

SARAH A. EBEL

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EDUCATION

- 2019 Ph.D., Anthropology and Environmental Policy, University of Maine, Orono, ME.
Dissertation Title: *In Hot Water: A Multi-level Analysis of Structure, Agency, and Adaptive Governance in Chile's Lakes Region.*
Committee: Dr. Christine Beitzl, Dr. Heather Leslie, Dr. Teresa Johnson, Dr. Stefan Gelcich
- 2010 B.A. Biology/Environmental Studies, Bowdoin College, Brunswick, ME
- 2009 School for Field Studies: Coastal Studies, Mexico Spring 2009

RESEARCH INTERESTS

Marine Conservation, Environmental Policy, Political Ecology, Environmental Anthropology, Economic Anthropology, Fisheries and Coastal Management, Climate Change Adaptation, Livelihoods, Natural Resource Governance Institutions, Environmental Justice

ACADEMIC APPOINTMENTS AND POSITIONS HELD

- 2019-present Assistant Professor of Anthropology, Idaho State University, Pocatello, Idaho
- 2021-present Affiliate Faculty Member, Sociology, Social Work and Criminology, Idaho State University
- 2020-present Director, *La Fuerza del Buzo*, 501c3
- Spring 2019 Visiting Faculty Member, College of the Atlantic, Bar Harbor, Maine
- 2018-2019 Instructor on Record, School of Marine Science, University of Maine, Orono
- 2017-2018 Chase Distinguished Research Assistantship, University of Maine, Orono
- 2017 Susan Hunter Teaching Fellow, University of Maine, Orono
- 2017 Instructor, University of Maine, Farmington
- 2015-2017 National Science Foundation Adaptation to Abrupt Climate Change IGERT Fellow, University of Maine, Orono
- 2011-2012 Island Institute Fellowship, Maine Center for Coastal Fisheries Marine Outreach Fellow, Stonington, ME
- 2010-2011 Thomas J. Watson Fellowship, "In Motion with the Ocean: Community Organizing in Coastal Communities" (Chile, New Zealand, Indonesia, Tanzania, Scotland)

RESEARCH

Funded and Pending Grants (* signifies external award)

- 2022 *Fulbright Scholar Award: Social Sciences, Humanities and Education, Western Hemisphere: Chile; **Pending**
- 2022 *National Science Foundation Idaho EPSCoR Summer Authentic Research Grant, **PI**, \$4,000: **Awarded**
- 2022 *National Science Foundation EPSCoR, "Barriers and opportunities for adaptation to socio-ecological change: Exploring exclusion and environmental privilege in Teton Valley, Idaho" **PI**; \$41,941: **Awarded**

- 2021 *Idaho Humanities Council SHARP Grant, **Co-PI**, \$2,500: **Awarded**
- 2021 *National Science Foundation EPSCoR Large Grant, “Tackling uncertainty: Coupling Stakeholder and Biophysical Scenarios under a multifaceted research program”, **Co-PI**; \$150,000: **Awarded**
- 2021 Idaho State University Office of Research Seed Grant, “Barriers and Opportunities for adaptation to socio-ecological change”, **PI**, \$20,000: **Awarded**
- 2021 *National Science Foundation Idaho EPSCoR Summer Authentic Research Grant, **PI**, \$4,000, **Awarded**
- 2021 *National Science Foundation Idaho EPSCoR Summer Authentic Research Grant, **PI**, \$4,000: **Awarded**
- 2020 *National Science Foundation Idaho EPSCoR Summer Authentic Research Grant, **PI**, \$4,000: **Awarded**
- 2020 Idaho State University Internal Small Grant Award, “Vulnerability and Adaptive Capacity in Chile’s Fishing Communities **PI**, \$3,870: **Awarded**
- 2019 *National Science Foundation Established Program to Stimulate Competitive Research (EPSCoR) grant, “Genes to Environment: Modeling, Mechanisms, and Mapping (GEM3)”; Socio-Ecological Systems Team, **Research Personnel, ISU Leader**, \$20 million
- 2019 University of Maine Travel Award: \$500; **Awarded**
- 2018 University of Maine Travel Award: \$600; **Awarded**
- 2017 *Wenner-Gren Dissertation Fieldwork Grant, **PI**, “Policy, Agency, and Collective Action: A Multilevel Analysis of Chile’s Territorial Use Rights in Fisheries Policy, \$19,004: **Awarded**
- 2017 University of Maine Travel Award: \$500: **Awarded**
- 2016 National Science Foundation Integrated Graduate Education and Research Traineeship International Travel Funds Grant for Preliminary Research in Chile, **PI**, \$5,000: **Awarded**
- 2015 *National Science Foundation Integrated Graduate Education and Research Traineeship Grant (IGERT): Adaptation to Abrupt Climate Change, \$60,000: **Awarded**
- 2010 *Thomas J. Watson Fellowship: \$25,000, **Awarded**

