

# Andrew C. Seitz

Professor of Fisheries

College of Fisheries and Ocean Sciences, University of Alaska Fairbanks

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## CURRENT APPOINTMENTS

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Professor, Department of Fisheries

*College of Fisheries and Ocean Sciences, University of Alaska Fairbanks*

Frank and Marjorie Meek Endowed Chair in Fisheries and Ocean Sciences

*College of Fisheries and Ocean Sciences, University of Alaska Fairbanks*

Marine Scientist, Coastal Sciences Division (Joint Appointment)

*Energy and Environment Directorate, Pacific Northwest National Laboratory*

Affiliated Researcher, Alaska Hydrokinetic Energy Research Center

*Alaska Center for Energy and Power, University of Alaska Fairbanks*

Affiliated Researcher, Pacific Marine Energy Center

*University of Alaska Fairbanks, University of Washington, Oregon State University*

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## EDUCATION

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Ph.D. Fisheries Oceanography, 2002–2006, GPA 4.0

Institute of Marine Science, School of Fisheries and Ocean Sciences, University of Alaska Fairbanks. Dissertation: Population structure and behavior of Pacific halibut

B.S. Biology, 1993–1997, GPA 3.9

Department of Ecology and Evolutionary Biology, College of Agriculture and Life Sciences, Cornell University

Semester Abroad, 1996, GPA 4.0

Aquaculture Biology and Technology, School of Aquaculture, University of Tasmania, Launceston, Tasmania, Australia

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## ACADEMIC AWARDS AND HONORS

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Best Student Presentation, Annual Alaska Chapter of the American Fisheries Society Meeting, November 2006

Best Student Presentation, 6th International Symposium on Flatfish Ecology, October 2005  
6th International Symposium on Flatfish Ecology Student Travel Grant, June 2005  
University of Alaska Fairbanks, Graduate Program of Marine Sciences and Limnology  
Travel Grant, June 2005  
University of Alaska Fairbanks, Graduate School Travel Grant, May 2005  
Graduated with honors for undergraduate thesis and with distinction (top 5% of class),  
Cornell University  
Member Golden Key National Honor Society (top 10% of senior class) Cornell  
University  
Member of Phi Kappa Phi National Honor Society (top 5% of junior and senior classes)  
Cornell University  
Dean's List Cornell University all semesters, Fall 1993–Spring 1997  
Tasmania International Student Scholarship (Full semester scholarship)  
All-Ivy League Student-Athlete, Cornell University, 1995

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## EMPLOYMENT

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### PROFESSIONAL POSITIONS

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Professor of Fisheries, 2020 to present  
*College/School of Fisheries and Ocean Sciences, University of Alaska Fairbanks*

Chair, Department of Fisheries, 2020 to 2023  
*College/School of Fisheries and Ocean Sciences, University of Alaska Fairbanks*

Associate Professor of Fisheries, 2015 to 2020  
*College/School of Fisheries and Ocean Sciences, University of Alaska Fairbanks*

Assistant Professor of Fisheries, 2009 to 2015  
*School of Fisheries and Ocean Sciences, University of Alaska Fairbanks*

Faculty Fisheries Instructor, 2008 to 2009  
*School of Fisheries and Ocean Sciences, University of Alaska Fairbanks*

Fisheries Course Instructor, 2007 to 2008  
*School of Fisheries and Ocean Sciences, University of Alaska Fairbanks*

Research Professional V, 2006 to 2008  
*School of Fisheries and Ocean Sciences, University of Alaska Fairbanks*

Fishery Biologist, 2002–2006

*Marine and Freshwater Ecology Branch, US Geological Survey, Alaska Science Center*

Marine Fisheries Consultant, 2000–2002

*Tuna Research and Conservation Center, Monterey Bay Aquarium and Stanford University, Monterey, CA; Marine and Freshwater Ecology Branch, Alaska Biological Science Center, United States Geological Survey; Hawaiian International Billfish Tournament, Kailua-Kona, HI*

Research Scientist, 2000–2001

*Greeneridge Sciences, Inc., Santa Barbara, CA*

Research Aquarist, 1998–2000

*Tuna Research and Conservation Center, Monterey Bay Aquarium, Monterey, CA*

Field Biologist, 1998

*Rio Las Marias, Guanare, Venezuela for Cornell University, Ithaca, NY*

Field Biologist, 1997

*San Juan River in NM, CO and UT for Ecosystems Research Institute (ERI), Logan, UT*

## **OTHER EXPERIENCE**

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First Mate, 2000-2001

*F/V Calcutta, Morehead City, NC*

First Mate, 1990-1997

*F/V Happy Hooker, South Harpswell, ME*

Summer Student Fellow, 1997

*Woods Hole Oceanographic Institution, Woods Hole, MA*

Teaching Assistant, 1997

*BIOLOGY 274 – Vertebrate Biology: Form, Structure and Evolution, Department of Ecology and Evolutionary Biology, Cornell University, Ithaca, NY*

Summer Intern, 1996

*National Institute of Water and Atmospheric Research, Wellington, New Zealand*

Observer, 1995

*F/V Nadir, Novorissisk, Russia for State of Maine Division of Marine Resources*

Summer intern, 1995

*NOAA ship RV Miller Freeman, Seattle, WA*

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## INSTRUCTION ACTIVITIES

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### COURSES TAUGHT

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Alaska Summer Research Academy (ASRA) Fisheries Module  
BRIGHT Girls (Budding Research Investigators in Geosciences, Habitat and Technology)  
Summer Academy and Weekend Enrichment Sessions (3x)  
FISHERIES 101 – Introduction to Fisheries  
FISHERIES 102/MARINE SCIENCE AND LIMNOLOGY/FIRST YEAR EXPERIENCE  
100 – Fact or fishin’: Critical Thinking in Fisheries Conservation and Management  
(9x)  
FISHERIES/BIOLOGY 288 – Fish and Fisheries of Alaska (12x)  
FISHERIES/BIOLOGY 288 – Marine and Freshwater Fishes of Alaska (3x)  
FISHERIES/BIOLOGY 388 – Marine and Freshwater Fishes of Alaska (2x)  
WILDLIFE BIOLOGY and CONSERVATION 397 – Independent Study: Monitoring  
Alaska’s Salmon (3 cr)  
FISHERIES 401 – Fisheries Management  
FISHERIES 426/626 – Behavioral Ecology of Fishes (6x)  
FISHERIES/BIOLOGY 427 – Ichthyology (2x)  
FISHERIES 428/628 –Physiological Ecology of Fishes (8x)  
FISHERIES 492/692 – Fisheries Seminar  
FISHERIES 492/692 – Fisheries and Ocean Sciences Seminar  
FISHERIES 493/693 – Behavioral and Physiological Ecology of Fishes  
MARINE SCIENCE AND LIMNOLOGY 640 – Fisheries Oceanography  
FISHERIES/ANTHROPOLOGY/NATURAL RESOURCE MANAGEMENT/MARINE  
SCIENCE AND LIMNOLOGY 692 – Innovative Approaches to Marine Ecosystems  
FISHERIES/ANTHROPOLOGY/NATURAL RESOURCE MANAGEMENT/MARINE  
SCIENCE AND LIMNOLOGY 695 – Social, Oceanographic and Ecological  
Perspectives in Marine Ecosystems

### GRADUATE STUDENTS

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Marcel Gietzmann-Sanders, M.S., 2023–current  
*University of Alaska Fairbanks, College of Fisheries and Ocean Sciences, Department of Fisheries*  
Thesis:

Mary Hostetter, M.S., 2022–current  
*University of Alaska Fairbanks, College of Fisheries and Ocean Sciences, Department of Fisheries*  
Thesis:

Jasmine Nyce, M.S., 2022–current  
*University of Alaska Fairbanks, College of Fisheries and Ocean Sciences, Department of Fisheries*

Thesis: Understanding bull shark movement and behavior in the Western Atlantic Ocean

Charlotte Levy, M.S., 2022–current

*University of Alaska Fairbanks, College of Fisheries and Ocean Sciences, Department of Fisheries*

Thesis: Evaluation of Pacific Cod movement, stock structure and habitat use in the Gulf of Alaska

Sabrina Garcia, Ph.D., 2022–current

*University of Alaska Fairbanks, College of Fisheries and Ocean Sciences, Department of Fisheries*

Dissertation: Using species distribution models to predict overlap between Chinook salmon and the pollock fishing fleet in the Bering Sea

Connie Melovidov, M.S., 2021–current

*University of Alaska Fairbanks, College of Fisheries and Ocean Sciences, Department of Fisheries*

Thesis: Understanding movements and distributions of snow crab (*Chionoecetes opilio*) in the Eastern Bering Sea

Joe Spencer, M.S., 2021–current

*University of Alaska Fairbanks, College of Fisheries and Ocean Sciences, Department of Fisheries*

Thesis: Seaward migration and overwintering habits of Dolly Varden in northwestern Alaska analyzed using otolith microchemistry

Andrew Rothenberger, M.S., 2021–current

*University of Alaska Fairbanks, College of Fisheries and Ocean Sciences, Department of Fisheries*

Thesis: Migratory behaviors and rearing strategies of juvenile coho salmon (*Oncorhynchus kisutch*) in a rapidly changing environment

Garrett Dunne, Ph.D., 2020–current

*University of Alaska Fairbanks, College of Fisheries and Ocean Sciences, Department of Fisheries*

Dissertation: Developing Improved Stock Assessments of Pacific Sleeper Shark (*Somniosus pacificus*) and Pacific Spiny Dogfish (*Squalus suckleyi*) in Alaska

Kevin Siwicke, Ph.D., 2020–current

*University of Alaska Fairbanks, College of Fisheries and Ocean Sciences, Department of Fisheries*

