

Elizabeth K. Marino

Curriculum Vitae

Department of Social Sciences
Oregon State University – Cascades
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EDUCATION

- Ph.D. Cultural and Environmental Anthropology, Department of Anthropology,
University of Alaska Fairbanks, 2012
- M.A. Linguistic Anthropology, Department of Anthropology, University of Alaska
Fairbanks, 2006
- B.A. Program of Liberal Studies Department, University of Notre Dame, 2001

PROFESSIONAL APPOINTMENTS

- 2015-present Assistant Professor of Anthropology and Sustainability, Oregon State University –
Cascades
- 2013–2015 Research Associate and Social Science Program Lead, Oregon State
University – Cascades
- 2011–present Instructor, Oregon State University – Cascades
- 2009-2011 Instructor, Anthropology Department, University of Oregon – Central Oregon
Programs

PUBLICATIONS

Peer Reviewed Books

- 2015 **Marino, E.** *Fierce Climate, Sacred Ground: an Ethnography of Climate
Change*. Fairbanks, Alaska: University of Alaska Press.

Edited Volumes

- 2012 **Marino, E.** and Ribot, J. (Eds). Theme Issue: Adding Insult to Injury: Climate
Change, Social Stratification and the Inequities of Intervention. *Global
Environmental Change* 22/2.

Peer Reviewed Journal Articles/Book Chapters

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- In review Wolsko, C., **Marino, E.** et al., Systems of Access: A Framework for Assessing the Social Dimensions of Sustainability. Science, Policy, and Practice.
- In press **Marino, E.** & Lazrus, H. Time and Flexibility: Uncertainty as a Basis for Adaptive Capacity in Shishmaref, Alaska and Tuvalu. In Gregory Button and Mark Schuller, Eds. *Disaster Narratives*. Berghahn Books.
- In press **Marino, E.**, Wolsko, C., Keys, S., & Pennavaria, L. A Culture Gap in the United States: Implications for Policy on Limiting Access to Firearms for Suicidal Persons. *Journal of Public Health Policy*.
- 2016 **Marino, E.**, & P. Schweitzer. Speaking Again of Climate Change: An Analysis of Climate Change Discourses in Northwestern Alaska. In S. Crate & M. Nuttall (Eds.), *Anthropology and Climate Change*, 2nd Edition. Walnut Creek, CA: Left Coast Press.
- 2015 **Marino, E.**, & Lazrus, H. Migration or Forced Displacement?: The Complex Choices of Climate Change and Disaster Migrants in Shishmaref, Alaska and Nanumea, Tuvalu. *Human Organization*.
- 2015 Wolsko, C. & **Marino, E.** Disaster, Migrations, and the Unintended Consequences of Urbanization: What's the Harm in Getting out of Harm's Way? *Population and Environment*: 1-18.
- 2014 Livneh, B., **Marino, E.**, & J. Ten Hoeve. Emerging Ideas and Interdisciplinary Perspectives on Climate Change DISCCRS VIII Symposium Report. *EOS – Transactions, American Geophysical Union*, 95/7: 65-65.
- 2013 **Marino, E.** Environmental Migration: The Future of Anthropology in Social Vulnerability, Disaster and Discourse. In H. Kopnina & E. Shoreman-Ouimet (Eds.), *Environmental Anthropology: Future Directions* (pp. 188-203). New York: Routledge.
- 2012 **Marino, E.** & Ribot, J. Adding Insult to Injury: Climate Change, Social Stratification, and the Inequities of Intervention, an Introduction. Theme Issue "Adding Insult to Injury: Climate Change, Social Stratification and the Inequities of Intervention. E. Marino & J. Ribot (Eds.). *Global Environmental Change* 22/2:323-328.
- 2012 **Marino, E.** The Long History of Environmental Relocation: Assessing Vulnerability Construction and Obstacles to Successful Relocation in Shishmaref, Alaska. Theme Issue "Adding Insult to Injury: Climate Change, Social Stratification and the Inequities of Intervention. E. Marino & J. Ribot (Eds.). *Global Environmental Change* 22/2: 374-381.
- 2011 **Marino, E.** Case 2: Flood Waters, Politics, and Relocating Home: One Story of Shishmaref, Alaska". In A. Lovecraft and H. Eicken (Eds.), *North by 2020*:

Perspectives on Alaska's Changing Social-Ecological Systems (pp. 261-263). Fairbanks: University of Alaska Press.

