

Kathleen L. Hawes

360-561-5139

khawes.pnwas.com

Education

- B.A., Archaeology/Anthropology, The Evergreen State College, 2009
- A.A., Archaeology/Anthropology, South Puget Sound Community College, 2007

Certifications

South Puget Sound Community College, Olympia, Washington

- Cultural Resources Management Certification in Archaeology 2009
- Cultural Resources Management Certification in Museum Studies 2009

Research Interests

Areal

- Archaeology of the Pacific Northwest Coast of North America, Waterlogged/Wet sites

Sub-Disciplines

- Perishable Material Culture Studies; Paleoethnobotany; Environmental Studies; Archaeological Laboratory Conservation; Native American Studies; Wood Anatomy

Research Focus

- Pacific Northwest Coast of North America: Microscopic Identification by Cellular Analysis of Archaeological Wood, Plant Fiber And Charcoal; Identification of Artifacts Made from Wood and Plant Fiber; Evidence of Climate Change through Identification and Analysis of Archaeological Wood Charcoal Macro-Remains; Cultural Preferences of Wood for Fuel by Native Americans through Identification and Analysis of Archaeological Wood Charcoal Macro-Remains

Employment

Current:

- Assistant Director, Pacific Northwest Archaeological Services (PNWAS-Services). January 2011 to present. Tumwater, Washington.
(<http://www.pnwas.com>)
- Vice-President, Pacific Northwest Archaeological Society (PNWAS-Society). June 2011 to present. Tumwater, Washington.
(<http://www.pnwas.org>)

Previous:

- Teaching Team member, *TMSD364 Exhibition and Education in Tribal Museums*, Spring Quarter 2014. Northwest Indian College (NWIC), Bellingham, Washington.
- Anthropology Laboratory Director, South Puget Sound Community College (SPSCC). October 2006 to January 2012. Olympia, Washington.
- Diversity Coordinator, Campus Activities Board, SPSCC. June 2006 to December 2006. Olympia, Washington.
- Early Childhood Educator, Olympia Early Learning Center (formerly Olympia Child Care Center). November 1998 to January 2007. Olympia, Washington.

Research, Laboratory and Field Experience

Applied and accepted as Field school student June-August 2006
Qwu?gwes Field School, Olympia, Washington, Dr. Dale Croes, Director.
Archaeological and cultural studies; laboratory procedures
Analysis, research and presentation of woodworking debitage

Applied and accepted as Field crew member September 2006
Sunken Village National Heritage Landmark Site 35MU4 Test Excavation, Sauvie Island,
Oregon. Dr. Dale Croes, Director.

Offered and accepted position as Laboratory Technician 2006
Anthropology Department, South Puget Sound Community College, Olympia,
Washington: Employed to analyze plant material artifacts from Sunken Village 35MU4;
document results; present findings at regional conference

Offered and accepted position as Field School Assistant June-August 2007-2009
Qwu?gwes Field School, Olympia, Washington, Dr. Dale Croes, Director. Assisted in
training and supervising Field School students in field and laboratory procedures

Applied and accepted as Field crew member September 2007
Sunken Village National Heritage Landmark Site 35MU4 Site Monitoring, Sauvie Island,
Oregon, Dr. Dale Croes, Director.

Offered and accepted position as Laboratory Co-Manager, October 2007-May 2009
Anthropology Department, South Puget Sound Community College, Olympia,
Washington

Teaching Assistant, Laboratory Procedures, 2007-December 2013. South Puget Sound
Community College Anthropology Department, Olympia, Washington.

Offered and accepted position as Laboratory Director, May 2009-December 2013.
Anthropology Department, South Puget Sound Community College, Olympia,
Washington.

Volunteer at the Labouchere Bay Archaeological Survey, Prince of Wales Island, Alaska.
June 16th-July 18th, 2013.

Field Supervisor for an Internship Learning Contract (ILC) through the Evergreen State
College, for student Sarah Zeiger. Title of ILC: "From Excavation to Museum: The
Process of Archaeological Laboratory Techniques". Faculty sponsor: Dr. Ulrike
Krotscheck, Ph. D. Fall Quarter 2014.