Dissertation: Understanding movement patterns of juvenile and adult sablefish in Alaska

Austin Flanigan, Ph.D., 2019–current

*University of Alaska Fairbanks, College of Fisheries and Ocean Sciences, Department of Fisheries*

Thesis: Understanding Spatial Dynamics and Stock Structure of Pacific Halibut (*Hippoglossus stenolepis*) in the Northern Bering Sea

Matthew Smukall, Ph.D., 2015–2023

*University of Alaska Fairbanks, College of Fisheries and Ocean Sciences, Department of Fisheries*  
Dissertation: Relative abundance and movement ecology of tiger sharks *Galeocerdo cuvier* in the water surrounding Bimini, The Bahamas

Luke Henslee, M.S., 2019–2023

*University of Alaska Fairbanks, College of Fisheries and Ocean Sciences, Department of Fisheries*  
Thesis: Stock composition and coastal migration characteristics of coho salmon in fisheries of Norton Sound, Alaska

Julie Nielsen, Ph.D., 2010–2019

*University of Alaska Fairbanks, College of Fisheries and Ocean Sciences, Department of Fisheries*  
Dissertation: Multiscale movement of demersal fishes off Alaska

Kaitlyn Manishin, M.S., 2016–2018

*University of Alaska Fairbanks, College of Fisheries and Ocean Sciences, Department of Fisheries*  
Thesis: Exploring the potential role of late stage predation and Chinook salmon age structure

Marguerite Tibbles, M.S., 2016–2018

*University of Alaska Fairbanks, College of Fisheries and Ocean Sciences, Department of Fisheries*  
Thesis: The seasonal dynamics of coastal Arctic lagoons in Northwest Alaska

Stephanie Meggers, M.S., 2011–2018

*University of Alaska Fairbanks, College of Fisheries and Ocean Sciences, Department of Fisheries*  
Thesis: Factors influencing Chinook salmon spawning distribution in the Togiak River, Alaska

Thomas Farrugia, Ph.D., 2010–2017

*University of Alaska Fairbanks, College of Fisheries and Ocean Sciences, Department of Fisheries and Marine Ecosystems Sustainability in the Arctic and Subarctic*  
Dissertation: Interdisciplinary assessment of the skate fishery in the Gulf of Alaska

Michael Courtney, M.S., 2013–2015

*University of Alaska Fairbanks, School of Fisheries and Ocean Sciences, Fisheries Division*  
Thesis: Dispersal of Dolly Varden from the Wulik River, Alaska, evaluated using satellite telemetry

Kevin Siwicke, M.S., 2011–2014

*University of Alaska Fairbanks, School of Fisheries and Ocean Sciences, Fisheries Division*  
Thesis: Relationships between anadromous lampreys and their host fishes in the Eastern Bering Sea

Parker Bradley, M.S., 2010–2013

*University of Alaska Fairbanks, School of Fisheries and Ocean Sciences, Fisheries Division*

Thesis: Characterizing the fish community in turbid Alaskan rivers to assess potential interactions with hydrokinetic devices

## **GRADUATE COMMITTEES**

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Elizabeth “Mik” Lindley, M.S., current

*University of Alaska Fairbanks, College of Fisheries and Ocean Sciences, Department of Fisheries*

Thesis: Arctic salmon: patterns, perceptions, and barriers to colonization

Courtney Pegus, Ph.D., current

*University of Alaska Fairbanks, College of Fisheries and Ocean Sciences, Department of Fisheries*

Dissertation: Evaluating climate-induced changes to trophic interactions and movement of top predators in subarctic glaciated ecosystems

Katja Berghaus, Ph.D., resigned from committee

*University of Alaska Fairbanks, College of Fisheries and Ocean Sciences, Department of Fisheries*

Thesis: Stock assessment of lingcod in Prince William Sound

Will Samuel, M.S., 2024

*University of Alaska Fairbanks, College of Fisheries and Ocean Sciences, Department of Fisheries*

Thesis: When beavers get burned, do fish fry? The role beavers play in mediating the effects of fire on freshwater fish habitat in a boreal ecoregion

Olivia Edwards, M.S., 2023

*University of Alaska Fairbanks, College of Fisheries and Ocean Sciences, Department of Fisheries*

Thesis: Juvenile Chinook Salmon (*Oncorhynchus tshawytscha*) movement, overwinter survival, and outmigration timing in the Chena River, Alaska

Madeline “Maddy” Lee, M.S., 2023

*University of Alaska Fairbanks, College of Fisheries and Ocean Sciences, Department of Fisheries*

Thesis: Water temperature, heat stress, and the performance of a Subarctic population of Chinook salmon (*Oncorhynchus tshawytscha*) in an era of rapid warming

Lindsey Stadler, M.S., 2023

*University of Alaska Fairbanks, College of Fisheries and Ocean Sciences, Department of Marine Biology*

Thesis: Food web ecology of nearshore fishes along a gradient of glacially influenced watersheds

Robert Spangler, Ph.D., 2021

*University of Alaska Fairbanks, College of Fisheries and Ocean Sciences, Department of Fisheries*  
Dissertation: Population discreteness, and the spawning habitat selection and migratory behavior of eulachon (*Thaleichthys pacificus*) in Alaska

Jason Leppi, Ph.D., 2021

*University of Alaska Fairbanks, College of Fisheries and Ocean Sciences, Department of Fisheries*  
Dissertation: Movement, habitat selection and foraging ecology of Broad Whitefish (*Coregonus nasus*) in the Colville River, Alaska

Darcie Neff, M.S., 2021

*University of Alaska Fairbanks, College of Fisheries and Ocean Sciences, Department of Fisheries*  
Thesis: Spawn timing of a local aggregation of Pacific sand lance in Juneau, Alaska

Alyssa Frothingham, M.S., 2020

*University of Alaska Fairbanks, College of Fisheries and Ocean Sciences, Department of Fisheries*  
Thesis: Age, growth and movement dynamics of Arctic Cod (*Boreogadus saida*) in the Chukchi and Beaufort seas

Kirsten Ressel, M.S., 2019

*University of Alaska Fairbanks, College of Fisheries and Ocean Sciences, Department of Fisheries*  
Thesis: Regional distribution, life history, and morphometry of spawning-stage Capelin *Mallotus villosus*

Caitlyn Forster, M.S., 2019

*University of Alaska Fairbanks, College of Fisheries and Ocean Sciences, Department of Fisheries*  
Thesis: Spatial patterns, environmental correlates, and potential seasonal migration triangle of Arctic cod (*Boreogadus saida*) distribution in the Chukchi and Beaufort seas.

Andrew Cyr, Ph.D., 2019

*University of Alaska Fairbanks, College of Fisheries and Ocean Sciences, Department of Fisheries*  
Dissertation: Mercury concentrations and feeding ecology of fishes in Alaska

Rhea Ehresmann, M.S., 2018

*University of Alaska Fairbanks, College of Fisheries and Ocean Sciences, Department of Fisheries*  
Thesis: Patterns and environmental drivers of juvenile sablefish movement in Southeast Alaska

Kristin Neuneker, M.S., 2017

*University of Alaska Fairbanks, College of Fisheries and Ocean Sciences, Department of Fisheries*  
Thesis: Migration patterns and energetics of adult chinook salmon *Oncorhynchus tshawytscha* in Alaska rivers



Reid Brewer, Ph.D., 2016

*University of Alaska Fairbanks, School of Fisheries and Ocean Sciences, Graduate Program in Marine Sciences and Limnology*

Dissertation: Population and ecology of the North Pacific giant octopus (*Enteroctopus dofleini*) in the eastern Bering Sea

Catherine Chambers, Ph.D., 2016

*University of Alaska Fairbanks, School of Fisheries and Ocean Sciences, Fisheries Division*

Dissertation: Fisheries management and fisheries livelihoods in Iceland

Benjamin Gray, M.S., 2015

*University of Alaska Fairbanks, School of Fisheries and Ocean Sciences, Fisheries Division*

Thesis: Comparisons of Arctic Cod, Arctic Staghorn Sculpin, and Shorthorn Sculpin diets throughout the northeastern Chukchi and western Beaufort Seas

Brittany Blain, M.S., 2014

*University of Alaska Fairbanks, School of Fisheries and Ocean Sciences, Fisheries Division*

Thesis: The effects of barotrauma and deepwater-release mechanisms on the reproductive viability of yelloweye rockfish in Prince William Sound, Alaska

Kurt Heim, M.S., 2014

*University of Alaska Fairbanks, School of Fisheries and Ocean Sciences, Fisheries Division*

Thesis: Seasonal movements of arctic grayling in a small stream on the Arctic Coastal Plain, Alaska

Terril Efird, M.S., 2014

*University of Alaska Fairbanks, School of Fisheries and Ocean Sciences, Graduate Program in Marine Sciences and Limnology*

Thesis: Effects of environmental characteristics on the fish assemblages of high latitude kelp forests in South-central Alaska

Nicholas Smith, M.S., 2013

*University of Alaska Fairbanks, School of Fisheries and Ocean Sciences, Fisheries Division*

Thesis: Seasonal movement patterns and habitat occupancy of Kotzebue region inconnu

Aaron Dupuis, M.S., 2010

*University of Alaska Fairbanks, School of Fisheries and Ocean Sciences, Fisheries Division*

Thesis: Reproductive biology and movement patterns of humpback whitefish and least cisco in the Minto Flats-Chatanika River complex, Alaska

Joel Markis, M.S., 2007

*University of Alaska Fairbanks, School of Fisheries and Ocean Sciences, Graduate Program in Marine Sciences and Limnology*

Thesis: Structure of nearshore fish assemblages in relation to varying levels of habitat complexity

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## **UNDERGRADUATE RESEARCH MENTORING**

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William Samuel, B.S., Natural Resource Management, 2020–2021  
Rachael Teter, B.S., Wildlife Biology and Conservation, 2017–2019  
Roberta Walker, B.S., Wildlife Biology and Conservation, 2017–2019  
Stephanie Jump, B.S., Fisheries, 2015–2019  
Harrison DeSanto, B.S., Fisheries, 2016  
Sandra Madison, B.A., Rural Development, 2015–2016  
John Scott, B.S., Biology, Senior Thesis, Honors Capstone, 2013  
Michael Courtney, B.S., Fisheries, Senior Thesis, 2013  
Mark Evans, B.S., Fisheries, 2012

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## **RESEARCH ACTIVITIES**

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### **FUNDED RESEARCH**

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Loeffler, B., S. Jump, and A.C. Seitz. 2024. Pacific Marine Energy Center operations. U.S. Department of Energy, Office of Energy Efficiency and Renewable Energy. Total request: \$800,000 (\$187,659 to Seitz).