- 2011 Harwood, S., Carson, D. **Marino, E.** & McTurk, N. Weather Hazards, Place and Resilience in the Remote Norths. In D. Carson, R. O. Rasmussen, P. Ensign, L. Huskey, and A. Taylor (Eds.), *Demography at the Edge: Remote Human Populations in Developed Nations*. (pp. 307-320). Surrey, UK: Ashgate.
- 2010 Kingston, D. & **Marino, E.** Twice Removed: King Islanders' Experience of 'Community' Through Two Relocations. *Human Organization* 69/2:119-128.
- 2009 **Marino, E.**, Chambers, M., Schweitzer, P., & White, D. Comparing Small Water Systems in the Arctic: Identity, Tradition, and New Technology. *Arctic* 62/1:75-82.
- 2009 **Marino, E.** Immanent Threats, Impossible Moves, and Unlikely Prestige: Understanding the Struggle for Local Control as a Means Towards Sustainability. *SOURCE: The United Nations University Journal on Environment and Human Security* 12/42-50.
- 2009 **Marino, E.** Defending the Invisible: A Biographical Sketch of an Inupiaq Soldier. In F. Serjersen, K. Thisted & S. T. Theusen (Eds.), *The Urban Arctic: New Perspectives on Inuit Urban Life* (pp. 113-120). Copenhagen: Eskimology and Arctic Studies Section.
- 2008 **Marino, E.** & Schweitzer, P. Talking and Not Talking about Climate Change. In S. Crate and M. Nuttall (Eds.). *Anthropology and Climate Change* (pp. 209-217). Walnut Creek, CA: Left Coast Press.

Government Reports

- In preparation Cape Falcon Marine Reserves: A Pilot Study of Impacts, Outcomes and Effort Shift of Commercial and Charter Fishers. Oregon Department of Fish and Wildlife.
- Submitted Marino, E. Relocation and Climate Change: Dealing with Flooding as a New Ecological Norm. In *Adaptation Actions for a Changing Arctic, Chapter Two: Stakeholder Perspectives*. National Center for Atmospheric Research.
- 2005 Schweitzer, P. & **Marino, E.** *Shishmaref Co-Location Cultural Impact Assessment*. Seattle: Tetra Tech Inc./ US Army Corps of Engineers.

Book Reviews

- 2016 Candis Callison, *How Climate Change Comes to Matter: The Communal Life of Facts*. *Anthropos* 111, 242-243.
- 2012 Anne Fienup-Riordan, Editor. *Qaluyaarmiuni Nunamtenek Qanemciput/ Our Nelson Island*. *Arctic* 65(2) 239-240.

Book Manuscripts

in preparation **Marino, E.** & Peterson, N. *The Social Aspects of Sustainability: Democratizing the Sustainability Movement.*

Journal Articles/Book Chapters

in preparation **Marino, E.** Ethnography of a Future Relocation: a Case Study of Environmental Migration in Western Alaska. In P. Schweitzer, E. Khlinovskaya, F. Stammer, & T. Heleniak (Eds.), *Moved by the State: Population Movements and Agency in the Circumpolar North and Other Remote Regions.* New York: Berghahn Books.