Declined Grants

- 2021 *Fulbright Scholar Award: Social Sciences, Humanities and Education, Western Hemisphere: Chile
- 2020 *Wenner-Gren Foundation Post PhD Grant, **PI**, \$20,000

Publications (+ denotes advisee)

Peer reviewed publications

- 2021** **Ebel, S.A.**, Torre, M.P, Beitzl, C.M. Values underlying preferences for adaptive governance in a small-scale fishing community in Chile. *Environmental Values*, 30(5): 565-591. Doi 0.3197/096327120X15973379803717. Impact Factor 2.518.
- 2020** **Ebel, S. A.** Moving Beyond Co-Management: Opportunities and Limitations for Enabling Transitions to Polycentric Governance in Chile’s Territorial User Rights in Fisheries Policy. *International Journal of the Commons*, 14(1). Impact Factor 1.792.
- 2018** **Ebel, S.A.**, Beitzl, C.M., Runnebaum, J., Alden, R., Johnson, T.R. The power of participation: Challenges and opportunities in facilitating trust in cooperative fisheries research in the Maine lobster fishery. *Marine Policy* 90: 47-54. Impact Factor 4.173.

Book Chapters

- 2022 Ebel, S.A.** Transformación y resiliencia en el mar: Cómo los pescadores transforman su bienestar y la gobernanza para dar forma a la resiliencia socio-ecológica en el sur de Chile. In *América Profunda: Visiones y convergencias en la oceanografía social del continente*, eds. Nemer E. Narchi y Christine M. Beitzl. ISBN: 978-607-544-166-5.
- 2018 Ebel, S.A.** Livelihood Diversification as a Form of Resilience? An Ethnographic Account of Artisanal Fishers in Chile's Lakes Region. In Chiloé: The Ethnobiology of an Island Culture. (eds. Anton Daughters and Ana Pitchon), *Ethnobiology Series, Springer-Nature Life Science*.

Manuscripts in press

Ebel, S.A., Burnham, M., Reynolds, J. Examining the conditions that activate linking social capital to transition environmental governance: Empirical insights from Chile's coast. *Regional Environmental Change*. Impact Factor: 3.791.

Manuscripts in review

Lamar, S., Burnham, M., Metcalf, A., **Ebel, S.A.**, and Graves, D. (*in review*). Grizzly Bear Impacts on Rural Resident Well-Being in Northwest Montana. *Conservation and Society*. Impact Factor: 2.49.

+ Ortman, B. and **Ebel, S.A.** (*in review*). Diverse objectives in collaborative governance underpin challenges in achieving anadromous fish restoration in the Columbia River Basin. *Society and Natural Resources*. Impact Factor 3.024.

Manuscripts in progress

+ Everly, J., + Grim, S., **Ebel, S.A.** (*in prep*). Challenges in conceptualizing adaptive management for Idaho's Redband Trout ecosystems in the face of socio-ecological change. Intended for submission to *Human Organization*. Impact Factor 1.283.

Ebel S.A. (*in prep*). When environmental and economic change collide: Bottom-up transitions to ecosystem-based management as a form of adaptation in southern Chile. Intended for submission to *AMBIO*. Impact Factor: 5.129.

Ebel, S.A. (*in prep*). *La Reina del Mar*: Intersecting transitions in livelihood and economy in a changing oceanscape (ethnography).