Seitz, A.C. 2024. Telemetry and genetic identity of Chinook salmon in Alaska (2). U.S. Navy. Total request: \$799,493.

Seitz, A.C., 2024. Fish monitoring for material and cost efficient modular riverine hydrokinetic energy system. Sub-award from Alaska Center for Energy and Power project funded by U.S. Department of Energy Advanced Research Projects Agency-Energy (ARPA-E). Total request: \$21,475.

Seitz, A.C. 2024. Fish monitoring support for Tanana River Test Site. Alaska Center for Energy and Power. Total request: \$30,000

Seitz, A. 2023. Fish monitoring support for Tanana River Test Site. Alaska Center for Energy and Power. Total request: \$25,000

Levy, C., S. McDermott, A.C. Seitz, and J. Nielsen. 2022. Evaluation of Pacific cod movement, stock structure and habitat use in the Gulf of Alaska using pop-up satellite

tagging. Pacific States Marine Fisheries Commission. Total request: \$2,269,360.09 (\$354,649 to Seitz).

Seitz, A.C. 2022. Telemetry and genetic identity of Chinook salmon in Alaska (option item 5: data analyses and reporting). U.S. Navy, U.S. Pacific Fleet, Environmental Readiness Division. Total request: \$41,808.

Seitz, A.C., N. Yochum, J. Watson and S. Garcia. 2022. Getting ahead of bycatch spikes: using species distribution models to predict Chinook salmon and walleye pollock fleet overlap. Pollock Conservation Cooperative Research Center. Total request: \$103,356.

Seitz, A.C. 2021. Telemetry and genetic identity of Chinook salmon in Alaska (option item 4: Craig). U.S. Navy, U.S. Pacific Fleet, Environmental Readiness Division. Total request: \$221,812.

Seitz, A.C. 2021. Telemetry and genetic identity of Chinook salmon in Alaska (option item 3: Sitka). U.S. Navy, U.S. Pacific Fleet, Environmental Readiness Division. Total request: \$278,843.

Westley, P.A.H., A.C. Seitz, D.W. Hauser, A. Berdahl, T. Sformo, L. de Sousa, K. Dunmall. 2021. Pink Arctic: patterns, processes, and consequences of increasing Pacific Salmon in the high north. Alaska Sea Grant. Total request: \$175,216.

Seitz, A.C., 2021. Fish monitoring for Pacific Northwest National Laboratory Tanana River Test Site Use and Support. Sub-award from Alaska Center for Energy and Power project funded by Pacific Northwest National Laboratory Triton Initiative. Total request: \$5,430

Seitz, A.C., 2021. Fish monitoring for material and cost efficient modular riverine hydrokinetic energy system. Sub-award from Alaska Center for Energy and Power project funded by U.S. Department of Energy Advanced Research Projects Agency-Energy (ARPA-E). Total request: \$96,800

Seitz, A.C., 2021. Understanding spatial dynamics and movements of Pacific halibut in the Northern Bering Sea. Coastal Marine Institute. Total request: \$139,946.

Seitz, A.C. 2020. Telemetry and genetic identity of Chinook salmon in Alaska (option item 2: Yakutat). U.S. Navy, U.S. Pacific Fleet, Environmental Readiness Division. Total request: \$221,846.

Kasper, J.K. and A.C. Seitz. 2020. National Marine Renewable Energy Center (NMREC) infrastructure upgrades. U.S. Department of Energy Water Power Technologies Office. Total request: \$1,250,000 (\$311,005 to Seitz).

Seitz, A.C. 2020. Telemetry and genetic identity of Chinook salmon in Alaska (option item 1: Kodiak). U.S. Navy, U.S. Pacific Fleet, Environmental Readiness Division. Total request: \$219,191.

Seitz, A.C. 2020. Telemetry and genetic identity of Chinook salmon in Alaska (base period: Chignik). U.S. Navy, U.S. Pacific Fleet, Environmental Readiness Division. Total request: \$221,839.

Seitz, A.C. and M.D. Adkison. 2020. Advancing the data-limited assessments for spiny dogfish (*Squalus suckleyi*) and Pacific sleeper sharks (*Somniosus pacificus*). National Marine Fisheries Service, Alaska Fisheries Science Center Cooperative Agreement. Total funds requested: \$67,004 (all funds support a Ph.D. student).

Joy, P., A.C. Seitz, R.J. Brown, P. Crane. 2019. Life-history variability and mixed-stock analysis of Dolly Varden in the Noatak River. U.S. Fish and Wildlife Service Office of Subsistence Management. Total funds requested: \$182,446 (\$22,500 to Seitz).

Seitz, A.C. and A.M. Boustany. 2019. Ocean migration and behavior of steelhead kelts in multiple Alaskan OCS oil and gas lease areas, examined with satellite telemetry. Coastal Marine Institute. Total funds requested: \$253,484

Seitz, A.C. and J. Kasper, J. 2018. Advanced Laboratory and Field Arrays (ALFA) for Marine Energy. U.S. Department of Energy. Total funds requested: \$206,537 (\$150,000 to Seitz).

Seitz, A.C. and J. Kasper. 2018. Next generation MHK river power system optimized for performance, durability and survivability. Igiugig Village Council. Total funds requested: \$235,848.

Kasper, J., and A.C. Seitz. 2017. Yakutat Wave Energy Converter Impact Assessment. Bureau of Ocean Energy Management. Total funds requested: \$750,000 (\$233,694 to Seitz).

Oxtoby, L., and A.C. Seitz. 2016. Unalakleet River salmon: Investigating linkages between nutrient and life cycles. National Institute of Health Building Infrastructure Leading to Diversity Initiative. Total request: \$60,000.

Seitz, A.C. 2016. Further examination of the movement, behavior and predation of Chinook salmon in the Bering Sea. Pollock Conservation Cooperative Research Center. Total request: \$212,684

Seitz, A.C. 2016. Survival of Pacific halibut in the Bering Sea. FishNext Research, LLC. Total request: \$25,852 (all to Seitz).

Seitz, A.C. 2015. Do Salmon Sharks eat Chinook Salmon in Cook Inlet? Pacific States Marine Fisheries Commission. Total request: \$257,661 (all to Seitz).

Kasper, J., and A.C. Seitz. 2015. Echoview software. University of Alaska Fairbanks Undergraduate Research and Scholarly Activities program. Total request: \$10,000 for software package.

Seitz, A.C. 2015. Alaska subsistence food: characterizing salmon runs in the Yukon River. National Institute of Health Building Infrastructure Leading to Diversity Initiative. Total request: \$60,000 (all to Seitz)

Connor, L.D., Prakash, A., and A.C. Seitz. 2014. BRIGHT Girls (Budding Research Investigators in Geosciences, Habitat and Technology). National Science Foundation Innovative Technology Experiences for Students and Teachings (ITEST). Total Request: \$1,137,024 (\$43,817 to Seitz)

Seitz, A.C. and B. Scanlon. 2013. Dispersal patterns and summer ocean distribution of adult Dolly Varden in the Beaufort Sea using satellite telemetry. U.S. Fish and Wildlife Service Office of Subsistence Management. Total request: \$400,978 (all to Seitz).

Seitz, A.C., 2013. Oceanic dispersal and behavior of Chinook salmon in the Bering Sea. Arctic-Yukon-Kuskokwim Sustainable Salmon Initiative. \$396,122 (all to Seitz).

Johnson, J.B., H.A. Toniolo, and A.C. Seitz. 2013. Field research equipment and instrument system to facilitate research on hydrokinetic power generating devices and fish stocks in Alaska. Murdock Foundation. Total request: \$460,810 (equipment funds only for Alaska Hydrokinetic Energy Research Center).

Seitz, A.C., and K. Criddle. 2013. Economic viability of a directed skate fishery in the Gulf of Alaska. Alaska Sea Grant. Total request: \$88,167 (all to Seitz).

Johnson, J.B., A.C. Seitz, M. Mueller-Stoffels, J. Kasper. 2013. 2013 Debris characterization. Alaska Energy Authority. Total request: \$299,990 (\$12,946 to Seitz)

Seitz, A.C., 2012. Supplemental funds for: Dispersal patterns and summer ocean distribution of adult Dolly Varden from the Wulik River, Alaska, evaluated using satellite telemetry. Coastal Marine Institute. Supplemental funds: \$129,597 (all to Seitz).

Seitz, A.C. 2012. Fine scale summer movements of Pacific halibut in Glacier Bay, Alaska. University of Alaska Fairbanks Office of Undergraduate Research and Scholarly Activities. Total funds: \$5,000 (all to Seitz).

