



THE STATE
of **ALASKA**
GOVERNOR MIKE DUNLEAVY

Department of Fish and Game

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September 13, 2021

Mr. Simon Kinneen, Chair
North Pacific Fishery Management Council
1007 West Third, Suite 400
Anchorage, Alaska, 99501-2252

Re: Nomination of Caroline Brown to the Social Science Planning Team

Dear Chairman Kinneen:

This letter is to recommend Caroline Brown's nomination to the Social Science Planning Team, based on her extensive research and cultural expertise in Alaskan subsistence fisheries harvesting practices across the Bering Sea and Gulf of Alaska communities. The previous representative, Jim Fall, retired from state service and Caroline has been appointed Statewide Research Director.

Caroline has been with ADF&G Subsistence since 2002, first as Subsistence Resource Specialist III for the Interior and Yukon areas, and then, starting in 2017, as Northern Region Program Manager. She served as the only social science representative on the Joint Technical Committee that advises the Yukon River Panel and currently serves as the alternate U.S. Co-Chair of the panel.

She holds an MA in Anthropology from the University of Chicago and a BA in Anthropology and Political Science from Wellesley College. Enclosed is Ms. Brown's curriculum vitae.

Sincerely,

A handwritten signature in cursive script, appearing to read "D. Lang".

Doug Vincent-Lang,
Commissioner

Cc: Lisa Olson, Subsistence Division Operations Manager
Caroline Brown, Statewide Subsistence Program Manager

Curriculum Vitae

Caroline Brown
Alaska Department of Fish and Game
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Fairbanks, Alaska 99701

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Academic Credentials

- M.A. 1996, Anthropology, University of Chicago Thesis: “Making a Claim to the Past: Cultural Affiliation and the Native American Graves Protection and Repatriation Act”
2000, Ph.D. Candidate, Department of Anthropology, “A Most Vital Resource: Legal Practice, Child Welfare, and Alaska Native Identity”
- B.A. 1993, Anthropology and Political Science, Wellesley College

Professional Credentials

- 2002-present The Alaska Department of Fish & Game, Division of Subsistence, Northern Regional Program Manager (since 2017) and Acting Research Director (since December 2020).
- 1999, 2002, and 2008 Adjunct Lecturer in Anthropology, University of Alaska, Fairbanks
- 1997-1999 Denakanaaga, Inc. (Native Elders organization of Interior Alaska)
Language preservation, oral history collection, and legal research with Athabascan elders. Facilitate consultations between Interior villages and museums under the Native American Graves Protection and Repatriation Act to repatriate collections of human remains. Research intellectual property rights with regards to the protection of information provided under NAGPRA consultations

Current position responsibilities

Responsible for coordinating all ethnographic research and policy recommendations on subsistence practices in the northern region of Alaska, including Interior, western, northwest, and the North Slope of Alaska. Served as the only social science representative on the Joint technical Committee that advises the Yukon River Panel and currently serves as the alternate U.S. co-chair of the Panel. Is a member of the Scientific and Technical Committee for the Arctic-Yukon-Kuskokwim Sustainable Salmon Initiative (2009-2013; 2016-present) and the Technical Review Committee for the USFWS Office of Subsistence Management Fisheries Management and Research Program. Over the last 18 years, has conducted multiple projects involving the documentation and analysis of local, traditional and Indigenous knowledge.

Most recent/relevant publications

A.R. Godduhn; D.M. Runfola; C.R. McDevitt; J. Park; G. Rakhmetova; J.S. Magdanz; H.S. Cold; **C.L. Brown**. 2020. Patterns and trends of subsistence salmon harvest and use in the Kuskokwim River Drainage, 1990-2016. ADF&G Division of Subsistence, Technical Paper No. 468.

Caroline L. Brown; Brooke M. McDavid; Catherine F. Moncrieff; Alida Trainor; James S. Magdanz. 2017. Customary trade and barter as part of a continuum of exchange practices in 3 upper Yukon River region communities: Fort Yukon, Manley Hot Springs, and Venetie. ADF&G Division of Subsistence, Technical Paper No. 437.

Caroline L. Brown; Anna Godduhn; Hiroko Ikuta; Brittany Retherford; Alida Trainor; Seth J. Wilson. 2015. Socioeconomic Effects of Declining Salmon Runs on the Yukon River. ADF&G Division of Subsistence, Technical Paper No. 398.

Andersen, D.B, B. Retherford, and **C. Brown**. 2013. Climate Change and Impacts on Subsistence Fisheries in the Yukon River Drainage, Alaska U.S. Fish and Wildlife Service, Office of Subsistence Management, Fisheries Resource of Monitoring Program. Final Report for Study 10-250.

Brown, C.L., H. Ikuta, D. S. Koster, J. S. Magdanz. 2013. Subsistence harvests in 6 communities in the Lower and Central Kuskokwim River drainage, 2010. ADF&G Division of Subsistence, Technical Paper No. 379.

Fall, J.A., **C.L. Brown**, N.S. Braem, L.B. Hutchinson-Scarborough, D.S. Koster, T.M. Krieg, L. Slayton. 2012. Subsistence Harvests and Use in Three Bering Sea Communities, 2008: Akutan, Emmonak, and Togiak. Alaska Department of Fish and Game, Division of Subsistence Technical Paper No. 371, Juneau.