Field Research

- 2022-present *Women's Commoning in Marine Socio-Ecological Systems in Response to Global Change*, Preliminary Research, **PI Sarah Ebel**
- 2022-present Chile Fondecyt No. 1211958: Fishing-artisanal systems and coastal markets of place in Chile: An anthropological investigation on the opacity of the economy, PI: Gonzalo Saavedra G.; **Associate Researcher Sarah A. Ebel**
- 2021-present *Tackling uncertainty: Coupling stakeholder and biophysical scenarios under a multifaceted research program*, Daniel Cronan, **Co-PI Sarah Ebel**, Matt Williamson and Li Huang, NSF EPSCoR Large Seed Grant
- 2021-present *Exclusion and Environmental Privilege in Teton Valley*, ID, ISU Office of Research Seed Grant, **PI Sarah Ebel**
- 2020-present *Vulnerability and Adaptive Capacity in Chile's Fishing Communities*, funded by ISU Internal Small Grant Competition. **PI Sarah Ebel.**
- 2019-present *NSF Genes to the Environment (GEM3)* EPSCoR grant, funded by the National Science Foundation, **Research Personnel**

- 2017-2018 *Policy, Agency, and Collective Action: A Multi-Level Analysis of Chile's Territorial Use Rights in Fisheries Policy.* **PI Sarah Ebel**, funded by Wenner-Gren Foundation.
- 2017-2019 A Shift to Ecosystem-based Management: *Exploring Relationships between Scientific Knowledge and Local Ecological Knowledge in the Gulf of Maine.* **PI Sarah Ebel**, Michael Torre, Nicole Ramberg Pihl, University Maine, Orono
- 2016 *Collective Action in Chile's Territorial User Rights in Fisheries Policy: Preliminary Research,* **PI Sarah Ebel**, Funded by NSF A2C2 International Grant, University of Maine Orono
- 2015 *Ecosystem-based Management Approaches in Downeast Maine: An Interdisciplinary Design to Tackling Adaptive Management Strategies to Cope with the Threat of Abrupt Climate Change,* **PI Sarah Ebel**, Nicole Ramberg-Pihl, Michael Torre, University of Maine, Orono, ME
- 2014 *Collaborative Interdisciplinary Research for Understanding Bycatch in the Maine Lobster Industry,* PIs Yong Chen, Christine Beitzl, **RAs Sarah Ebel**, and Jocelyn Runnebaum, University of Maine, Orono, ME

Conferences

- June 2023 **Presenter**, “Women’s Responses to Global Change: Marine Community-based Conservation Initiatives. The International Association for Society and Natural Resources. Portland, Maine.
- March 2022 **Presenter**, “When environmental and economic change collide: Bottom-up transitions to ecosystem-based management”, *Society for Applied Anthropology*, Salt Lake City, Utah.
- June 2021 **Presenter**, “Examining the conditions that activate linking social capital to transition environmental governance: Empirical insights from Chile’s coast”, *International Association for Society and Natural Resources Conference* (Virtual)
- March 2020 **Presenter**, “Friction and the transformation of marine governance: Globalization's effects on Chile’s Territorial Use Rights in Fisheries” *American Association of Geographers Annual Meeting*, Denver, CO. Cancelled (covid-19).
- March 2019 **Presenter**, “Moving beyond co-management: Opportunities and limitations for enabling transformations to polycentric governance in Chile’s Territorial User Rights in Fisheries policy,” Panel: Coupled Human Natural Systems, *Society for Applied Anthropology*, Portland, Oregon.
- Nov. 2018 **Presenter**, “Adaptation, conflict, and struggles for power in a Chilean small-scale fishing community undergoing a rapidly changing oceanscape,” Panel: Adaptation Otherwise, *American Anthropological Association Annual Meeting*, San José, California.
- June 2018 **Presenter**, “Livelihood Diversification as a Form of Resilience? An Ethnographic account of Fishers’ Responses to an Abrupt Environmental Event in Chile’s Lakes Region,” *International Symposium on Society and Natural Resources*, Salt Lake City, Utah.
- April 2017 **Presenter**, “Implications of Abrupt Change in Chile’s Territorial Use Rights in Fisheries Policy,” *Borns Symposium*, University of Maine Climate Change Institute
- March 2017 **Presenter**, “Using Participatory Approaches to Inform Fisheries Management,” *Society for Applied Anthropology Annual Meeting*, Santa Fe, New Mexico.
- Nov. 2016 **Presenter**, “Interdisciplinary Research to Address Abrupt Climate Change in Downeast Maine”, *Mitchell Center for Sustainability Solutions*, **Ebel, S.** and Torre, M., University of Maine, Orono
- March 2015 **Presenter**, “Promises and Pitfalls in Cooperative Fisheries Research”, *Society for Applied Anthropology Annual Meeting*, Pittsburgh, PA.