Seitz, A.C. and B. Scanlon. 2011. Dispersal patterns and summer ocean distribution of adult Dolly Varden from the Wulik River, Alaska, evaluated using satellite telemetry. Coastal Marine Institute. Total funds: \$146,511 (all to Seitz).

Seitz, A.C. 2011. Fish sampling in the Tanana River for the ORPC Nenana RivGen™ power project. Total funds: \$71,235 (all to Seitz).

Seitz, A.C. 2011. Using Pop-up Satellite Transmitting Tags for Understanding Pacific Halibut Movement In and Around Glacier Bay National Park. Glacier Bay National Park. Total funds: \$149,491 (all to Seitz).

Seitz, A.C. 2011. Togiak River Chinook salmon habitat use and genetic analysis. US Fish and Wildlife Service Office of Subsistence Management. Total funds: \$207,495 (\$134,371 to Seitz).

Johnson, J.B., G. Holdman, H. Toniolo and A.C. Seitz. 2011. Alaska Hydrokinetic Energy Research Center debris mitigation and fish sampling project in support of Alaska Power & Telephone's New Energy hydrokinetic turbine deployment efforts. Denali Commission. Total funds: \$672,273 (\$41,000 to Seitz).

Johnson, J.B., A.C. Seitz, G. Holdman, and H. Toniolo. 2011. Nenana In-River Hydrokinetic Energy Test Site Characterization. Alaska Energy Authority. Total funds: \$450,000 (\$70,970 to Seitz).

Seitz, A.C. and J.K. Nielsen. 2010. Resurrect, revise and submit halibut movement research for publication. Funded by North and West Alaska Cooperative Ecosystem Studies Unit (NWA-CESU). Total funds: \$13,879 (all to Seitz).

Seitz, A.C., and P. Winsor. 2010. Feasibility study of an innovative fish tracking system using an autonomous underwater vehicle glider. Funded by NOAA's Undersea Research Program. Total funds: \$108,825 (all to Seitz and Winsor).

Seitz, A.C. 2010. Fish sampling at the AP&T Yukon River hydrokinetic turbine project, Eagle, Alaska. Funded by Alaska Power and Telephone. Total funds: \$47,308 (all to Seitz).

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## MENTORED STUDENT RESEARCH PROPOSALS AND FELLOWSHIPS

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Flanigan, A. 2024. University of Alaska Fairbanks College of Fisheries and Ocean Sciences Dean's Research Assistantship. One academic year Ph.D. research assistantship including stipend, tuition, fees and health insurance.

Melovidov, C. 2024. University of Alaska Fairbanks Graduate School Thesis Completion Fellowship. One semester M.S. fellowship.

Nyce, J. 2024. University of Alaska Fairbanks Graduate School Thesis Completion Fellowship. One semester M.S. fellowship.

Flanigan, A. 2024. University of Alaska Fairbanks Troth Yeddha' Fellowship. One summer Ph.D. research assistantship including stipend, tuition, fees and health insurance.

Dunne, G. 2024. University of Alaska Fairbanks Troth Yeddha' Fellowship. One full year (academic year + summer) Ph.D. research assistantship including stipend, tuition, fees and health insurance.

Melovidov, C. 2024. John A. Knauss Marine Policy Fellowship. \$75,000 Sea Grant fellowship.

Dunne, G. 2023. Northern Gulf of Alaska Applied Research Award. Total funds: \$5,000.

Hostetter, M. 2022. Tamamta (All of us): Transforming western and Indigenous Fisheries and Marine Sciences Together. National Science Foundation, Navigating the New Arctic, Research Traineeship (NRT). Three year M.S. fellowship.

Dunne, G. 2022. Northern Gulf of Alaska Applied Research Award. Total funds: \$5,000.

Rothenberger, A. 2022. Northern Gulf of Alaska Applied Research Award. Total funds: \$5,000.

Garcia, S. 2022. Alaska NSF EPSCoR travel award. Total funds: \$2196.

Garcia, S. 2022. Using predictions of Chinook salmon distribution as a potential tool for reducing bycatch in the Bering Sea pollock fishery. North Pacific Research Board Graduate Student Research Award. Total funds: \$26,000.

Dunne, G. 2022. Improving stock assessments of Pacific sleeper shark (*Somniosus pacificus*) and Pacific spiny dogfish (*Squalus suckleyi*). North Pacific Research Board Graduate Student Research Award. Total funds: \$26,000.

Flanigan, A. 2022. Incorporating the spatial dynamics and movements of Bering Sea Pacific halibut into a management strategy evaluation. North Pacific Research Board Graduate Student Research Award. Total funds: \$26,000.

Melovidov, C. 2021. Alaska NSF EPSCoR travel award. \$3500.

Melovidov, C. 2021. Central Bering Sea Fishermen's Association research award. \$34,000.

Melovidov, C. 2021. Alfred P. Sloan Foundation's Indigenous Graduate Partnership program. \$33,000.

Samuel, W. 2021. University of Alaska Fairbanks Undergraduate Research and Scholarly Activities Student Research Award. \$5,000.

Dunne, G. 2021. Rasmuson Fisheries Research Center Graduate Student Fellowship Award. Three year Ph.D. fellowship.

Melovidov, C. 2021. Tamamta (All of us): Transforming western and Indigenous Fisheries and Marine Sciences Together. National Science Foundation, Navigating the New Arctic, Research Traineeship (NRT). Three year M.S. fellowship.

Siwicke, K. 2020. Rasmuson Fisheries Research Center Graduate Student Fellowship Award. Three year Ph.D. fellowship.

Flanigan, A. 2019. Rasmuson Fisheries Research Center Graduate Student Fellowship Award. Two year M.S. fellowship.

Manishin, K., 2018. Pollock Conservation Cooperative Research Center Graduate Research Fellowship supplement.

Manishin, K., 2016. University of Alaska Fairbanks Graduate School Travel Award. \$750.

Tibbles, M., 2016. University of Alaska Fairbanks Graduate School Travel Award. \$750.

Tibbles, M., 2016. University of Alaska Fairbanks BLaST Travel Award. \$8,000.

Jump, S. 2016. University of Alaska Fairbanks Undergraduate Research and Scholarly Activities Student Research Award. \$5,000.



Manishin, K., 2016. Pollock Conservation Cooperative Research Center Graduate Research Fellowship. Two year M.S. fellowship.

Tibbles, M. 2016. University of Alaska BLaST Graduate Mentoring Research Assistantship. Two year M.S. fellowship.

Farrugia, T.J. 2014. John A. Knauss Marine Policy Fellowship. \$56,000 Sea Grant fellowship.

Scott, J.D. 2013. University of Alaska Undergraduate Research and Scholarly Activities Student Research Award. \$2481.

Courtney, M.B. 2013. Rasmuson Fisheries Research Center Graduate Student Fellowship Award. Two year M.S. fellowship.

Courtney, M.B. 2013. Dispersal patterns and summer oceanic distribution of adult Dolly Varden from the Wulik River, Alaska, evaluated using satellite telemetry. University of Alaska Undergraduate Research and Scholarly Activities Student Research Award. Total funds: \$5000.

Farrugia, T.J. 2013. Rasmuson Fisheries Research Center Graduate Student Fellowship Award. Three year Ph.D. fellowship.

Farrugia, T.J. 2013. Northern Gulf of Alaska Applied Research Award. Total funds: \$5,000.

Nielsen, J.K. 2013. University of Alaska Fairbanks Graduate School Travel Grant. Total funds: \$2000.

Nielsen, J.K. 2013. Pollock Conservation Cooperative Research Center Graduate Research Fellowship. Three year Ph.D. fellowship.

Siwicke, K. 2013. University of Alaska Fairbanks Graduate School Thesis Completion Fellowship. One semester M.S. fellowship.

Courtney, M.B. 2012. Dispersal patterns and summer oceanic distribution of adult Dolly Varden from the Wulik River, Alaska, evaluated using satellite telemetry. Pollock Conservation Cooperative Research Center Undergraduate Research Internship.

Evans, M.D. 2012. University of Alaska Undergraduate Research and Scholarly Activities Student Travel Award travel. Total funds: \$1800.

Scott, J.D. 2012. Analyses of Pacific halibut depth-specific behavior. Pollock Conservation Cooperative Research Center Undergraduate Research Internship.

Scott, J.D. 2012. Analyses of Pacific halibut depth-specific behavior. University of Alaska Undergraduate Research and Scholarly Activities Student Research Award. Total funds: \$2300.

Scott, J.D. 2012. Alaska Association of Environmental Professionals Scholarship. Total funds: \$1000.

Farrugia, T.J. 2012. Northern Gulf of Alaska Applied Research Award. Total funds: \$5,000.

Evans, M.D. 2012. University of Alaska Fairbanks Office of Undergraduate Research and Scholarly Activities. Total funds: \$5,000.

Evans, M.D. 2011. Alaska Association of Environmental Professionals Scholarship. Total funds: \$1000.

Evans, M.D. 2011. University of Alaska Fairbanks Office of Undergraduate Research and Scholarly Activities Student Funding Application. Total funds: \$2500.

Nielsen, J.K., 2011. North Pacific Research Board Graduate Student Research Award. \$20,000.

Siwicke, K., 2011. Two year M.S. fellowship, funded by the National Science Foundation's and UAF School of Fisheries and Ocean Sciences Science Master's Program in Sustainable Ecosystem-Based Management of Living Marine Resources.

Nielsen, J.K. 2010. Three year Ph.D. fellowship funded by the Rasmuson Fisheries Research Center.

Farrugia, T.J. 2010. Three year Ph.D. fellowship, funded by the National Science Foundation's and UAF's Marine Ecosystem Sustainability in the Arctic and Subarctic program.