GRANTS

External Grant Funding

Submitted	Lead Principal Investigator. National Science Foundation, Dynamics of Coupled Natural and Human Systems. Title: Adapting to Climate Change in Small Island States: Learning from the Past to Inform the Future. \$748,733
2015-2017	Lead Principal Investigator. National Park Service. Title: Qamani: Up the Coast, in My Mind, in My Heart. \$64,954
2015-2016	Principal Investigator. Oregon Department of Fish and Wildlife. Title: Community Resilience Related to Marine Reserve Implementation. \$12,756
2015	Co-Principal Investigator. Oregon Sea Grant: Oregon State University. Title: Assessing New Measures and Conceptual Relationships in Coastal Resilience and Well-Being, Kreg Lindberg, PI. \$10,000
2015-2016	Principal Investigator. University of Rochester. Title: Promoting Firearm Safety for Suicide Prevention in Primary Care. Susan Keys, Lead PI. \$39,998
2015	Principal Investigator. Women's Giving Circle. Title: Bridging the Gap: Using Alumni Mentorship to Guide Students from the Classroom to the Workplace. \$6807
2014-2016	Co-Principal Investigator. High Desert Museum. Title: Children's Forest of Central Oregon Evaluative Study. Ryan Reese, PI. \$29,962.
2014-2015	Investigator. US Fish and Wildlife Service. Title: Understanding Native Cultural Dimensions of Climate Change in the Great Basin. Phil Mote, PI. \$50,000.
2014-2015	Lead. University of North Carolina – Charlotte/National Science Foundation. Title: Integrated Network for Social Sustainability Conference "Hub" Location. \$10,000.
2013, unfunded	Principal Investigator. National Institute of Health. Title: Limiting Access to Lethal Means through Primary Care. This proposal is being revised for resubmission. Susan Keys, Lead PI. \$402,973.

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- 2010 Principal Investigator. University of Michigan. Title: Climate Change Policy: The Equity and Inequity of Intervention, a workshop. \$8000.
- 2007-2011 PhD Research. National Science Foundation and European Science Foundation. Title: Moved by the State: Perspectives on Relocation and Resettlement in the Circumpolar North. PI: Peter Schweitzer. \$695,364.
- 2005-2007 Research Associate. National Science Foundation, Arctic Social Science Program. Title: Intersections of Water, Climate and Humans in the Arctic. 2005-2007. PI: Dan White. \$1,646,687.

Internal Grant Funding

- 2013-2014 Principal Investigator. Faculty Innovation Proposal, Oregon State University – Cascades. Title: Climate Change, FEMA Policy, and Disaster Mitigation: Understanding the links between disaster policy and climate change adaptation. \$4369.
- 2006 Principal Investigator. Global Change Grant, Student Research, University of Alaska Fairbanks. Title: Place-making, Mapping, and Global Climate Change. \$10,000.

INVITED TALKS

- 2016 Marino, E. *The First “Victims” of Climate Change*. Science Pub – OSU – Cascades, February 2016.
- 2015 Marino, E. *Fierce Climate, Sacred Ground – Climate Change and Migration in Alaska*. Ideas on Tap -- The Museum of Natural and Cultural History at the University of Oregon. December 2, 2015.
- 2015 Marino, E. *Climate Change Representation in Museum Settings*. The Humboldt Forum, Berlin, Germany. October 14, 2015.
- 2015 Marino, E. Keynote: *The Social Dimensions of Sustainability, an Overview*. Integrated Network for Social Sustainability, Bend, Oregon, April 9, 2015
- 2014 Marino, E. *The Social Dimensions of Sustainability on a College Campus*. Integrated Network for Social Sustainability Conference. Charlotte, North Carolina, April 6.
- 2013 Marino, E. *“They've got to see it to believe it”: An Ethnography of Climate Change in Shishmaref, Alaska*. University of Oregon Climate Change Research Group. Eugene, Oregon, December 3.
- 2010 Marino, E. *Losing Ground: Understanding Environmental Migration and Climate Change Response in Alaska and Throughout the World*, Boise State University, Boise, Idaho. November 3.
- 2009 Marino, E. *Alaska As a Case Study of Environmental Relocation*, Oxford Brooks University, Oxford, England, February 9.

ORGANIZED CONFERENCE PANELS

- 2016 Marino, E. & Lazrus, L. Climate Change, Political Ecology and Development: Where and What Will We Build in a Warming World? Society for Applied Anthropology, Vancouver, British Columbia. March 30.