Student Presentations and Posters (Dr. Ebel as advisor and second author)

- July 2022 Undergraduate Presenter, “Examining Uncertainty in Adaptive Capacity of Redband Trout Ecosystems in Owyhee County, Idaho”. Grim, Samantha and **Ebel, Sarah A.**, *Idaho Conference for Undergraduate Research*
- March 2022 Graduate Poster: “Environmental Privilege and Housing Scarcity in Teton Valley, Idaho.” Brown, Madison and **Ebel, Sarah A.** *Society for Applied Anthropology*, Salt Lake City, UT
- March 2022 Graduate Poster: “Integrating Knowledge Co-production in Non-Profit Program Development.” Reynolds, Jessica and **Ebel, Sarah A.** *Society for Applied Anthropology*. Salt Lake City, UT
- July 2021 Undergraduate Presenter, “How Cultural Barriers Challenges Access to Medical Care: Understanding how Latinx Communities Utilize Holistic Care.” Quiroz-Robles, Estefani and **Ebel, Sarah A.**, *Idaho Conference for Undergraduate Research*
- July 2021 Undergraduate Presenter, “Using Cognitive Anthropology to Create Mental Models of Redband Trout Ecosystems in Owyhee County, Idaho.” Grim, Samantha and **Ebel, Sarah A.**, *Idaho Conference for Undergraduate Research*

TEACHING

Courses Taught at Idaho State University (all courses developed and taught by Dr. Ebel)

- Fall 2022 ANTH 4481/5581: *Economic Anthropology* (in-person)
- Spring 2022 ANTH 4481/5581 *Tragedy of the Commons* (in-person)
- Spring 2022 ANTH 4495: *Department Colloquium* (in-person)
- Fall 2021 ANTH 5581: *Marine Conservation and Policy* (in-person)
- Fall 2021 ANTH 4402/5502; SOC 4402/5502 *Ecological Anthropology* (online course)
- Summer 2021 SOC 5581: *Graduate Independent Study* (Summer 2021)
- Spring 2021 ANTH 4492; *Senior Seminar*, synchronous online due to Covid-19
- Fall 2020 ANTH 4481/5581; SOC 4481/5581 *Conservation Across Cultures*, synchronous online due to Covid-19
- Spring 2020 ANTH 4481/5581; SOC 4481/5581 *The Anthropology of Climate Change*
- Fall 2019 ANTH 4402/5502; SOC 4402/5502 *Ecological Anthropology* (online course)
- 2020-present ANTH 6650: *Thesis Credits* (2020, 2021, 2022)

Courses Taught at University of Maine Orono

- Spring 2019 SMS 491 *Marine Conservation Policy* (Instructor on Record)
- Fall 2018 SMS 324 *Marine Pollution Policy* (Instructor on Record)
- Fall 2017 ANT 250 *Conservation Anthropology* (Susan J. Hunter Teaching Fellow)

Courses Taught at College of the Atlantic (Bar Harbor, ME) (Visiting Faculty Member)

- Spring 2019 *The Anthropology of Climate Change Adaptation*

Courses Taught at University of Maine Farmington (Instructor on Record)

- Fall 2017 ANT 277 *Conservation in Cross Cultural Perspectives*

Teaching Assistant, Department of Anthropology, University of Maine

- Spring 2015 ANT 102: *Introduction to Cultural Anthropology* under Dr. Christine Beitzl
- Fall 2014 ANT 101: *Human Origins and Prehistory* under Dr. Greg Zaro