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## **BOOK CHAPTERS**

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## **BOOK REVIEWS**

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## **REPORTS**

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Courtney, M. B., E. A. Miller, A. M. Boustany, K. S. Van Houtan, M. Catterson, J. Pawluk, J. Nichols, and A. C. Seitz. 2023. Ocean migration and behavior of steelhead *Oncorhynchus mykiss* kelts from the Situk River, Alaska. Pacific Coast Steelhead Management Meeting, Newport OR, March 2023.

Flanigan, A., D. Wehde, T. Loher, A.C. Seitz. 2023. Assessing spawning behavior at the northern extreme of Pacific halibut. American Fisheries Society Alaska Chapter Student Sub-Unit Annual Research Symposium, Fairbanks/Juneau, AK, February 2023.

Melovidov, C., L. Zacher, A.C. Seitz. 2023. Testing the efficacy of mark report satellite tags (mrPAT) to examine movements of large male snow crab (*Chionoecetes opilio*) in the Eastern Bering Sea. American Fisheries Society Alaska Chapter Student Sub-Unit Annual Research Symposium, Fairbanks/Juneau, AK, February 2023.

Samuel, W.T., J.A. Falke, K.D. Tape, S.K. Panda, A.C. Seitz. 2023. When beavers get burned, do fish get fried? Assessing beaver effects on fish in a fire-dominated ecosystem using a combination of traditional fish sampling and eDNA. American Fisheries Society Alaska Chapter Student Sub-Unit Annual Research Symposium, Fairbanks/Juneau, AK, February 2023.

Garcia, S., N. Yochum, J. Watson and A.C. Seitz. 2023. Getting ahead of bycatch spikes: using species distribution models to predict Chinook salmon and walleye pollock fleet overlap. Pollock Conservation Cooperative Research Center Annual Research Review, Anchorage, AK, January 2023.

Melovidov, C., L. Zacher, A.C. Seitz. 2023. Testing the efficacy of satellite tags to examine movements of male snow crab (*Chionoecetes opilio*) in the Bering Sea. Alaska Marine Science Symposium, Anchorage, AK, January, 2023.

Courtney, M. B., and A. C. Seitz. 2023. Habitats occupied by Chinook salmon in the Gulf of Alaska and in the U.S. Navy's Temporary Maritime Activities Area. Alaska Marine Science Symposium, Anchorage, AK, January, 2023.

Flanigan, A., D. Wehde, T. Loher, A.C. Seitz. 2023. Assessing spawning behavior at the northern extreme of Pacific halibut. Alaska Marine Science Symposium, Anchorage, AK, January, 2023.

Flanigan, A., T. Loher, A.C. Seitz. 2023. Understanding spatial dynamics and movements of Pacific halibut in the northern Bering Sea. Coastal Marine Institute Annual Research Review. Virtual conference, January, 2023.

Melovidov, C., L. Zacher, A.C. Seitz. 2022 Testing the efficacy of satellite tags to examine movements of male snow crab (*Chionoecetes opilio*) in the Bering Sea. American Indian Science and Engineering Symposium. Palm Springs, CA, October 2022.

Garcia, S., C.A. Tribuzio, A.C. Seitz, M.B. Courtney, J.K. Nielsen, J.M. Murphy, D.S. Oxman. 2022. Using satellite-tagged salmon sharks to make inferences about predation on Pacific salmon. International Year of the Salmon Synthesis Symposium, Vancouver, Canada, October, 2022.

Samuel, W.T., J.A. Falke, S.K. Panda, K.D. Tape, A.C. Seitz. 2022. When beavers get burned, do fish pay the price? The role beavers play in mediating the effects of fire on freshwater fish habitat in a boreal ecoregion. American Fisheries Society Annual Meeting, Spokane, WA, August, 2022.

Flanigan, A., D. Wehde, T. Loher, A.C. Seitz. 2022. Understanding Pacific Halibut (*Hippoglossus stenolepis*) spatial dynamics in the Northern Bering Sea. Ecosystem Studies of Subarctic and Arctic Seas Annual Science Meeting, Seattle, WA, June 2022.

Courtney, M.B., A.C. Seitz. 2022. Telemetry and genetic identity of Chinook salmon in Alaska. U.S. Navy Marine Species Monitoring Annual Meeting. San Diego, CA, April, 2022.

Smith, J., D. Huff, M. Courtney, A.C. Seitz. 2022. Characterizing the distribution of Endangered Species Act salmonids in the Northwest Training and Testing area. U.S. Navy Marine Species Monitoring Annual Meeting. San Diego, CA, April, 2022.

Samuel, W.T., J.A. Falke, S.K. Panda, K.D. Tape, A.C. Seitz. 2022. When beavers get burned, do fish pay the price? The role beavers play in mediating the effects of fire on freshwater fish habitat in a boreal ecoregion. Alaska Cooperative Fish and Wildlife Research Unit Annual Meeting, Fairbanks, AK, April, 2022.

Spencer, J., B. Scanlon, J. Savereide, R. Brown, A.C. Seitz. 2022. Migrations of Dolly Varden (*Salvelinus malma*) in northwestern Alaska evaluated using otolith microchemistry. Alaska Cooperative Fish and Wildlife Research Unit Annual Meeting, Fairbanks, AK, April, 2022.

Edwards, O., J. Falke, J. Savereide, and A.C. Seitz. 2022. Juvenile Chinook Salmon (*Oncorhynchus tshawytscha*) movement, overwinter survival, and outmigration timing in the Chena River, Alaska. Alaska Cooperative Fish and Wildlife Research Unit Annual Meeting, Fairbanks, AK, April, 2022.

Samuel, W.T., J.A. Falke, S.K. Panda, K.D. Tape, A.C. Seitz. 2022. When beavers get burned, do fish pay the price? The role beavers play in mediating the effects of fire on freshwater fish habitat in a boreal ecoregion. American Fisheries Society Alaska Chapter, Student Subunit Annual Research Symposium, Fairbanks, AK, March, 2022.

Flanigan, A., D. Wehde, T. Loher, A.C. Seitz. 2022. Understanding Pacific Halibut (*Hippoglossus stenolepis*) spatial dynamics in the Northern Bering Sea. American Fisheries Society Alaska Chapter, Student Subunit Annual Research Symposium, Fairbanks, AK, March, 2022.

Stadler, L., K. Iken, K. Gorman, V. von Biela., A.C. Seitz. 2022. Food web ecology of nearshore fishes along a gradient of glacially influenced watersheds. Ocean Sciences Meeting. Virtual conference, March, 2022.

Staines, G., R. Mueller, A.C. Seitz, M.D. Evans, M. Wosnick, P. O'Byrne. 2022. Using an acoustic camera to inform fish collision risk from current energy converter turbines. Ocean Sciences Meeting. Virtual conference, March, 2022.

Courtney, M.B., A.C. Seitz. 2022. Habitats occupied by Chinook salmon in the Gulf of Alaska and in the U.S. Navy's Temporary Maritime Activities Area. Alaska Chapter American Fisheries Society Annual Meeting. Virtual conference, March 2022.

Samuel, W.T., J.A. Falke, K.D. Tape, S.K. Panda, A.C. Seitz. 2022. When beavers get burned, do fish get fried? The role of beavers to mediate wildfire effects on freshwater fish habitat in boreal Alaska. Alaska Chapter American Fisheries Society Annual Meeting. Virtual conference, March 2022.

Henslee, L., A. Dunker, Z. Liller, P. Westley, A.C. Seitz. 2022. Partitioning coho salmon landed in Norton Sound fisheries in the absence of convenient stock markers. Alaska Chapter American Fisheries Society Annual Meeting. Virtual conference, March 2022.

Spencer, J., B. Scanlon, J. Savereide, R. Brown, A.C. Seitz. 2022. Seaward migration and overwintering habits of Dolly Varden in northwestern Alaska analyzed using otolith microchemistry. Alaska Chapter American Fisheries Society Annual Meeting. Virtual conference, March 2022.

Flanigan, A., D. Wehde, T. Loher, A.C. Seitz. 2022. Understanding Pacific Halibut

(*Hippoglossus stenolepis*) spatial dynamics in the Northern Bering Sea. Alaska Chapter American Fisheries Society Annual Meeting. Virtual conference, March 2022.

Samuel, W.T., J.A. Falke, S.K. Panda, K.D. Tape, A.C. Seitz. 2022. When beavers get burned, do fish get fried? The role of beavers to mediate wildfire effects on freshwater fish habitat in boreal Alaska. Alaska NSF EPSCoR All Hands Meeting (“Fire and Ice”), Fairbanks, AK, February, 2022.

Spencer, J., R. Brown, A.C. Seitz. 2022. Seaward migration and overwinter pattern analysis of Dolly Varden in northwestern Alaska using otolith microchemistry. Alaska Marine Science Symposium. Virtual conference, January, 2022.

Henslee, L., M. Scholze, Z. Liller, P. Westley, A.C. Seitz. 2022. Coastal migration characteristics and stock composition of coho salmon in eastern Norton Sound fisheries. Alaska Marine Science Symposium. Virtual conference, January, 2022.

Flanigan, A., D. Wehde, T. Loher, A.C. Seitz. 2022. Understanding Pacific Halibut spatial dynamics in the Northern Bering Sea. Alaska Marine Science Symposium. Virtual conference, January, 2022.

Dunne, G., C. Tribuzio, C. Cunningham, M. Adkison, A.C. Seitz. 2022. Advancing the data-limited stock assessments for Pacific sleeper shark (*Somniosus pacificus*) and Pacific spiny dogfish (*Squalus suckleyi*). Alaska Marine Science Symposium. Virtual conference, January, 2022.