CONFERENCE PAPERS

- 2016 Lazrus, H., & Marino, E. Wolsko, C. Culture, Climate Change, and Cement: Risk and Adaptation in Shishmaref and Tuvalu. Vancouver, British Columbia, March 30.
- 2016 Discussant. Round Table Discussion, *Beyond "Changing the Atmosphere" What's Next?* Society for Applied Anthropology in Vancouver, British Columbia, March 30.
- 2016 Discussant. Round Table Discussion, *Collaborations in a Climate of Change: Addressing Environmental Challenges through Culturally Appropriate Intersections of Research, Policy and Practice* Society for Applied Anthropology in Vancouver, British Columbia, March 30.
- 2015 Lazrus, H., & **Marino, E.** On Island Time: Prediction and Experience of Extreme Events on the Front Lines of Climate Change. American Anthropological Association. Denver, Colorado, November 18.
- 2015 **Marino, E.**, Maldonado, J., & Lazrus, H. Climate Change, Risk, and the Culture of Consolidation. American Anthropological Association. Denver, Colorado, November 21.
- 2015 **Marino, E.** Building a Socially Sustainable Campus. Integrated Network for Social Sustainability. Bend, Oregon, April 8-10.
- 2015 **Marino, E.**, Maldonado, J., and Bronen, R. Human Rights in the Era of Climate Change and Relocation: Why Climate Change Should Push the World Bank to Strengthen Protection for People and the Environment. Society for Applied Anthropology Pittsburg, PA. March 27.
- 2014 **Marino, E.** The Next "Unsustainable" Community?" An examination of Isolation and Rurality in the Age of Climate Change. International Congress on Arctic Social Sciences. Prince George, British Columbia, May, 22-26.
- 2014 **Marino, E.** Time and Flexibility: A Cross-Cultural Comparison of Climate Change Adaptation, Disaster Preparedness and Bureaucratic Constraint in Alaska and Tuvalu, Society for Applied Anthropology, Albuquerque, New Mexico, March 17-22.
- 2014 Corbin, T., Meek, C., & **Marino, E.** Local Communities and Policy Change after Environmental Disasters: A Comparison of the Exxon Valdez and BP Oil Spills. Southern Political Science Association, New Orleans,, Louisiana January 9- 11.
- 2014 **Marino, E.** Losing Ground: An Ethnography of Vulnerability and Climate Change in

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- Shishmaref, Alaska. Dissertation Initiative for the Advancement of Climate Change Research, Colorado Springs, Colorado, October 12-19.
- 2013 **Marino, E.** A Right to be Rural?: Demographic Implications for Climate Change Mitigation and Disaster Relocation. Society for Applied Anthropology, Denver, Colorado, March 20-23.
- 2012 **Marino, E.** Anticipating the Flood: Arctic Community Exposure to Flooding and Obstacles to Adaptation. The Open Science Conference of the Scientific Committee on Antarctic Research. Portland, Oregon, July 12-22.
- 2012 **Marino, E.** Is Shishmaref ‘Worth Saving’?: an Argument for the Relocations of Communities at Risk. Alaskan Anthropological Association. Seattle, Washington, March 1-4.
- 2011 **Marino, E.** The Methods of Moving: Institutional Access and Environmental Migration in Shishmaref, Alaska. International Congress of Arctic Social Sciences (ICASS), Akuryeri, Iceland, June 22-26.
- 2011 **Marino, E.** “That is not the way the Real World Works”: Identifying Institutional Barriers to Successful Climate Change Adaptation and Environmental Relocation in Western Alaska. Society for Human Ecology, Las Vegas, Nevada, April 20- 23.
- 2010 **Marino, E.** Environmental Migration, Climate Change, and Social Theory: A Study in Disparity and Movement. The Initiative for Climate Adaptation Research and Understanding through the Social Sciences (ICARUS), Urbana-Champaign, Illinois, February 11-13.
- 2010 **Marino, E.** Negotiating the Value(s) of Small-Scale Societies: Environmental Migration, Climate Change, and Political Challenge. State of the Arctic Conference, Miami, Florida, March 16-19.
- 2010 **Marino, E.** “We’re the Ones who are Going to Have to Live There”: Environmental Migration and Shishmaref, Alaska, an Historical Analysis. Society for Applied Anthropology, Merida, Mexico. March 24-27.
- 2009 **Marino, E.** “When We Talk about Stuff like This, it Always Almost Have to be Told as a Joke”: Local Consequences of Global Phenomenon. The Role of the State in Population Movements, Rovaniemi, Finland, October 26-28.
- 2009 **Marino, E.** Relocating Home: Contemporary Environmental Relocations in the Alaskan North. Arctic Science Summit Week, Bergen, Norway, March 22-28.
- 2009 **Marino, E.** Losing Ground: Framing the Conversation on Environmental Relocations in Rural Alaska. Society for Applied Anthropology, Santa Fe, New Mexico, March 17-21.
- 2008 **Marino, E. & Schweitzer, P.** Curtailing Opinions, Finding Voice: An Argument for Self-Determination in the Discourse of Climate Change.

