

Catherine F. West
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Academic Positions

Boston University, Department of Archaeology <i>Research Assistant Professor</i>	2013-Present
Boston University Marine Program <i>Affiliated Faculty</i>	2015-Present
Boston University Biogeosciences Program <i>Affiliated Faculty</i>	2015-Present
University of Maine, Department of Anthropology and Climate Change Institute <i>Assistant Professor</i>	2011-2013
National Museum of Natural History, Smithsonian Institution <i>Research Collaborator</i>	2011-Present
Program in Human Ecology and Archaeobiology, Smithsonian Institution <i>Postdoctoral Fellow</i>	2010-2011
Department of Anthropology, University of Washington, Seattle, WA <i>Research Assistant</i>	2001-2005
Burke Museum of Natural History and Culture, Seattle, WA <i>Research Assistant, Archaeology Public Outreach Coordinator</i>	2000-2003

Education

University of Washington, Seattle, WA Ph.D., Anthropology	March 2009
University of Washington, Seattle, WA M.A., Anthropology	March 2003
Bryn Mawr College, Bryn Mawr, PA B.A., History	May 1999

Archaeological Field Experience

Alutiiq Museum Community Archaeology Project and Field School, Kodiak, AK <i>Co-Director</i> http://www.alutiiqmuseum.org/education/programs/208-community-archaeology.html	2015
Chirikof Island, Alaska Expedition (funded by National Geographic) <i>Principal Investigator</i> http://sites.bu.edu/zooarchlab/research/	2013
Alutiiq Museum and Archaeological Repository Field Projects, Kodiak Island, AK <i>Archaeologist</i>	
Old Harbor Excavation	2013
Penguk Excavation	2010
Olga Lakes Survey	2006
Chirikof Island Survey	2005
Uganik Island Excavation	2004
Red River Survey	2004
BOAS, Inc. <i>Archaeologist</i>	2006-2007
San Juan Islands Archaeological Project, San Juan Islands, WA <i>Archaeologist</i>	2005
University of Washington Field School, Kodiak Island, Alaska <i>Teaching Assistant</i>	2001, 2003

Publications

Peer Reviewed Publications

- In review **West**, Catherine F., Meghan Burchell, and C. Fred T. Andrus. Shellfish and Paleoenvironmental Reconstruction in Island and Coastal Settings: Variability, Seasonality, and Sampling. In *Zooarchaeology in Practice*, edited by Christina M. Giovas and Aaron Poteate. Springer, New York.
- 2015 **West**, Catherine F. and Christine A. France. Human and Canid Dietary Relationships: Comparative Stable Isotope Analysis from Kodiak Island, Alaska. *Journal of Ethnobiology* 35(3): 519-535.
- 2015 **West**, Catherine F. and Kayla N. Jarvis. Osteometric Variation in Domestic Dogs (*Canis familiaris*) from the Kodiak Archipelago, Alaska. *International Journal of Osteoarchaeology* 25: 289-298. Published online in 2012. doi:10.1002/oa.2293.
- 2013 **West**, Catherine F., Special Section Editor's Corner: Islands, Coastlines, and Stable Isotopes: Advances in Archaeology and Geochemistry. *Journal of Island and Coastal Archaeology* 8(2): 1-3.
- 2012 **West**, Catherine F., Stephen Wischniowski, and Christopher Johnston. Pacific Cod (*Gadus macrocephalus*) Otoliths as a Paleothermometer: Otolith Oxygen Isotope Reconstruction in the Gulf of Alaska. *Journal of Archaeological Science* 39(10): 3277-3283.
- 2011 **West**, Catherine F., Stephen Wischniowski, and Christopher Johnston. Little Ice Age Climate: *Gadus macrocephalus* otoliths as a measure of local variability. In *The Archaeology of North*

