Summit, a collaborative Native-led summit to discuss cultural, political, and ecological dimensions of aboriginal food practices, Seattle, March 2011
- **Diversity Committee member**, Univ of Washington, Dept of Anthropology, Seattle, 2006-08
- **Teaching Effectiveness Committee**, U. of Washington Dept. of Anthropology, Seattle, 2002-2004
- **Coordinator**, Environment and Society Interdisciplinary Forum, U Washington, Seattle, 2001-02

AWARDS AND HONORS

- **Postdoctoral Fellow**, Institute for Culture and Ecology, *Human Ecology and Regional Participatory Mapping in Olympic Peninsula Communities*; Seattle Mar 2009 – Mar 2010
- **Invited Scholar**, National Science Foundation course on Research Methods in Ethnoecology, Duke University Marine Lab, Beaufort, NC, 2010
- **Graduate Research Fellow**, Doctoral Research, *Community and Indigenous Forestry in Oaxaca Mexico*; Dept of Anthropology, U of Washington; Seattle, WA Sept 2001– Mar 2009
- **Merit Award for Superior Performance**, USDA Forest Service, Pacific Northwest Research Station
- **Civil Rights Competitive Award**, USDA Forest Service, Pacific Northwest Research Station
- **Graduate Opportunity Minority Affairs Program Fellowship**, University of Washington
- **Distinguished Dissertation nominee**, University of Washington
- **Merit Scholarship**, Baldwin Scholarship, University of Washington
- **Chester Fritz Graduate Fellowship**, University of Washington
- **Sociology-in-Action Award**, Whitworth University

PROFESSIONAL SOCIETIES AND MEMBERSHIPS

Society for Applied Anthropology
 Society for Conservation Biology
 Association of American Geographers