Courtney, M.B., A.C. Seitz. 2022. Habitats occupied by Chinook salmon in the Gulf of Alaska U.S. Navy Activities Area. Alaska Marine Science Symposium. Virtual conference, January, 2022.

Seitz, A.C., M.B. Courtney, D. Huff, J. Smith. 2021. Telemetry and genetic identity of Chinook salmon in Alaska. U.S. Navy Marine Species Monitoring Annual Meeting. Virtual conference, April, 2021.

Henslee, L., A.C. Seitz, P. Westley, M. Scholze, and Z. Liller. 2021. Coastal migration characteristics and stock composition of coho salmon in eastern Norton Sound fisheries. University of Alaska Fairbanks Midnight Sun Science Symposium. Virtual conference, April 2021.

Samuel, W. T., A. C. Seitz, K. M. Fraley, B. M. Osborne. 2021. Analysis of the Cripple Creek restoration project: assessing the effects of fish passage improvements and habitat enhancement on fishes in a Chena River tributary. URSA Research and Creative Activity Day, University of Alaska Fairbanks. Virtual conference, April 2021.



Henslee, L., A.C. Seitz, P. Westley, M. Scholze, and Z. Liller. 2021. Coastal migration characteristics and stock composition of coho salmon in eastern Norton Sound fisheries. Alaska Chapter American Fisheries Society Annual Meeting. Virtual conference, March 2021.

Samuel, W. T., A. C. Seitz, K. M. Fraley, B. M. Osborne. 2021. Analysis of the Cripple Creek restoration project: assessing the effects of fish passage improvements and habitat enhancement on fishes in a Chena River tributary. Alaska Chapter American Fisheries Society Annual Meeting. Virtual conference, March 2021.

Seitz, A.C. and M.B. Courtney. 2021. How often do large immature Chinook salmon occupy offshore waters? Alaska Chapter of the American Fisheries Society Annual Meeting. Virtual Conference, March 2021.

Flanigan, A., D. Wehde, T. Loher, A.C. Seitz. 2021. Understanding the spatial dynamics and stock structure of Pacific halibut (*Hippoglossus stenolepis*) in the Northern Bering Sea. Alaska Chapter of the American Fisheries Society Annual Meeting. Virtual Conference, March 2021.

Samuel, W. T., A. C. Seitz, K. M. Fraley, B. M. Osborne. 2021. Analysis of the Cripple Creek restoration project: assessing the effects of fish passage improvements and habitat enhancement on fishes in a Chena River tributary. Alaska Chapter American Fisheries Society, Student Subunit Annual Research Symposium. Virtual conference, February 2021.

Flanigan, A., D. Wehde, T. Loher, A.C. Seitz. 2021. Understanding the spatial dynamics and stock structure of Pacific halibut (*Hippoglossus stenolepis*) in the Northern Bering Sea. Alaska Chapter American Fisheries Society, Student Subunit Annual Research Symposium. Virtual conference, February 2021.

Courtney, M.B., A.C. Seitz, A. Boustany, E. Miller, M. Catterson, J. Pawluk, K. Van Houtan. 2021. Oceanic movement and behavior of steelhead, elucidated with pop-up satellite tags. Alaska Marine Science Symposium. Virtual conference, January 2021.

Seitz, A.C. and M.B. Courtney. 2021. Satellite tagging of Chinook salmon in the Gulf of Alaska. Alaska Marine Science Symposium. Virtual conference, January 2021.

Dunne, G., A.C. Seitz, M. Adkison, C. Tribuzio. 2021. Advancing the data-limited stock assessments for Pacific sleeper shark (*Somniosus pacificus*) and Pacific spiny dogfish (*Squalus suckleyi*) in Alaska. Alaska Marine Science Symposium. Virtual conference, January 2021.

Flanigan, A. and A.C. Seitz. 2021. Understanding the spatial dynamics and stock

structure of Pacific halibut (*Hippoglossus stenolepis*) in the Northern Bering Sea. Alaska Marine Science Symposium. Virtual conference, January 2021.

Seitz, A.C., M.B. Courtney, E. Miller, A. Boustany, K. Van Houtan, M. Catterson, J. Pawluk. 2021. Oceanic movement and behavior of steelhead, elucidated with pop-up satellite tags. Coastal Marine Institute Annual Research Review. Virtual conference, January 2021.

Seitz, A.C., E.A. Miller, M.B. Courtney, M. Catterson, J. Nichols, J.D. Kiernan, J. O'Sullivan, A. Norton, K.S. Van Houtan, A. Boustany. 2020. Interpreting mortality of satellite tagged salmonids. 20<sup>th</sup> Salmon Ocean Ecology Meeting, Monterey, CA, March 2020.

E.A. Miller, A.C. Seitz, M.B. Courtney, M. Catterson, J. Nichols, J.D. Kiernan, J. O'Sullivan, A. Norton, K.S. Van Houtan, A. Boustany. 2020. Ocean movement and behavior of steelhead revealed by pop-up satellite archival tags. Salmon Ocean Ecology Meeting, Monterey, CA, March 2020.

Seitz, A.C., M.B. Courtney, E.A. Miller, A. Boustany, K.S. Van Houtan, M. Catterson, J. Nichols. 2020. Ocean movement and behavior of steelhead kelts in Alaskan OCS oil and gas lease areas. Coastal Marine Institute Annual Research Review, Anchorage, AK, January 2020.

Courtney, M.B. and A.C. Seitz. 2020. Preliminary assessment of the spatial distribution of nearshore fishes near, Yakutat, AK. Alaska Marine Science Symposium, Anchorage, AK, January 2020.

Kasper, J., M.B. Courtney, M. Castellote, K. Stafford, and A.C. Seitz. 2020. The Yakutat wave energy study. Alaska Marine Science Symposium, Anchorage, AK, January 2020.

Seitz, A.C., M.B. Courtney, A.M. Boustany, E. Miller, M. Catterson and K. Van Houtan. 2020. Oceanic movement and behavior of Steelhead, elucidated with pop-up satellite tags. Alaska Marine Science Symposium, Anchorage, AK, January 2020.

Edwards, O., J. Falke, J. Savereide, and A.C. Seitz. 2019. Juvenile Chinook Salmon (*Oncorhynchus tshawytscha*) movement, overwinter survival, and outmigration timing in the Chena River, Alaska. American Fisheries Society Annual Meeting, Reno, NV, September 2019.

Smukall, M., N. Mylniczenko, A.C. Seitz, S. Gruber and T. Guttridge. 2019. Body condition and energy storage of juvenile tiger sharks *Galeocerdo cuvier*. Joint Meeting of Ichthyologists and Herpetologists, Snowbird, UT, July 2019.

Seitz, A.C., M.B. Courtney. 2019. Regional oceanic behavior of large Chinook salmon. Alaska Chapter American Fisheries Society Annual Meeting, Sitka, Alaska, 19-22 March, 2019.

Seitz, A.C., M.B. Courtney, K.A. Manishin, P.A.H. Westley. 2019. Reexamining an assumption about marine mortality of Chinook salmon. Alaska Chapter American Fisheries Society Annual Meeting, Sitka, Alaska, 19-22 March, 2019.

Courtney, M.B., A.C. Seitz. 2019. Preliminary assessment of the spatial distribution of nearshore fishes near Yakutat, AK. Alaska Chapter American Fisheries Society Annual Meeting, Sitka, Alaska, 19-22 March, 2019.

Edwards, O.N., Falke, J.A., Savereide, J.W., and A.C. Seitz. 2019. Juvenile Chinook Salmon (*Oncorhynchus tshawytscha*) movement, overwinter survival, and outmigration timing in the Chena River, Alaska. Alaska Chapter American Fisheries Society Annual Meeting, Sitka, Alaska, 19-22 March, 2019.

Courtney, M.B., A.C. Seitz, R.J. Brown, C. Gallagher, B. Scanlon. 2019. Revisiting the biology and ecology of northern form Dolly Varden *Salvelinus malma* in the Alaskan and western Canadian Arctic. Alaska Chapter American Fisheries Society Annual Meeting, Sitka, Alaska, 19-22 March, 2019.

Manishin, K.A., C.J. Cunningham, P.A.H. Westley, A.C. Seitz. 2019. Late Stage Marine Mortality of Chinook Salmon Helps Explain Observed Changes in Age Structure of Chinook Salmon Returns. Pollock Conservation Cooperative Research Center Annual Research Review, Anchorage, AK, January 2019.

Seitz, A.C., M.B. Courtney. 2019. Examination of the movement, behavior and predation of Chinook salmon in the Bering Sea. Pollock Conservation Cooperative Research Center Annual Research Review, Anchorage, AK, January 2019.

Castellote, M., J. Kasper, A.C. Seitz, K. Stafford. 2019. Yakutat Wave Energy Study. Alaska Marine Science Symposium, Anchorage, AK, January 2019.

Manishin, K.A., C.J. Cunningham, P.A.H. Westley, A.C. Seitz. 2019. Late Stage Marine Mortality of Chinook Salmon Helps Explain Observed Changes in Age Structure of Chinook Salmon Returns. Alaska Marine Science Symposium, Anchorage, AK, January 2019.

Seitz, A.C., M.B. Courtney, K.A. Manishin, P.A.H. Westley. 2019. Reexamining an assumption about marine mortality of Chinook salmon. Alaska Marine Science Symposium, Anchorage, AK, January 2019.