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- American Anthropological Association, San Francisco, California November 29-23.
- 2008 **Marino, E.** Moving a Village, Relocating a Home: Understanding the Struggle for Local Control in Environmentally-Induced Relocations. Northern Research Forum, Anchorage, Alaska, September 24-27.
- 2008 **Marino, E.** Immanent Threats, Impossible Moves, and Unlikely Prestige: Understanding the Struggle for Local Control as a Means Towards Sustainability. International Congress of the Arctic Social Sciences, Nuuk, Greenland, August 22-28.
- 2008 **Marino, E.** Sustainability and Relocation: An Alaskan Case Study. United Nations University-Institute for the Environment and Human Security Summer Academy, Hohenkammer, Germany, July 22-28.
- 2007 **Marino, E. & Schweitzer, P.** Finding Words for Weather: Talking about Climate Change in Northwestern Alaska. American Anthropological Association, Washington D.C., November 28- December 2.
- 2007 **Marino, E. & Schweitzer, P.** When the Hundred Year Flood Comes Every Other Year: Inupiaq Coping Strategies in a Climate of Change. Society for Human Ecology, Rio de Janeiro, Brazil, October 4-7.
- 2007 **Marino, E.** Defending the Invisible: A Biographical Sketch of an Inupiaq Soldier. International PhD School for Students of Arctic Societies, Copenhagen, Denmark, May.
- 2007 **Marino, E. & Schweitzer, P.** The Power of Words: Talking and Not Talking about Climate Change in Northwestern Alaska. Society for Applied Anthropology, Tampa, Florida, March 28-31.
- 2006 **Marino, E., Schweitzer, P., Wisniewski, J. & Omelak,** Climate Change and Adaptation: Inuit Responses to Changing Climate Conditions. Arctic, American Association for the Advancement of Science, Anchorage, Alaska October 2-4.
- 2005 **Marino, E.** Landscape in Translation: Place Names and Language Shift in White Mountain, Alaska. Linguistic Society of America, Oakland, California, January 6-9.
- 2005 **Marino, E.** Understanding the Impact of Language Loss. University of Alaska Social Science Conference, May.

PUBLIC TALKS

- 2014 The First to Fall: Understanding Disasters, Migration and Environmental Justice in an Era of Climate Change. Invited speaker, OSU Cascades Brown Bag Series, February 19.

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- 2013 Fierce Climate, Sacred Ground: What Climate Change Really Means, and Whom it Will Affect Most. Deschutes County Library; November 14.
- 2013 The Irresistible Pull of the Last Frontier. Deschutes County Library; April 18.

AWARDS AND FELLOWSHIPS

- 2014 Early Career Researcher Travel Award, International Congress of Arctic Social Sciences
- 2013 DISCCRS Scholar (Dissertation Initiative for the Advancement of Climate Change Research), National Aeronautics and Space Administration/ National Science Foundation
- 2011 Early Career Researcher Travel Award, International Congress of Arctic Social Sciences
- 2007-2011 Graduate Research Fellowship, Department of Anthropology, UAF
- 2008 Summer Academy Fellow, United Nations University – Environment and Human Security/ Munich Re Foundation

TEACHING EXPERIENCE

United Nations University – Institute for Environment and Human Security, Instructor
Summer Academy on Tipping Points in Humanitarian Crises Summer 2009

University of Oregon, Adjunct Instructor

Anthropology of the Environment	Summer 2009
Hunters and Gatherers	Winter 2010/2011
Peoples of the World North America	Spring 2011