Guest Lecturer at the Evergreen State College for the Bush Homestead Field School
program. Lecture and demonstration of "Flotation procedures and identification of
microscopic flora". August 2015.

Guest Lecturer at the Evergreen State College for the program "Time Past: Archaeology
and Geology". Faculty: Dr. Ulrike Krotscheck and Dr. Kenneth Tabbutt.
Lecture topic: "Lecture and demonstration of cellular analysis and identification of
archaeological wood and plant materials". 4 February 2016.

Professional Conference Attendance and Presentations

59th Annual Northwest Anthropological Conference, Seattle, Washington, March 2006

Woodworking Debitage: Woodchips, Adzes and Experimental Archaeology. Co-
authored with Tyler Graham. Presented to the 60th Annual Northwest Anthropological
Conference, Pullman, Washington, March 15th, 2007

Plant Material Artifact Identification: Cellular Analysis. Presented to the 60th Annual
Northwest Anthropological Conference, Pullman, Washington, March 15th, 2007

Artifact Plant Material and Charcoal Identification: Cellular Analysis. Presented by
invitation to the Oregon Archaeological Society, Oregon Museum of Science and
Industry, Portland, Oregon, November 1st, 2007

Archaeological Plant Material and Charcoal Identification: Cellular Analysis.
Presented by invitation to the Archaeology Club, Simon Fraser University, Burnaby, BC
Canada, January 24th, 2008

Archaeological Plant Material and Charcoal Identification: Cellular Analysis.
Presented to the Pacific Northwest Archaeological Society, REI Building, Seattle,
Washington, February 29th, 2008

Artifact Plant Material and Charcoal Identification at Wet Sites: Cellular Analysis.
Presented at Panorama City Retirement Community, Olympia, Washington, March 20th, 2008.

Qwu?gwes Cultural Site: Wood and Charcoal Identification by Cellular Analysis.
Presented to the Pacific Northwest Archaeological Society, Seattle, Washington, March 21st, 2008

Artifact Plant Material and Charcoal Identification at Wet Sites: Cellular Analysis.
Presented to the 73rd Annual Meeting of the Society for American Archaeology, Vancouver, BC Canada, March 28th, 2008.

Symposium co-Chair, "Sunken Village National Historic Landmark Wet Site (35MU4), Explorations with Japanese Archaeologists, Fall 2007, Portland, Oregon". 61st Annual Northwest Anthropological Conference, Victoria, BC, April 25th, 2008.

Artifact Plant Material and Archaeological Charcoal Identification—Cellular Analysis. Sunken Village National Historic Landmark Wet Site (35MU4), Explorations with Japanese Archaeologists, Fall 2007, Portland, Oregon. Presented to the 61st Annual Northwest Anthropological Conference, Victoria, BC, April 25th, 2008.

Artifact Plant Material and Charcoal Identification at Wet Sites: Cellular Analysis.
Presented by invitation at Portland State University, Portland, Oregon, May 2nd, 2008.

Artifact Plant Material and Charcoal Identification at Wet Sites by Cellular Analysis: Sunken Village 35MU4: "Exploration of the National Historic Landmark Sunken Village Wet Site". Presented by invitation at the Cathlapotle Plankhouse, Ridgefield, Washington, September 14th 2008.

14th Annual Gathering Northwest Native American Basketweavers Association, Ocean Shores, Washington, October 2008

Weaving Traditions and Places on the Columbia River. Presented on behalf of Pat Courtney Gold at the American Society for Ethnohistory Annual Meeting, Eugene, Oregon, November 13th, 2008.

Ancient Wood use by Species for Baskets, Wooden Artifacts, and Fuel Woods (Charcoal). Presented by invitation to The National Research Institute for Cultural Properties, Nara, Japan, April 4th, 2009.

Artifact Plant Material and Charcoal Identification by Cellular Analysis: Wet Site Archaeology. Presented by invitation to the University of Washington Extension Program (OSHER), Seattle, Washington May 22nd, 2009.