Fall, J.A., N. Braem, **C. Brown**, S. Evans, D. Holen, T. Krieg, R. La Vine, T. Lemons, M. Marchioni, D. Runfola, L. Hutchinson-Scarborough, L. Sill, A. Trainor; and J. Van Lanen. 2012. Alaska subsistence salmon fisheries 2009 annual report. ADF&G Division of Subsistence, Technical Paper No. 373, Juneau.

Moncrieff, C., **C. Brown**, and L. Sill. 2009. Natural Indicators of Salmon Run Abundance and Timing, Yukon River. Final report to the AYK Sustainable Salmon Initiative.

Brown, C., David Koster, Phil Koontz. 2010. Traditional Ecological Knowledge of non-salmon fish species in the Middle Yukon River. ADF&G Division of Subsistence, Technical Paper No. 342, Juneau.

Brown, C., John Burr, Kim Elkin, and Robert J. Walker. 2005. Traditional Ecological Knowledge and Population Estimates of non-salmon fish species in the lower-middle Yukon River, ADF&G Division of Subsistence, Technical Paper No. 291, Juneau.

Brown, C. 2004. "The Political and Legal Status of Alaska Natives" in *A Companion to the Anthropology of North American Indians*, Thomas Biolsi, ed. Boston: Blackwell Publishing.

Peer Reviewed Publications

Cold, H. S., T. J. Brinkman, **C. L. Brown**, T. N. Hollingsworth, D. R. N. Brown and K. M. Heeringa. 2020. Assessing vulnerability of subsistence travel to effects of environmental change in Interior Alaska. *Ecology and Society* 25 (1):20.

Brown, Dana R., Todd J. Brinkman, David L. Verbyla, **Caroline L. Brown**, Helen S. Cold, and Teresa N. Hollingsworth Changing River Ice Seasonality and Impacts on Interior Alaskan Communities. 2018. *Weather, Climate, and Society* 10 (4): 625–640.

Carothers, Courtney, **Caroline Brown**, Katie J. Moerlein, J. Andrés López, David B. Andersen, and Brittany Retherford. 2014. Measuring perceptions of climate change in northern Alaska: pairing ethnography with cultural consensus analysis. *Ecology and Society* 19(4): 27.

Hansen, W.D., T.J. Brinkman, F.S. Chapin III, and **C. Brown**. 2013. Meeting Indigenous Subsistence Needs: The Case for Prey Switching in Rural Alaska. *Human Dimensions of Wildlife: An International Journal*, 18:2, 109-123

Fienup-Riordan, A., **C. Brown**, and N.M. Braem. 2013. The Value of Ethnography in Times of Change: The Story of Emmonak. *Deep Sea Research II* 94,

Fall, J.A., N. S. Braem, **C.L. Brown**, L.B. Hutchinson-Scarborough, D.S. Koster, and T.M. Krieg. 2013. Continuity and Change in subsistence harvests in five Bering Sea communities: Akutan, Emmonak, Savoonga, St. Paul, and Togiak. *Deep Sea Research II* 94, 274-291.

Relevant Grants and Fellowships

- 2018 USFWS, Office of Subsistence Management, OSM Grant: Subsistence salmon networks in Yukon River communities
- 2015 NASA ABoVE “Biophysical Characteristics and Mechanisms of Environmental Disturbances Influencing Human Access to Ecosystem Services in Boreal Alaska” with Drs. Todd Brinkman and Teresa Hollingsworth
- 2014 National Science Foundation, “Adaptive coupling of human-environment linkages in response to globally driven changes in subsistence in rural Alaska” with Drs. Todd Brinkman and Terry Chapin
- 2014 The North Pacific Research Board, “Patterns and trends in salmon fishing on the Yukon River, Alaska”
- 2013 USFWS, Office of Subsistence Management, FIS Grant: “Customary Trade in the Upper Yukon River, Alaska”
- 2010 USFWS, Office of Subsistence Management, FIS Grant: “Climate Change in Yukon River Fisheries”
- 2008 The North Pacific Research Board, “Bering Sea Integrated Ecosystem Research Project” (lead researcher for subsistence research component for community of Emmonak, lower Yukon River, AK)
- 2008 USFWS, Office of Subsistence Management, FIS Grant: “Strategic Plan for Coregonid Species in the Yukon and Kuskokwim River Drainages”
- 2006 Arctic-Yukon-Kuskokwim Sustainable Salmon Initiative Grant: “Natural Indicators of Salmon Run Timing and Abundance in the Yukon”
- 2005 USFWS, Office of Subsistence Management, FIS Grant: “Traditional Ecological Knowledge and Population estimates of Non-salmon Fish in the lower-middle Yukon River”
- 2001 Woodrow Wilson Foundation - Charlotte Newcombe Dissertation Fellowship
- 2001 National Institute of Health Dissertation Research Grant
- 2000 Horton-Hallowell Fellowship, Wellesley College - dissertation research grant
- 2000 University of Alaska Justice Center/Bureau of Indian Affairs, research grant – “The Changing Legal Environment and ICWA in Alaska: A Regional Study”