



UNITED STATES DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration
National Marine Fisheries Service
Alaska Fisheries Science Center
REFM Division
7600 Sand Point Way N.E.
Seattle, Washington 98115-0070

July 30, 2019

Simon Kineen
Council Chair
North Pacific Fishery Management Council
605 West 4th Avenue
Anchorage, AK

Dear Chairman Kineen:

I am writing to recommend the appointment of Dr. Marysia Szymkowiak, Alaska Fisheries Science Center (AFSC), Social Scientist, to the NPFMC's Gulf of Alaska (GOA) Groundfish Plan Team. Dr. Szymkowiak would replace Dr. Dan Lew, who is leaving the GOA Plan Team this fall.

Dr. Szymkowiak's CV is attached. She has several years of experience as a research social scientist at the AFSC and also has experience working with both the NMFS Alaska Regional Office and the North Pacific Fishery Management Council on a variety of management issues. She has expertise working directly with fishers and fishing communities and also conducts research on individual fishing quota (IFQ) fisheries and markets, new entry and diversification strategies for fishers, and the use of qualitative and mixed methods. She is planning on sitting in on the September 2019 Plan Team meeting in preparation for November, so she is up to date on the current issues facing the Team.

I am confident that Marysia's experience and expertise will make her a useful addition to the Team.

Sincerely,

Robert Foy, Ph.D.
Science and Research Director



Marysia Szymkowiak, Social Scientist

NOAA Fisheries Alaska Fisheries Science Center ♦ Ted Stevens Marine Research Institute
17109 Point Lena Loop Road ♦ Juneau, Alaska 99824
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Current research areas

- Pacific halibut and sablefish IFQ fisheries and management effects
- Gulf of Alaska Integrated Ecosystem Assessment
- Fishing community well-being indicators
- Fishing family dynamics
- Women in Alaska fisheries

Education

Ph.D. University of Delaware, Marine Studies/Fisheries Management, 2015

Doctoral Thesis: “An Evaluation of Community Protection Measures in the Alaska Halibut IFQ Program”

Co-Advisors: Lee Anderson (University of Delaware) and Ron Felthoven (NOAA’s Alaska Fisheries Science Center)

- An application of a variety of econometric modeling tools to an assessment of the impacts of quota share trading restrictions, leasing, and provisions intended to help new entrants, including mathematical programming, fixed effects logit modeling, count data modeling, rare events logit modeling, and relational contingency table analysis.

M.A. American University, International Environmental Policy, 2009

B.A. Rutgers University, Sociology, 2005

Experience

2017-present Social Scientist (FTE)

Economics and Social Science Research Division, AFSC, Juneau, AK

Projects: GOA IEA, gender in Alaska fisheries, fishing family responses to changing conditions, fishing community well-being indicators, halibut subsistence

2016-2017 Social Scientist (Contractor) – Pacific States Marine Fisheries Commission

Economics and Social Science Research Division, AFSC, Juneau, AK

Projects: Community risk factors for QS loss in Pacific halibut IFQ fishery, 20-year review of IFQ program manuscript

2015-2016 Alaska Sea Grant Fellow

National Marine Fisheries Service; Juneau, Alaska

Project: A comprehensive, 20-year review of the halibut and sablefish IFQ program

2013-2015 Social Scientist (Contractor) – Pacific States Marine Fisheries Commission

Economics and Social Science Research Division, AFSC, Juneau, AK

Projects: “Showcasing the CDQ Program” and “Understanding active participation, crew compensation, and lease rates in the Bering Sea Aleutian Islands crab rationalization program”

2012 Fisheries Economist Intern

National Marine Fisheries Service, Juneau Regional Office, Juneau, AK

Project: Applying

2009-2011 Oak Ridge Institute for Science and Education Research Fellow

U.S. Environmental Protection Agency, Office of Water, Washington, DC

Projects: National Coastal Condition Report IV, National Coastal Condition Assessment, National Estuary Program

2007-2009 Teaching and Research Assistant

American University, Global Environmental Policy Program, Washington, DC

Project: “Living Through the End of Nature” (Paul Wapner)

2008 **Fisheries Researcher**, American Association for the Advancement of Science, DC
Project: Science and Innovation for Sustainable Development Forum

2007 **Fisheries Researcher**, Cape Cod Commercial Hook Fishermen’s Association (CCCHFA),
 North Chatham, Massachusetts

Publications/ Working Papers (selection)

Szymkowiak, M. and M. Rhodes-Reese. (2019). Women in Fisheries: An approach to assess women's participation in data limited systems. In review at AFSC.

Szymkowiak, M. (2019). Genderizing Fisheries: Assessing over thirty years of women’s participation in Alaska fisheries. In review at AFSC.