- Tibbles, M., M. Robards, A.C. Seitz. 2019. Recent studies of southern Chukchi Sea lagoons. Alaska Marine Science Symposium, Anchorage, AK, January 2019.
- Tibbles, M., A.R. Mahoney, M. Robards, J. Falke, A.C. Seitz. 2018. A Habitat Suitability model for identifying overwinter conditions for coregonine whitefishes in Arctic lagoons. Ecosystem Studies of Subarctic and Arctic Seas Annual Science Meeting. Fairbanks, AK, June 2018.
- Brown, R.J., A.C. Seitz and M.B. Courtney. 2018. A radio telemetry investigation of migration timing, habitat use, survival, and straying of mature Dolly Varden *Salvelinus malma* in the Canning River, Arctic National Wildlife Refuge. Western Division American Fisheries Society Annual Meeting. Anchorage, AK, May 2018.
- Tibbles, M., A.R. Mahoney, M. Robards, J. Falke, A.C. Seitz. 2018. A Habitat Suitability model for identifying overwinter conditions for coregonine whitefishes in Arctic lagoons. Western Division American Fisheries Society Annual Meeting. Anchorage, AK, May 2018.
- Manishin, K.A., C.J. Cunningham, P.A.H. Westley, and A.C. Seitz. 2018. Potential effects of late marine mortality on Chinook salmon populations. Western Division of the American Fisheries Society Meeting. Anchorage, Alaska. May 2018.
- Manishin, K.A., C.J. Cunningham, P.A.H. Westley, and A.C. Seitz. 2018. Potential effects of late marine mortality on Chinook salmon populations. University of Alaska Fairbanks American Fisheries Society Student Subsection Symposium. Fairbanks, Alaska. April 2018.
- Seitz, A.C., M.B. Courtney, K.A. Manishin, C.J. Cunningham, P.A.H. Westley. 2018. Reexamining an assumption about marine mortality of Chinook salmon. Salmon Ocean Ecology Meeting. Newport, Oregon. February 2018.
- Manishin, K.A., P.A.H. Westley, C.J. Cunningham, and A.C. Seitz. 2018. Potential effects of apex predation mortality on Chinook salmon age structure. Salmon Ocean Ecology Meeting. Newport, Oregon. February 2018.
- Manishin, K.A. and A.C. Seitz. 2018. Under what scenarios could salmon shark predation impact Chinook salmon production? Pollock Conservation Cooperative Research Center Annual Principle Investigators' Symposium. Anchorage, Alaska. January 2018.
- Seitz, A.C., and M.B. Courtney. 2018. Further examination of the movement, behavior and predation of Chinook salmon in the Bering Sea. Pollock Conservation Cooperative Research Center Annual Principle Investigators' Symposium. Anchorage, Alaska.

January 2018.

Horning, M., B. Mate, M. Holland, K. Holland, and A.C. Seitz. 2018. The Argos Alliance: Working towards keeping the critical Argos wildlife tracking system viable. Alaska Marine Science Symposium. Anchorage, Alaska. January 2018.

Seitz, A.C., M.B. Courtney, K.A. Manishin, C.J. Cunningham, P.A.H. Westley. 2018. Reexamining an assumption about marine mortality of Chinook salmon. Alaska Marine Science Symposium. Anchorage, Alaska. January 2018.

Manishin, K.A., K.J. Goldman, M. Short, C.J. Cunningham, P.A.H. Westley and A.C. Seitz. 2018. Exploring the Potential Role of an Apex Marine Predator: Prey Consumption Estimates of Salmon Sharks in the North Pacific. Alaska Marine Science Symposium. Anchorage, Alaska. January 2018.

Rose, C., J.K. Nielsen, T. Loher, S. Sethi, A.C. Seitz, J. Gauvin, P. Drobny and M.B. Courtney. 2018. Monitoring Survival of Trawler Deck-Released Pacific Halibut Using Satellite Reporting Accelerometer Tags. Alaska Marine Science Symposium. Anchorage, Alaska. January 2018.

Nielsen, J.K., F. Broell, T. Loher, C. Rose, P. Drobny, C.T. Taggart, and A.C. Seitz. 2017. Assessing survival and activity patterns of Pacific halibut using Pop-up Satellite Archival Tags with accelerometer sensors. The 10th International Flatfish Symposium, St. Malo, France, November 2017.

Nielsen, J.K., F. Broell, T. Loher, C. Rose, P. Drobny, C.T. Taggart, and A.C. Seitz. 2017. Characterizing activity patterns of Pacific halibut with accelerometer data from Pop-up Satellite Archival Tags. The 6th International Biologging Symposium, Lake Constance, Germany, September 2017.

Tibbles, M., A.C. Seitz, T.B. Haynes, M. Robards, T. Jones, and A. Whiting. 2017. Identifying overwintering habitat for whitefishes in Arctic coastal lagoons using remote sensing. 13th International Coregonid Symposium, Bayfield, Wisconsin, September, 2017.

Manishin, K., K.J. Goldman, M. Short, C. Cunningham, P. Westley and A.C. Seitz. 2017. Estimates of annual salmon shark consumption. The Joint Meeting of Ichthyologists and Herpetologists, Austin, TX, July 2017.

Smukall, M., and A.C. Seitz. 2017. Seasonal and Ontogenetic Shifts in the Movement and Trophic Position of Tiger Sharks *Galeocerdo cuvier* near Bimini, Bahamas. The Joint Meeting of Ichthyologists and Herpetologists, Austin, TX, July 2017.

Suzuki, K., S. Sato, K. Honda, T. Sato, M. Tomiyasu and A. Seitz. 2017. Live-Box niyoru sakemasurui hokakukatei no kannsatu (English translation: An observation of the capture process of a Live-Box code end for Salmonid fishes). Annual Meeting of the Japanese Society of Fisheries Engineering. Shimonoseki-shi, Japan, May 2017.

Konefal, N., J.L. Kasper, P.X. Duvoy, S. Jump and A.C. Seitz. 2017. The 2016 season at the Tanana River Test Site. Marine Energy Technology Symposium/International Marine Renewables Energy Conference. Washington D.C., May 2017.

Farrugia, T.J., G.H. Kruse, I.G. Taylor, O.A. Ormseth, and A.C. Seitz. 2017. How many fish are in this barrel? Sustainably harvesting two easily caught skate species. Kodiak Area Marine Science Symposium, Kodiak, Alaska, April, 2017.

Manishin, K., M. Short, K.J. Goldman, C. Cunningham and A.C. Seitz. 2017. Estimates of annual salmon shark consumption. American Fisheries Society Alaska Chapter Student Research Symposium, Fairbanks, Alaska, March, 2017.

Tibbles, M., A.C. Seitz, T.B. Haynes, T. Jones, and A. Whiting. 2017. Identifying overwintering habitat for whitefishes in Arctic coastal lagoons using remote sensing. American Fisheries Society Alaska Chapter Student Research Symposium, Fairbanks, Alaska, March, 2017.

Farrugia, T.J., G.H. Kruse, I.G. Taylor, O.A. Ormseth, and A.C. Seitz. 2017. How many fish are in this barrel? Sustainably harvesting two easily caught skate species. American Fisheries Society Alaska Chapter Student Research Symposium, Fairbanks, Alaska, March, 2017.

Seitz, A.C., H. DeSanto, and M.B. Courtney. 2017. Are Dolly Varden “a winner” in a changing Arctic? Alaska Chapter American Fisheries Society Annual Meeting. Fairbanks, AK, March 2017.

Seitz, A.C., M.B. Courtney, K. Manishin, C. Cunningham, and P. Westley. 2017. Reexamining assumptions about marine mortality of Chinook salmon. Alaska Chapter American Fisheries Society Annual Meeting. Fairbanks, AK, March 2017.

Seitz, A.C., M.B. Courtney, and M.D. Evans. 2017. Marine movement, behavior, and survivorship of Chinook salmon in Cook Inlet, Alaska. Alaska Chapter American Fisheries Society Annual Meeting. Fairbanks, AK, March 2017.

Manishin, K., M. Short, K.J. Goldman, C. Cunningham and A.C. Seitz. 2017. Estimates of annual salmon shark consumption. Alaska Chapter American Fisheries Society Annual Meeting. Fairbanks, AK, March 2017.

Farrugia, T.J., G.H. Kruse, I.G. Taylor, O.A. Ormseth, and A.C. Seitz. 2017. How many fish are in this barrel? Sustainably harvesting two easily caught skate species. Alaska Chapter American Fisheries Society Annual Meeting. Fairbanks, AK, March 2017.

Tibbles, M., A.C. Seitz, T.B. Haynes, T. Jones, and A. Whiting. 2017. Identifying overwintering habitat for whitefishes in Arctic coastal lagoons using remote sensing. Alaska Chapter American Fisheries Society Annual Meeting. Fairbanks, AK, March 2017.

Farrugia, T.J., G.H. Kruse, I.G. Taylor, O.A. Ormseth, K.R. Criddle, and A.C. Seitz. 2017. How many fish are in this barrel? Sustainably harvesting two easily caught skate species. Alaska Marine Science Symposium. Anchorage, AK, January 2017.

Nielsen, J.K., and A.C. Seitz. 2017. Spatial and temporal scales of site fidelity for adult Pacific halibut in an Alaskan fjord. Alaska Marine Science Symposium. Anchorage, AK, January 2017.

Rose, C., J.K. Nielsen, T. Loher, S. Sethi, A.C. Seitz, J. Gauvin, P. Drobny, M.B. Courtney. 2017. Preliminary assessment of the use of satellite-reporting accelerometer tags to monitor survival of trawler deck-released halibut. Alaska Marine Science Symposium. Anchorage, AK, January 2017.

Courtney, M.B., A.C. Seitz, B. Scanlon, and R.J. Brown. 2017. Dispersal patterns and summer ocean distribution of adult Dolly Varden in the Beaufort Sea, evaluated with satellite telemetry. Alaska Marine Science Symposium. Anchorage, AK, January 2017.