Oregon State University – Cascades, Instructor

Cultural Anthropology Concepts and Methods	Winter 2012/2013/2014
Peoples of the World North America	Spring 2012/2013/2014
Ecological Anthropology	Summer 2012/2013
Social Dimensions of Sustainability	Winter 2013/2014
Language, Culture and Society	Fall 2013/2014/2015
Anthropology, Health and the Environment	Summer 2014

PUBLICITY AND REVIEWS FOR *FIERCE CLIMATE, SACRED GROUND*

- 2016 Review, *Alaska Dispatch News*: <http://www.adn.com/article/20160327/more-global-warming-afflicts-endangered-shishmaref>
- 2016 Review, *Arctic*, Journal for the Arctic Institute of North America
<http://arctic.journalhosting.ucalgary.ca/arctic/index.php/arctic/article/view/4553/4729>

- 2016 Author editorial on climate change, The Atlantic:
<http://www.theatlantic.com/business/archive/2015/12/hope-despair-climate-change/421794/>
- 2015 Quoted in The Atlantic: <http://www.theatlantic.com/business/archive/2015/08/alaska-village-climate-change/402604/>

MEDIA INTERVIEWS

- 2007-2015 *The Atlantic, Terra, The Guardian, The Bend Bulletin; The Guardian; International News Network, France; Rasmussen Visual Artist in residence; Munich Re Foundation; UK Financial Times; USA Today.*

CONSULTATIONS

- April 5, 2016 Consultation/Presentation to the Oregon Ocean Policy Advisory Council regarding fisher perspectives and effort shift following the implementation of the marine reserve system of ocean management.
- April 21, 2015 Consultation with the US Department of the Interior concerning policy obstacles to relocating coastal communities impacted by climate change and repetitive hazards.

SERVICE TO THE PROFESSION

Peer Review

- 2015-present Book review, Left Coast Press
- 2010-present *Climatic Change, Human Organization, Global Environmental Change, Arctic, Siberica, Polar Geography, Local Environment*
- 2013-2014 Intergovernmental Panel on Climate Change, Fifth Assessment Report, Working Group II: Impacts, Adaptation and Vulnerability.
- 2012-2015 National Science Foundation: Arctic Social Science Program, multiple grants.
- 2011 Student Travel Grant Review, Society for Applied Anthropology

To Profession (other)

- 2016 Member of the Arctic Horizons Team – a team of researchers tasked with setting priorities for NSF’s Social Science Polar Program
- 2015-present Host annual conference on the Integrated Network of Social Sustainability
- 2015-present Member of the SfAA Topical Interest Group on Anthropology and Disaster
- 2010-2012 Board Member: Society for Applied Anthropology Student Committee

SERVICE TO THE UNIVERSITY

- 2016 Facilitator/sponsor of the discussion: An Informal Conversation about Beyoncé and Race: some thoughts on why America is obsessed with the new Formation video, March 3.
- 2015-present Faculty member of the diversity committee
- 2013- present Co-Founding Faculty Member: The Sustainability Center – OSU-Cascades.

2013-2014 Chair/Member: Peer Review of Teaching Committees 2013-2014.

SERVICE TO THE PROGRAM

2016 Founded the Social Science Club
2015-2016 Implementing Women's Giving Circle Grant: Bridge the Gap, linking students to professional mentors
2012-present Social Science Program Lead, Curricula and Degree development

PUBLIC SERVICE

2013-present Academic Advisor, Project: *We Thrive*, a one-woman walk around the globe.
2014 Invited Blogger ClimateSocialSci – A newly launched collaborative blog focused on communicating social science research related to climate change to the public.
2010-2012 Academic Advisor, *Moving Day*: A Documentary Film by Ironworks Films.

PROFESSIONAL ASSOCIATIONS

2009-present Society for Applied Anthropology
American Anthropological Association
American Association for the Advancement of Science
Society for Human Ecology
Linguistic Society of America
Northern Research Forum
International Congress of the Arctic Social Sciences
Southern Political Science Association
Dissertation Initiative for the Advancement of Climate Change Research
Alaskan Anthropological Association