- Pacific Fisheries*, edited by Madonna Moss and Aubrey Cannon, pp 31-44. University of Alaska Press, Fairbanks.
- 2011 **West**, Catherine F. A Revised Radiocarbon Sequence for New Karluk and the Implications for Kodiak Island Prehistory. *Arctic Anthropology* 48(1): 80-92.
- 2009 **West**, Catherine Foster. Kodiak Island's Prehistoric Fisheries: Human Dietary Response to Climate Change and Resource Availability. *Journal of Island and Coastal Archaeology* 4(2): 223-239.
- Other Publications**
- 2015 **West**, Catherine F. How Old Is Karluk-One? In *Kal'unek: From Karluk*, edited by Amy Steffian, Marnie Leist, Sven Haakanson, Jr., and Patrick Saltonstall, p. 61. University of Alaska Press, Fairbanks.
- 2015 **West**, Catherine F. Learning from Fish Bones. In *Kal'unek: From Karluk*, edited by Amy Steffian, Marnie Leist, Sven Haakanson, Jr., and Patrick Saltonstall, pp. 156-157. University of Alaska Press, Fairbanks.
- 2014 **West**, Catherine F. Old Harbor, KOD-478: Faunal Analysis. In *Prehistoric Settlements of the Midway Bay Peninsula, Old Harbor, Alaska*. Report prepared for Old Harbor Native Corporation, by Amy Steffian and Patrick Saltonstall, pp. 170-175. Alutiiq Museum and Archaeological Repository.
- 2013 **West**, Catherine F. Book Review: Keystone Nations: Indigenous Peoples and Salmon Across the North Pacific. *Alaska Journal of Anthropology* 11: 195-196.
- 2011 **West**, Catherine F. Bone and Antler Tools. In *Is it a House? Archaeological Excavations at English Camp, San Juan Island, Washington*, edited by Amanda K. Taylor and Julie K. Stein, pp. 95-102. University of Washington Press, Seattle.
- 2006 [**West**] Foster, Catherine W. Faunal Analysis. Appendix C: *The Archaeology of Horseshoe Cove: Excavations at KOD-415, Uganik Island, Kodiak Archipelago, Alaska*, edited by Patrick Saltonstall and Amy Steffian, pp. 130-134. Occasional Papers in Alaskan Field Archaeology No.1, Bureau of Indian Affairs, Alaska.

Teaching Experience

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|---|---------------------|
| <p>Boston University, Department of Archaeology
 <i>Research Assistant Professor</i>
 Archaeology 382/782 Zooarchaeology
 Archaeology 308 Archaeological Materials Analysis and Research Design
 Archaeology 307 Archaeological Science
 Archaeology 290 Human Impacts on Ancient Environments
 Archaeology 283 North American Archaeology</p> | <p>2013-present</p> |
| <p>University of Maine, Department of Anthropology
 <i>Assistant Professor</i>
 Anthropology 414 Ethics in Archaeology
 Anthropology 475 Environmental Archaeology
 Anthropology 478 Zooarchaeology
 Anthropology 497 Independent Study
 Anthropology 492 Capstone in Anthropology
 Anthropology 340 Arctic and Subarctic Archaeology
 Anthropology 280 Northwest Coast Prehistory</p> | <p>2011-2013</p> |
| <p>Smithsonian Institution Internship Program
 <i>Supervisor</i></p> | <p>2010-2011</p> |

Northeastern University, Global Pathways Program*Lecturer*

Introduction to Environmental Studies 2009-2010

Boston University, College of Arts and Sciences Writing Program*Lecturer*

Writing 100 and Writing 150: Readings in Archaeology 2008-2009

University of Washington, Department of Anthropology*Instructor*

Archaeology 320 Prehistory of the Northwest Coast 2007

Archaeology 499 Undergraduate Independent Study 2006

Teaching Assistant

University of Washington Archaeological Field School 2001, 2003

Archaeology 205 Archaeological Method and Theory 2003

Archaeology 490 Museum Curation 2003

Archaeology 105 World Prehistory 2003

Curation Field School 2002

Professional Development

Boston University Graduate Mentoring Seminar 2015

University of Maine Center for Excellence in Teaching and Assessment Workshops 2011-2013

Boston University Teaching Colloquium Series 2008

University of Washington Writing-Integrated Course Design Workshop 2007

University of Washington Teaching Portfolio Development 2007

University of Washington Preparing Future Faculty: Community College Field Trip 2007

University of Washington Teaching Workshop 2002

Honors**New Generation of Polar Researchers Leadership Symposium, 2015***Selected Participant*

Sponsored by the National Science Foundation, Division of Polar Programs

Most Innovative Methods Award, 2009

Breadth in Anthropological Research Conference, University of Washington

Grants and Fellowships**National Science Foundation, Division of Polar Programs, 2015-2018***Principal Investigator**Collaborative Research: Archaeological and Paleoenvironmental Perspectives of Climate Change in the Aleutian Islands, \$700,000***Boston University Conference Travel Award, 2014**