Microscopic Identification by Cellular Analysis: A Comparison of Artifact Plant Material from Wet-Sites on the Northwest Coast of North America. Presented to the 63rd Annual Northwest Anthropological Conference, Ellensburg, Washington, March 25th, 2010

Ancient Diamond Plaited Flat Bag from Sunken Village Wet Site, Portland, OR (35MU4)—“Lucy of Basketry?”. Co-Presented with Dale Croes and Eirik Thorsgard to the 63rd Annual Northwest Anthropological Conference, Ellensburg, Washington, March 27th, 2010.

Environmental Reconstruction and Climate Change through Analysis of Archaeological Wood Charcoal Macro-Remains. Presented to the 64th Annual Northwest Anthropological Conference, Moscow, Idaho, April 23rd, 2011.

Analysis and Interpretation of Archaeological Wood Charcoal Macro-Remains from the Pacific Northwest Coast. Presented to the 39th Annual Conference of the Alaska Anthropological Association, Seattle, Washington, March 2nd, 2012.

After the Railroad: the Double-Cola Test Site. Co-Presented with Tracey Arnold and Aloura McDanel to the 65th Annual Northwest Anthropological Conference, Pendleton, Oregon, March 16th, 2012.

Identification, Analysis and Conservation of Wood Artifacts from Triquet Island (EkTb-9). Presented to the Canadian Archaeological Society Annual Meeting, Whistler, British Columbia, Canada, May 16th, 2013.

Early and Mid-Holocene Waterlogged Materials from the Triquet Island Site on the Central Coast of B.C. Co-authored with Duncan McLaren (University of Victoria and Hakai Beach Institute). Presented to the 67th Annual Northwest Anthropological Conference, Bellingham, Washington, March 28th, 2014.

Basics of Wood Identification: Cellular Identification of Wood and Plant Fiber. Presented to the 20th Annual Gathering Northwest Native American Basketweavers Association, Squaxin Island, Washington. October 4th 2014.

Re-Awakening a 2,000 Year Old Salish Sea Basketry Tradition: Cellular Analysis and Identification of the Biderbost Wet-Site Basketry Collection. Presented to the 69th Annual Northwest Anthropological Conference, Tacoma, Washington, March 24th 2016.

Reawakening a 2000-Year-Old Salish Sea Basketry Tradition: Sharing 100 Generations of Cultural Knowledge with the Northwest Native Community, Archaeologists, and the Ainu of Hokkaido, Japan. Co-presented with Dr. Dale R. Croes and Ed Carriere to the 9th Annual Cultural Resource Protection Summit, Suquamish, Washington, May 26th 2016.

Tribal Cultural Resources Summit, Squaxin Island, Washington, June 7th 2016.

45GH179/45GH180 Fish Weir Stake Restoration Project. Co-presented with Justine James, Jr., Quinault Tribal Fish and Wildlife Cultural Specialist and Dale Fishel, Community Volunteer to the 2016 Tribal Curation Gathering, Ocean Shores, Washington, November 2nd 2016.

Reports and Surveys

- 2017 Allyn and Victor Shellfish Farms Cultural Resource Assessment. Report prepared by Kathleen Hawes, Assistant Director, PNWAS; for Taylor Shellfish Farms, Inc. Dr. Dale Croes, Principal Investigator.
- 2016 Zeller Trowbridge Peters Shellfish Farm Cultural Resource Assessment. Report prepared by Kathleen Hawes, Assistant Director, PNWAS; for Taylor Shellfish Farms, Inc. Dr. Dale Croes, Principal Investigator.
- 2016 Mazanti North Bay Shellfish Farm Cultural Resource Assessment. Report prepared by Kathleen Hawes, Assistant Director, PNWAS; for Taylor Shellfish Farms, Inc. Dr. Dale Croes, Principal Investigator.
- 2015 Tideland Cultural Resource Survey. Report prepared for Alice Helker, Manager, Set & Drift LLC. Dr. Dale Croes, Principal Investigator
- 2015 Kerbaugh Street Property Cultural Resource Survey. Report prepared by Kathleen Hawes, Assistant Director, PNWAS; for Andrew Kovach, Principal Architect, Kovach Architects, Inc. P.S. Dr. Dale Croes, Principal Investigator
- 2015 Burley Lagoon Tideland Cultural Resource Survey. Report prepared by Kathleen Hawes and Bryce Allyn for Taylor Shellfish Farms, Inc. Dr. Dale Croes, Principal Investigator
- 2014 Tideland Cultural Resource Survey. Report prepared by Kathleen Hawes for Hui Xia, Vice-President, Henderson Shellfish Inc. Dr. Dale Croes, Principal Investigator.
- 2014 Tideland Cultural Resource Survey. Report prepared by Kathleen Hawes for Matt Smith, President, Trident Marine Services Inc. Dr. Dale Croes, Principal Investigator.
- 2013 Cellular Analysis of Wood Material from the Little John Site (Kdvo-6). Report prepared by Kathleen Hawes for Norman Alexander Easton, Anthropologist, Yukon Territory, Canada.