Invited Lectures

- 2022 **Guest Lecturer**, *How to Use Mixed Methods in Social Science Research*, Anthropology Senior Seminar, Idaho State University
- 2021 **Guest Lecturer**, *Cooperative Research and Fisheries in the Gulf of Maine*, Bowdoin College, Brunswick, ME
- 2021 **Guest Lecturer**, *In Hot Water: How Anthropology can examine human environment relationships under global change*, Anthropology Colloquium, Idaho State University
- 2016 **Guest Lecturer**, *Small-Scale Fisheries Policy: A Case Study of Chile's TURFs Policy*, Natural Resource Management, Unity College, Unity, Maine
- 2016 **Guest Lecturer**, *Utilizing Social Science in Fisheries Management*, Introduction to Anthropology 102 (ANT/102). University of Maine Orono
- 2016 **Guest Lecturer**, *Anthropology of Art*, Introduction to Anthropology 102 (ANT/102), University of Maine Orono
- 2016 **Guest Lecturer**, *"Integrating Seafood into Sustainable Food Systems"*, Anthropology of Food, University of Maine, Orono
- 2015 **Guest Lecturer**, *Endogenous Drivers to Collective Action and Cooperation in Artisanal Fisheries*, American Fisheries Society, University of Maine
- 2014 **Guest Lecturer**, *Ecological Anthropology*, University of Maine, Orono
- 2014 **Guest Lecturer**, *Human Dimensions of Climate Change*, University of Maine, Orono
- 2013 **Guest Lecturer**, *Human Dimensions of Fisheries in the Gulf of Maine*, Bowdoin College, Brunswick, ME

GRADUATE STUDENTS AND MENTORING

- 2020-2022 Ben Ortman, MSc., Anthropology, Committee Chair and Advisor.
Thesis Title: *Collaboration and conflict in the process of creating governance: Challenges and opportunities for anadromous fish restoration in the Columbia River Basin*
- 2020-2022 Jessica Reynolds, MSc., Sociology, Committee Co-Chair and Co-Advisor
Thesis Title: *Integrating Knowledge Co-production into Non-profit Program Development in Coastal Communities*
- 2021-present Jillian Everly, MSc., Anthropology, Committee Chair and Advisor. Expected thesis defense April 2023.
Thesis Title: *The Impact of Friction on Women's Well-Being in Coastal Communities in Southern Chile*
- 2021-present Melissa Taysom, MSc., Anthropology, Committee Chair and Advisor. Expected Thesis Defense April 2023.
Thesis Title: *Growing Pains: Farmer and Rancher Well-Being amid Amenity Migration*
- 2021-present Madi Brown, MSc., Anthropology, Committee Chair and Advisor. On medical leave of absence.
- 2022-present Samantha Grim, MSc., Sociology, Committee Chair and Advisor. Expected Thesis Defense April 2024.
Title: *A Landscape on Fire: The Impacts of Wildfires on Climate Anxiety and Outdoor Recreation*
- 2021-present Chyanne Yoder, Anthropology, Committee Member. Expected Thesis Defense April 2023
Title: To Be Determined.
- 2022-present Callie Nielson, Political Science, Doctoral of the Arts, Committee Member
Title: To Be Determined.

GRADUATE FACULTY REPRESENTATIVE (GFR)

2022	Lizzie Jossie, M.Sc. Biology, Idaho State University
2022	Troy Tetreault, M.Sc. Biology, Idaho State University
2021	Subash Pandey, M.Sc. Sociology, Idaho State University
2021	Beth Bennett, M.Sc. Sociology, Idaho State University
2020	Sara Halm, M.Sc. Sociology, Idaho State University

UNDERGRADUATE STUDENTS

*Indicates funding secured to support undergraduate student from underrepresented group

2021-2022	*Samantha Grim, NSF Summer Authentic Research Experience, Mentor and Undergraduate Research Assistant Project Title: <i>Managers' Mental Models of the Adaptive Capacity of Redband Trout Ecosystems</i>
2021	*Estefani Quiroz-Robles, NSF Summer Authentic Research Experience, Mentor Project Title: <i>Examining Barriers to Accessing Healthcare for Latinx Immigrants</i>
2020	*Claudia Maldonado, NSF Summer Authentic Research Experience Project Title: <i>Barriers to Latinx Belonging and Integration in Teton Valley, Idaho</i>
2019-present	Advisor for six (6) undergraduate Anthropology Majors