Support for international travel, \$2000

National Geographic Society Explorers Grant, 2013-2014*Principal Investigator**Archaeology, Climate Change, and Conservation in the Arctic, \$17,000***Pre-tenure Research and Creative Activity Fellowship, University of Maine, 2013**

Support for grant writing, \$16,000

Center for Undergraduate Research Fellowship, University of Maine, 2013

Support for undergraduate research project, \$2000

Center for Excellence in Teaching and Assessment, University of Maine, 2012

Faculty Development Funds, \$1300

Center for Excellence in Teaching and Assessment, University of Maine, 2012

Active Student Learning Micro-Grant, \$700

National Science Foundation ADVANCE Research Seed Grant, 2012

Collaborative Research on Arctic Paleoenvironmental Reconstruction, \$7,300

Smithsonian Institution Postdoctoral Fellowship, 2010-2011

National Museum of Natural History and Museum Conservation Institute, \$35,000

National Science Foundation Dissertation Improvement Grant, 2006-2007

Human Dietary Response to Climate Change and Resource Availability, \$19,800

Prince William Sound Oil Spill Recovery Institute Graduate Research Fellowship, 2006-2007

Human Dietary Response to Climate Change and Resource Availability, \$33,333

Prince William Sound Oil Spill Recovery Institute Graduate Research Fellowship, 2005-2006

Human Dietary Response to Climate Change and Resource Availability, \$33,333

Jim VanStone Advanced Graduate Student Scholarship, Alaska Anthropological Association

Support for dissertation research in Alaska, \$750

Quaternary Research Center Dissertation Funding, University of Washington

Support for dissertation research and travel, \$960

SEARCH Open Science Meeting Student Scholar

Support for students participating in the *Study of Environmental Arctic Change* conference, \$250

James Fellowship, University of Washington

Fellowship for students of high academic standards studying Pacific Northwest Anthropology, \$4,000

Olson Fellowship, University of Washington

Fellowship for academically outstanding student with Northwest Native American interests, \$1,400

Museum Exhibits

2007 *500 Years of Fishing*, Alutiiq Museum and Archaeological Repository, Kodiak, Alaska.

2004 *Prehistoric Coastal Alaska: Artifacts that Reflect a Way of Life*, Burke Museum of Natural History and Culture, University of Washington.

1999 *African Mende Masks*, Bryn Mawr College Libraries
(<http://www.brynmawr.edu/collections/Exhibitions/exh-mende.shtml>).

Invited Talks

2015 **West, Catherine F.** *A View from the North: Human Responses Resource Abundance and Climate Change*. University of Connecticut, Department of Anthropology.