- 2013 Archaeological Analysis and Conservation of Organic Wood, Charcoal and Artifacts: Triquet Island Archaeological Site (EkTb-9). Draft report prepared by Kathleen Hawes, with contributions by Tracey Arnold for Duncan McLaren, Ph.D. University of Victoria Department of Anthropology, B.C., Canada. Dr. Dale Croes, Principal Investigator.
- 2013 Mason County Public Utility District No. 1: Water Main Replacement Project Cultural Resource Survey. Report prepared by Kathleen Hawes for Mason County PUD No. 1, Shelton, Washington. Dr. Dale Croes, Principal Investigator.
- 2013 Kalakala Investigations Project 45TN434:Cultural Resource Survey Draft Report. Report prepared by Kathleen Hawes, with the Nisqually Indian Tribe and contributions by Bryce Allyn and Tracey Arnold, PNWAS for the Nisqually Indian Tribe, Washington. Dr. Dale Croes, Principal Investigator.
- 2011 Clallam Bay Site: Cultural Resources Survey. Report prepared by Kathleen Hawes for Clallam County Parks, Fair and Facilities Department, Port Angeles, Washington. Dr. Dale Croes, Principal Investigator.
- 2011 Hood Canal Communications Underground Broadband Fiber Optic Installation: Cultural Resource Records Search. Report prepared by Kathleen Hawes for Rural Utilities Service (RUS), United States Department of Agriculture (USDA) and Hood Canal Communications, Union, Washington. Dr. Dale Croes, Principal Investigator.
- 2011 Quileute Tribe Transit Shelter Project: Cultural Resource Survey. Report prepared by Kathleen Hawes for the Bureau of Indian Affairs (BIA) and the Quileute Indian Tribe, La Push, Washington. Dr. Dale Croes, Principal Investigator.
- 2011 Allison Springs Restoration Project: Cultural Resources Survey. Report prepared by Kathleen Hawes, Bryce Allyn, Laurel Zickler-Martin, Tyler Graham, and Jason Channel for the South Puget Sound Salmon Enhancement Group, Olympia, Washington. Dr. Dale Croes, Principal Investigator.
- 2010 Cellular Analysis of Charcoal and Wood Material. Report prepared by Kathleen Hawes for Scott Shirar, University of Alaska Museum of the North, Fairbanks, Alaska.
- 2010 Mason County PUD #3 Water Main Installation Project: Cultural Resources Survey. Report prepared by Kathleen Hawes for the Mason County Public Utility District #3, Shelton, Washington. Dr. Dale Croes, Principal Investigator.
- 2010 City of Shelton Fire Station Renovation Project: Cultural Resources Survey Field Summary. Report prepared by Kathleen Hawes for the United States Department of Agriculture (USDA) and the City of Shelton, Washington. Dr. Dale Croes, Principal Investigator.

- 2010 Archaeological Site DhRp-52: Cellular Analysis of Organic Plant Material. Report prepared by Kathleen Hawes for Amy Homan, Wetlab Supervisor and Senior Archaeologist, Katzie Development Corporation on behalf of the Katzie First Nations of British Columbia, Canada. Dr. Dale Croes, Principal Investigator.
- 2010 Historic Cemetery Cellular Analysis of Organic Plant Material. Report prepared by Kathleen Hawes for Fennelle DeForest Miller Consultants, Ellensburg, Washington. Dr. Dale Croes, Principal Investigator.
- 2009 Montgomery Creek Fish Weir (35LNC78): Conservation and Cellular Analysis. Report prepared by Kathleen Hawes, Olivia Ness and Dr. Dale Croes for Byram Archaeological Consulting, LLC of Eugene, Oregon. Dr. Dale Croes, Principal Investigator.
- 2008 City of Shelton Fire Station Renovation Project: Cultural Resources Survey (Field Summary). Report prepared by Kathleen Hawes and Olivia Ness for the United States Department of Agriculture (USDA) and the City of Shelton, Washington. Dr. Dale Croes, Principal Investigator.