SERVICE AND PROFESSIONAL EXPERIENCE

Service to the Discipline

2022-present	Academics for Climate Advocacy Working Group, Second Nature
2021	Presenter, National Science Foundation Virtual Site Visit
2021	Manuscript Reviewer, <i>SAGE Open</i>
2021	Manuscript Reviewer for <i>Culture, Agriculture, Food and Environment</i>
2020-2021	Manuscript Reviewer for <i>International Journal of the Commons</i>
2015	Society for Applied Anthropology Annual Meeting Volunteer

Service to the College of Arts and Letters, Idaho State University

2022-present	Tenure and Promotion Committee, Department of Anthropology
2022-present	Organizer and Co-PI, Idaho Humanities Council Speaker Series: "Human Mobility and Belonging" (open to university and community)
2022	Experience ISU Day, Volunteer
2022	Moderator: Climate Change Panel, Frank Church Symposium
2021-present	Bengal Connect Mentor, Idaho State University
2021	Syllabi used as examples in "Decolonizing Your Syllabus" Workshop, ISU Indigenous People's Day
2021	Anthropology Department Program Assessment Committee
2020-2021	Search Committee, Anthropology Department (Forensic Anthropology)
2020	Search Committee, Anthropology Department (Cultural Anthropology)
2020	Volunteer for Idaho State University Marketing Videos
2019-2020	Volunteer Member, Interdisciplinary Studies/General Studies Committee

Service to the University of Maine Orono

2018-2019	Diversity, Equity, and Inclusion Committee, University of Maine Orono
2016-2019	Co-Chair, Student Organization for Society and Natural Resources (SOSNR), University of Maine Chapter
2016	Judge for undergraduate research presentations, University of Maine Research Symposium, Bangor, Maine, University of Maine Orono

2014-2016 Student Senator, Graduate Student Government, University of Maine

Service to the Community

2022-present Organizer, “Still Good Life” Reuse Exchange: Open to Community
2021-present Director, *La Fuerza del Buzo*, 501c3
2021 Applied Anthropology Lecture for Dual Credit Anthro1100, Century High School
2021 Under-5 Youth Soccer Coach, Pocatello, Idaho
2021 Speaker, “Hill Day”, National Science Foundation EPSCoR Meeting with Idaho Senators and Representatives
2019 Community Science Talks, Ketchum Library, Ketchum, Idaho

Professional Development

2021 “Socio-ecological coastal marine systems across Latin America: Challenges, opportunities and solutions” Seminars: University of Maine Darling Marine Center: October 7th, 21st and November 4th.
2021 “Decolonizing Your Syllabus” Workshop, ISU Indigenous People’s Day, Oct. 11th, 2021
2021 NSF “Burgeoning Opportunities: Attracting and retaining more Latinx Researchers in STEM” Workshop, Thursday, October 7th, 2021
2021 PIE Great Ideas in Teaching Seminar, September 24th, 2021
2021 Advancing Engagement Workshop: Justice, Equity, Diversity, and Inclusion
2021 College of Arts and Letters Faculty Grant Writing Seminar, Feb. 26th, 2021

Languages Conversational and Written Advanced Level in Spanish, English

Skills Moodle (Advanced), Atlas.ti qualitative software (Advanced), Microsoft Office Suite (Advanced), GIS (Intermediate), Blackboard (Intermediate), R Software (Beginner)

Trainings

2019-present Cybersecurity, Idaho Department of Human Resources
2019-present Sexual Harassment Prevention
2019-present FERPA to Protect Student Privacy

Memberships

2015-present *International Association for Society and Natural Resources*
2015-present *Society for Applied Anthropology*
2015-present *American Anthropological Association*
2019-present *Political Ecology Society*

Press and Media

2020 The ClimateReady Podcast: “Lessons from Chiloé, Chile: Transforming Natural Resource Governance Amid Environmental Change,” Alliance for Global Water Adaptation
2020 Research website to disseminate work: sarahaebel@weebly.com
2020 ISU College of Arts and Letters News: <https://www.isu.edu/cal/arts-and-letters-news/newsletter/march-2020/anthropology-professor-featured-on-climate-podcast.html>

Relevant Non-Academic Professional Employment

2012-2014 Commercial Fisherman, Sternman, F/V Nightingale, Stonington, ME
2011-2012 Outreach Coordinator and Island Fellow, Maine Center for Coastal Fisheries and Island Institute, Stonington, ME