- 2014 **West**, Catherine F., C. Fred T. Andrus, Meghan Buchell, and Michael Etnier. *Abrupt Climate Change in the Aleutian Islands*. Symposium entitled “The Archaeological Record as a Paleoclimatic and Paleoenvironmental Archive,” organized by D. Sandweiss and A. Kelley, Geological Society of America, Vancouver.
- 2014 **West**, Catherine F., Meghan Burchell, and C. Fred T. Andrus. *Shellfish and Paleoenvironmental Reconstruction in Island and Coastal Settings: Variability, Seasonality, and Sampling*. Symposium entitled “Current Issues in Zooarchaeological Sampling and Methodology,” organized by C. Giovas and A. Poteate, Society for American Archaeology, Austin, TX.
- 2013 **West**, Catherine F. *Ukamak: Archaeology and Ecology on Chirikof Island*. September Science Series, Alutiiq Museum and Archaeological Repository, Kodiak, Alaska.
- 2013 **West**, Catherine F. and C. Fred T. Andrus. *High Resolution Sampling of *Saxidomus gigantea* in the Kodiak Archipelago, Alaska*. Symposium entitled “Small Samples, Big Questions: New Methods and Applications in Biomolecular Archaeology,” organized by A. Henry, C. Hofman, and C. Warinner, Society for American Archaeology, Honolulu, HI.
- 2012 **West**, Catherine F. and C. Fred T. Andrus. *Paleoenvironmental Reconstruction in the Kodiak Archipelago: A Perspective from Arctic Archaeology*. Symposium entitled "Advances in Sclerochronology," organized by F. Andrus and D. Surge, Geological Society of America, Charlotte, NC.
- 2012 **West**, Catherine F. and Torben C. Rick. *A View from the Coast: Stable Isotope and Zooarchaeological Analyses of Canid and Human Diets*. Symposium entitled “Beyond Domestication: The Archaeology of the Human/Dog Relationship,” organized by J. Koster and A. Perri, Society for American Archaeology, Memphis, TN.
- 2011 **West**, Catherine F. *Hunter-Gatherers, Climate Change, and Resource Availability in the Gulf of Alaska*. University of Maine Interdepartmental graduate seminar (INT 500), Orono, ME.
- 2011 **West**, Catherine F. *Archaeology at the Museum Conservation Institute: Stable Isotopes in Historical Ecology*. The 4th Annual Conservation Conference, Smithsonian Institution, Washington, D.C.
- 2011 **West**, Catherine F. *Paleoenvironmental Reconstruction in Alaska's Kodiak Archipelago*. Kodiak Area Marine Sciences Symposium, Kodiak, AK.
- 2010 **West**, Catherine F. *Fishing in the Little Ice Age*. Department of Anthropology, Oberlin College.
- 2010 **West**, Catherine F. *Cod, Culture, or Climate? Variability in Kodiak Island's Prehistoric Fisheries*. Symposium entitled “From Field to Table: Historical Ecology of Regional Subsistence Strategies.” Department of Anthropology, University of South Carolina.
- 2008 **West**, Catherine Foster *Little Ice Age Climate: *Gadus macrocephalus* otoliths as a measure of local variability*. Symposium entitled “The Archaeology of North Pacific Fisheries”, organized by M. Moss and A. Cannon, Society for American Archaeology, Vancouver, British Columbia.
- 2007 **West**, Catherine Foster *500 Years of Fishing*. Alutiiq Museum and Archaeological Repository September Science Series, Kodiak, AK.
- 2007 [**West**] Foster, Catherine W. *Fishing in the Little Ice Age: Human Dietary Response to Climate Change and Resource Availability*. First Thursday Archaeology Lecture Series, Portland State University.

- 2006 [West] Foster, Catherine W. *Kodiak Island's Prehistoric Fisheries: Human Dietary Response to Climate Change and Resource Availability*. Symposium entitled "Island Zooarchaeology: Synergy and Synthesis", Society for American Archaeology, Austin, TX.
- 2006 [West] Foster, Catherine W. *Kodiak Island's Prehistoric Fisheries: Human Dietary Response to Climate Change and Resource Availability*. Symposium entitled "Papers in Honor of Donald W. Clark", Alaska Anthropological Association, Kodiak, AK.

Conference Proceedings

Papers

- 2015 West, Catherine F., Courtney A. Hofman, and Steve Ebbert. *Invasive or endemic? Management implications of archaeological data in the Alaska Maritime National Wildlife Refuge*. Symposium entitled "Islands and Invasions," organized by C. Hofman and C. West, Society for American Archaeology, San Francisco, California.
- 2014 West, Catherine F., C. Fred T. Andrus, and Michael Etnier. *Abrupt Climate Change in the Aleutian Islands*. Symposium entitled "Molluscs as a Record of Human-Environment Relationships," organized by C. Giovas, Z. Antipushina, and C. West, International Council of Archaeozoology, San Rafael, Argentina.
- 2014 Dunning, Samantha*, Catherine F. West, and Courtney Hofman. *Genetic Continuity in Chirikof Island Ground Squirrels: Evidence from Ancient DNA*. Alaska Anthropological Association, Fairbanks, AK. *first author is a student
- 2012 West, Catherine F. *Zooarchaeology and Conservation Biology in the Gulf of Alaska*. Borns Symposium, Climate Change Institute, University of Maine.
- 2007 Gregory-Eaves, Irene, Daniel Selbie, Guangjie Chen, Bruce Finney, Catherine Foster West, Daniel Schindler, and P. Leavitt *What can long-term paleolimnological records of sockeye salmon dynamics tell us?* Ecological Society of America/Society for Ecological Reconstruction Joint Meeting, San Jose, CA.
- 2006 [West] Foster, Catherine W. *Fluctuating Resource Abundance and Prehistoric Fisheries*. Breadth in Anthropological Research Conference, University of Washington, Seattle.
- 2005 [West] Foster, Catherine W. and Justin M. Hays *Preliminary Analyses of an Early Kachemak Midden at Horseshoe Cove, Kodiak Island*. Alaska Anthropological Association, Anchorage
- 2003 Fitzhugh, Ben, Jennie N. Deo, Catherine W. Foster [West], and Margaret R. Berger *The Tanginak Spring Site: Updating the Ocean Bay*. 11th Annual Arctic Conference, Seattle.