Publications

- 2007 “Artifact Plant Material Identification—Cellular Analysis” and “Woodworking Debitage: Woodchip Analysis (TU4)” in Croes, Dale R., John L. Fagan and Maureen M. Zehendner (editors) 2006 *Testing the National Historic Landmark Wet Site, 35MU4, The Sunken Village Archaeological Site, Multnomah County, Oregon*. Prepared for Sauvie Island Drainage Improvement Company, Portland, OR., Report No. 4, Department of Anthropology, South Puget Sound Community College and Archaeological Investigations Northwest, Inc.
- 2008 Contributing author in *A Field Report from the Sunken Village Wet Site (35MU4) The Midden: Publication of the Archaeological Society of British Columbia*, Vol. 40, No. 1-2008.
- 2008 “Woodworking Debitage: Woodchip Analysis (TU4)” with Tyler Graham, “Artifact Plant Material Identification—Cellular Analysis” and “Charcoal Cellular Identification and Distribution” in Croes, Dale R., John L. Fagan and Maureen M. Zehendner (editors) 2007a *A U.S. National Historic Landmark Wet Site, the Sunken Village Site (35MU4), Portland, Oregon—the First Explorations*, Report No. 5, Department of Anthropology, South Puget Sound Community College and Archaeological Investigations Northwest, Inc. Submitted as 2007 report to the Oregon State Historic Preservation Office.

- 2009 “Woodchip Analysis from TU4” co-authored with Tyler Graham in Croes, Dale R., John L. Fagan and Maureen Newman Zehendner: *Sunken Village, Sauvie Island, Oregon, USA A Report on the 2006–2007 Investigations of National Historic Landmark Wet Site 35MU4*. *Journal of Wetland Archaeology* 9, 2009, Bryony Coles (managing editor), University of Exeter, UK.
- 2009 “Cellular Analysis of Artifact Plant Material and Charcoal” in Croes, Dale R., John L. Fagan and Maureen Newman Zehendner: *Sunken Village, Sauvie Island, Oregon, USA A Report on the 2006–2007 Investigations of National Historic Landmark Wet Site 35MU4*. *Journal of Wetland Archaeology* 9, 2009, Bryony Coles (managing editor), University of Exeter, UK.
- 2013 “Cellular Identification of Wood/Fiber Artifacts and Fuelwoods” co-authored with Daniel Rowley in Croes, Dale R., Larry Ross and Rhonda Foster: *Qwu?gwes: The Qwu?gwes Archaeological Site (45TN240), Fish Trap, and Homestead. Comprehensive Eleven-Year Scientific Descriptive and Cultural Explanatory Report*.
- 2013 "Plant Technology in Archaeology: From the Ancient Past into the Future" co-authored with Dale R. Croes in Turner, Nancy J. and Dana Lepofsky, (editors) *Ethnobotany in British Columbia: Plants and People in a Changing World*. Special issue, *BC Studies* 179.
- 2013 "Exploring Ancient Wood and Fiber Technologies Along the Northwest Coast of North America" co-authored with Dale R. Croes. *Journal of Northwest Anthropology* Fall 2013 Vol. 47 No. 2.

Volunteer Experience

- SPSCC Anthropology Club, South Puget Sound Community College 2005-2013: Coordinated and maintained records of Club Meetings and events; Maintained current membership information; Prepared and filed paperwork for travel and related expenses; Coordinated fund raising events
- Participant in *New Designs for Learning...for Life Library—Student Services—eLearning* Planning Team at South Puget Sound Community College September-December 2008
- Secretary for the Native American Heritage Celebration Sub-Committee South Puget Sound Community College 2007-2014
- *Expanding Your Horizons* Conference workshop Mentor, South Puget Sound Community College 2008-2014