Szymkowiak, M. and S. Kasperski (2019). Sustaining An Alaska Coastal Community: Integrating Place Based Well-being Indicators and Fisheries Participation. In review at AFSC.

Szymkowiak, M., S. Marrinan, and S. Kasperski. (2019). The Pacific Halibut (*Hippoglossus stenolepis*) and Sablefish (*Anoplopoma fimbria*) Individual Fishing Quota Program: A Twenty-year Retrospective. Forthcoming in Marine Fisheries Review.

Rosellon-Druker, J., M. Szymkowiak, C. Cunningham, S. Kasperski, G. Kruse, J. Moss, E. Yasumiishi. (2019). Development of socio-ecological conceptual models as the basis for an IEA framework in Southeast Alaska. Accepted at Ecology and Society.

Szymkowiak, M., Kasperski, S., & Lew, D. K. (2019). Identifying community risk factors for quota share loss. *Ocean & Coastal Management*, 178, 104851.

Szymkowiak, M., & Himes-Cornell, A. (2018). Fisheries allocations for socioeconomic development: Lessons learned from the Western Alaska Community Development Quota (CDQ) program. *Ocean & Coastal Management*, 155, 40-49.

Szymkowiak, M., & Himes-Cornell, A. (2017). Do Active Participation Measures Help Fishermen Retain Fishing Privileges?. *Coastal Management*, 45(1), 56-72.

Szymkowiak, M., & Felthoven, R. (2016). Understanding the determinants of hired skipper use in the Alaska halibut individual fishing quota fishery. *North American Journal of Fisheries Management*, 36(5), 1139-1148.

Szymkowiak, M., & Himes-Cornell, A. H. (2015). Towards individual-owned and owner-operated fleets in the Alaska Halibut and Sablefish IFQ program. *Maritime Studies*, 14(1), 19.

Oral Presentations

“Integrating local knowledge into ecosystem based fisheries management – a case study of Sitka,” American Fisheries Society Alaska Chapter Annual Meeting; Sitka, AK; March 2019.

“Rural access and entry opportunities in the halibut and sablefish IFQ fisheries,” Presentation for the Prince William Sound Science Center; Cordova, AK; September 2018.

“Family resilience and women’s participation in Alaska’s changing fisheries,” International Institute of Fisheries Economics and Trade (IIFET) 2018; Seattle, WA; July 2018.

“Identifying community risk factors for quota loss – examining QS transfer patterns in the Pacific halibut IFQ fishery,” International Institute of Fisheries Economics and Trade (IIFET) 2018; Seattle, WA; July 2018.

“Understanding the determinants of hired skipper use in the Alaska halibut IFQ fishery,” North American Association of Fisheries Economists (NAAFE); Ketchikan, Alaska; May 20, 2015.

“Examining the impacts of active participation mandates in the Alaskan halibut IFQ program,” American Fisheries Society – Alaska Chapter Meeting; Juneau, Alaska; October 20-24, 2014.

“Estimating the costs of quota share trading restrictions in the Alaskan halibut IFQ program using linear programming,” International Institute of Fisheries Economics and Trade (IIFET) 2014; Brisbane, Australia; July 7-11, 2014.

“Assessing the benefits and costs of protection provisions in rights-based management programs,” NMFS-Sea Grant Graduate Fellowship Program in Population Dynamics and Marine Resource Economics Annual Meeting; Seattle, Washington; June 16-18, 2014.

“A study prospectus: understanding active participation, crew compensation, and lease rates in the BSAI crab rationalization program,” North Pacific Fishery Management Council; Seattle, Washington; February 5, 2014.

“Assessing the hired skipper provision in the halibut IFQ program – A Proposal,” Presentation to the Economics and Social Science Research Division of the Alaska Fisheries Science Center; Seattle, Washington; November 14, 2013.

“Assessing the impacts of community protection measures in catch share programs,” Poster Presentation at the Managing Our Nation’s 3 Fisheries Conference; Washington, D.C.; May 7-9, 2013.

“Emerging Contaminants in Coastal Waters,” Moderator of Panel at the Annual EPA National Estuary Program Meeting, Arlington, VA; March, 2011.

Awards

2018	NOAA Science accomplishment for the NOAA Science Advisory Board meeting
2013-2015	Marine Resource Economics Graduate Fellowship, NMFS and Sea Grant
2011-2012	Marian R. Okie Fellowship, University of Delaware
2009-2011	Environmental Policy Research Fellowship, Oak Ridge Institute of Science and Education
2007-2009	Dean’s Award, American University.
2005	Athenaeum Honors Society, Rutgers College, Rutgers University
2001-2005	Outstanding Scholars Scholarship, Rutgers University
2001-2005	Rutgers College Dean’s List, Rutgers University

Affiliations

North American Association of Fisheries Economists
 International Institute of Fisheries Economics and Trade
 American Fisheries Society – Alaska Chapter