Posters

- 2013 Cunningham, Samantha*, Catherine F. West, and Courtney Hofman. *Genetic Continuity in Chirikof Island Ground Squirrels: Evidence from Ancient DNA*. Center for Undergraduate Research Showcase, University of Maine. *first author is a student
- 2012 Bird, Kendra D. and Catherine F. West. *Zooarchaeology and Conservation Biology in the Gulf of Alaska*. Center for Undergraduate Research Showcase, University of Maine. **CLAS Dean's award for best student poster**. *first author is a student
- 2011 West, Catherine F., Torben C. Rick, and Christine M. France. *Stable Isotopes in Historical Ecology, Kodiak Island, Alaska*. Society for American Archaeology, Sacramento, California.

- 2006 [West] Foster, Catherine W. *Prehistoric Fisheries in the Gulf of Alaska: Human Dietary Response to Climate Change and Resource Availability*. Poster presented at the 2006 meeting of the International Council for Archaeozoology, Mexico City.
- 2003 Deo, Jennie N., Catherine W. Foster [West], Margaret R. Berger, and Ben Fitzhugh *Shaking up the Neighborhood: Historic Perspective on Resilience and Vulnerability in the Gulf of Alaska*. Poster presented at the SEARCH Open Science Meeting, Seattle and the 11th Annual Arctic Conference, Seattle.

Professional Service

- Referee* 2010-present
Journal of Archaeological Science
Journal of Archaeological Science, Reports
Journal of Archaeological Method and Theory
Journal of Field Archaeology
Alaska Journal of Anthropology
Journal of Island and Coastal Archaeology
Geoarchaeology
 BAR International Series
 PLOS ONE
 University of Utah Press
- Committees* 2014-present
 SAA Island and Coastal Interest Group Symposium Sponsorship, Committee Member
 ICAZ Stable Isotope Working Group, Co-Chair

University Service

- College of Arts and Sciences Social Sciences Curriculum Committee Present
 Laboratory Committee, Department of Archaeology, Boston University Present
 Merit Review Committee, Department of Archaeology, Boston University Present
 Boston University Office of Sponsored Programs Committee 2014
 Graduate Coordinator, UMaine Quaternary and Climate Sciences Program 2012-2013
 University of Maine IGERT Graduate Admissions Committee 2012-2013
 University of Maine IGERT Faculty Associate 2012-2013
 University of Maine Anthropology Department Chair Search Committee 2013
 University of Maine Anthropology Department Administrator Search Committee 2013
 University of Maine Cultural Affairs Committee 2011-2013
 Boston University Writing Center Resources and Review Committee 2009
 University of Washington Department of Anthropology Faculty Search 2006

Public Outreach

- Live from the Rock! Blog* 2015
<http://blogs.bu.edu/cfwest/>
- Alutiiq Museum Community Archaeology Project* 2015
<http://www.alutiiqmuseum.org/education/programs/208-community-archaeology.html>
- Frontiers, KTVA Alaska* 2015
<http://www.ktva.com/kodiak-community-digs-deeper-into-alutiiq-history-717/>
- SciGals Blog* 2014
<https://scigals.wordpress.com/2013/10/03/catherine-west-approaches->

climate-change-in-a-new-way/

BU Today

2014

<http://www.bu.edu/today/2014/what-ancient-dinners-tell-us-about-climate-change/>

Kodiak Daily Mirror Features

2013-2015

Professional Memberships

Society for American Archaeology (SAA)

SAA Island and Coastal Interest Group

SAA Zooarchaeology Interest Group

SAA Women in Zooarchaeology Interest Group

Alaska Anthropological Association (aaa)

Alaska Consortium of Zooarchaeologists (ACZ)

International Council for Archaeozoology (ICAZ)

Graduate Advisees

Laura Masur – Co-advisor, Ph.D., Boston University, Department of Archaeology

Kathleen Forste – Co-advisor, Ph.D., Boston University, Department of Archaeology

Denetruis Brellas – Committee member, Ph.D., Boston University, Department of Archaeology

Alicia Sawyer – Committee member, M.A., Boston University, Department of Archaeology

Christine Bassett – Outside committee member, M.S., University of Alabama, Department of Geosciences

Melyssa Huston – Outside committee member, M.A., University of New Mexico, Public Archaeology Program