Seitz, A.C., M.B. Courtney, and M.D. Evans. 2017. Do salmon sharks eat Chinook salmon in Cook Inlet? Alaska Marine Science Symposium. Anchorage, AK, January 2017.

Manishin, K., P. Westley, C. Cunningham, K.J. Goldman, and A.C. Seitz. 2017. How many Chinook salmon might salmon sharks be consuming in the Bering Sea? Alaska Marine Science Symposium. Anchorage, AK, January 2017.

Tibbles, M., A.C. Seitz, T.B. Haynes, M. Robards, and T. Jones. 2017. Identifying overwintering habitat for whitefishes in Arctic coastal lagoons using remote sensing techniques. Alaska Marine Science Symposium. Anchorage, AK, January 2017.

Manishin, K., P. Westley, C. Cunningham, K.J. Goldman, and A.C. Seitz. 2017. How many Chinook salmon might salmon sharks be consuming in the Bering Sea? Pollock Conservation Cooperative Research Center Annual Research Meeting. Anchorage, AK, January 2017.

- Conner, L.C., A. Prakash, A.C. Seitz, J. Womble, S. Perin, L. Oxtoby, L. Wirth, and B. Sundberg. 2016. Bait and switch? Harnessing girls' established interest to expand interest in other domains of science? Association of Science-Technology Centers Annual Conference, Tampa, FL, September 2016.
- Scanlon, B., A.C. Seitz, M.B. Courtney. 2016. Marine movements of Dolly Varden in northern Alaska, evaluated using satellite telemetry. American Fisheries Society Annual Meeting. Kansas City, MO, August 2016.
- Seitz, A.C., M.B. Courtney, M.D. Evans, and J. Murphy. 2016. Oceanic movement, behavior and mortality of Chinook Salmon, elucidated with pop-up satellite tags. American Fisheries Society Annual Meeting. Kansas City, MO, August 2016.
- Farrugia, T.J., G.H. Kruse, I.G. Taylor, O.A. Ormseth, K.R. Criddle, and A.C. Seitz. 2016. Developing the first stock assessment for big skates in Alaska: What harvest level is sustainable? American Elasmobranch Society Annual Meeting. New Orleans, LA, July 2016.
- Seitz, A.C., M.B. Courtney, M.D. Evans, J. Murphy. 2016. Oceanic movement, behavior and mortality of Chinook salmon, elucidated with pop-up satellite tags. Salmon Ocean Ecology Meeting. Juneau, AK, March 2016.
- Nielsen, J.K. and A.C. Seitz. 2016. Reconstructing demersal fish migrations in Alaska using archival tag data and a Hidden Markov Model. Animal Movement International Symposium. Lund, Sweden, February 2016.
- Nielsen, J.K. and A.C. Seitz. 2016. Seasonal and annual site fidelity of adult Pacific halibut to summer foraging areas in an Alaskan fjord. Western Groundfish Conference. Newport, OR, February 2016.
- Rose, C., J.K. Nielsen, T. Lindstrom, T. Loher, P. Drobny, J. Gauvin, A.C. Seitz. 2016. Satellite-reporting accelerometer tags for monitoring survival of trawler-deck released halibut. Alaska Marine Science Symposium, Anchorage, AK, January 2016.
- Courtney, M.B., A.C. Seitz, B. Scanlon, R. Brown. 2016. Marine behavior and movements of Dolly Varden in Arctic Alaska. Alaska Marine Science Symposium, Anchorage, AK, January 2016.
- Seitz, A.C., M.B. Courtney, M.D. Evans, R.V. Walker, and J. Murphy. 2016. High-seas movement and behavior of Chinook Salmon, elucidated with pop-up satellite tags. Alaska Marine Science Symposium, Anchorage, AK, January 2016.
- Seitz, A.C., M.B. Courtney, M.D. Evans, R.V. Walker, and J. Murphy. 2015. High-seas



- movement and behavior of Chinook Salmon, elucidated with pop-up satellite tags. Alaska Chapter American Fisheries Society Annual Meeting. Homer, AK, November 2015.
- Courtney, M.B., A.C. Seitz, B. Scanlon, R. Brown. 2015. Marine behavior and movements of Dolly Varden in Arctic Alaska. Alaska Chapter American Fisheries Society Annual Meeting. Homer, AK, November 2015.
- Nielsen, J.K., F. Broell, T. Loher, C. Rose, P. Drobny and A.C. Seitz. 2015. Characterizing and quantifying activity patterns of fish with accelerometer archival tags: Pacific Halibut as a case study. Alaska Chapter American Fisheries Society Annual Meeting. Homer, AK, November 2015.
- Rose, C., J.K. Nielsen, T. Lindstrom, A.C. Seitz, T. Loher, P. Drobny, J. Gauvin. 2015. Satellite-reporting accelerometer tags for monitoring survival of trawler-deck released halibut. Alaska Chapter American Fisheries Society Annual Meeting. Homer, AK, November 2015.
- Leppi, J. M. Wipfli, D. Rinella, M. Whitman A.C. Seitz. 2015. Investigating the movement, habitat selection and foraging ecology of Broad Whitefish (*Coregonus nasus*) in the Colville River watershed, Alaska. Alaska Chapter American Fisheries Society Annual Meeting. Homer, AK, November 2015.
- Scanlon, B., A.C. Seitz, M.B. Courtney, R. Brown. 2015. Dispersal patterns and summer ocean distribution of adult Dolly Varden in the Beaufort Sea, using satellite telemetry. American Fisheries Society Annual Meeting. Portland, OR, August 2015.
- Scanlon, B., A.C. Seitz, M.B. Courtney. 2015. Dispersal patterns and summer ocean distribution of adult Dolly Varden in the Chukchi Sea, using satellite telemetry. American Fisheries Society Annual Meeting. Portland, OR, August 2015.
- S. Urawa, J. Guyon, J.Y. Kim, M. Koval, D. Oxman, M. Saunders, H.Y. Song, Y. Tomida, R. Walker, and A.C. Seitz. 2015. Recoveries of high seas tags and tag releases from high seas research vessel surveys in 2014. North Pacific Anadromous Fisheries Commission 23<sup>rd</sup> Annual Meeting, Kobe, Japan, May 2015.
- Kasper, J.L., J.B. Johnson, A.C. Seitz, J. Schmid, N. Konefal, P. Duvoy and T. Tschetter. 2015. Hydrokinetic energy in Alaska. Alaska Forum on the Environment. Anchorage, AK, February 2015.
- Seitz, A.C., M.D. Evans, J. Murphy and R. Walker. 2015. Oceanic dispersal and behavior of Chinook salmon in the Bering Sea. Alaska Marine Science Symposium, Anchorage, AK, January 2015.

Courtney, M.B., A.C. Seitz, B. Scanlon, R. Brown. 2015. Dispersal patterns and summer ocean distribution of adult Dolly Varden in the Beaufort Sea using satellite telemetry. Alaska Marine Science Symposium, Anchorage, AK, January 2015.

Kasper, J.L., J.B. Johnson, A.C. Seitz, T. Tschetter, P. Duvoy, N. Konefal, and J. Schmid. 2014. Hydrokinetic energy in Alaska. Marine Technology Symposium. Corvallis, OR, November 2014.

Seitz, A.C. and J.K. Nielsen. 2014. Does a Marine Protected Area in an Alaskan fjord shield Pacific halibut from fishery harvest? International Flatfish Symposium, Cle Elum, WA, November 2014.

Nielsen, J.K. and A.C. Seitz. 2014. Characterizing movement states for Pacific halibut using data from both acoustic and archival tags. International Flatfish Symposium, Cle Elum, WA, November 2014.

Seitz, A.C., J.D. Scott, M.B. Courtney, T.J. Farrugia, J.K. Nielsen, and T. Loher. 2014. Does Pacific halibut behavior follow regular environmental cycles? International Flatfish Symposium, Cle Elum, WA, November 2014.

Loher T. and A.C. Seitz. 2014. Evidence of pelagic spawning in Pacific halibut: implications for an enhanced understanding of population function and life history strategies. International Flatfish Symposium, Cle Elum, WA, November 2014.

Kasper, J.L., A.C. Seitz, J.B. Johnson, J. Schmid, P. Duvoy, N. Konefal, and T. Tschetter. 2014. NNMREC in Alaska. Northwest National Marine Renewable Energy Center Annual Meeting. Seattle, WA, October 2014.

Heim, K. C., M. S. Wipfli, M. S. Whitman and A.C. Seitz. 2014. Body size and condition influence migration timing of juvenile Arctic grayling on the Arctic Coastal Plain. American Fisheries Society Alaska Chapter Annual Meeting, Juneau, Alaska, October 2014.

Nielsen, J.K. and A.C. Seitz. 2014. At home or on the range: Defining movement states for Pacific halibut in Glacier Bay, Alaska using both acoustic and archival tag data. American Fisheries Society Alaska Chapter Annual Meeting, Juneau, Alaska, October 2014.

Seitz, A.C. and J.K. Nielsen. 2014. Will the Glacier Bay Marine Protected Area shield Pacific halibut from commercial fishery harvest? American Fisheries Society Alaska Chapter Annual Meeting, Juneau, Alaska, October 2014.

Seitz, A.C., M.D. Evans, J. Murphy and R. Walker. 2014. Oceanic dispersal and behavior of Chinook salmon in the Bering Sea. American Fisheries Society Alaska Chapter Annual Meeting, Juneau, Alaska, October 2014.

Scanlon, B., M.B. Courtney, R. Brown, A.C. Seitz. 2014. Dispersal patterns and summer ocean distribution of adult Dolly Varden in the Beaufort Sea using satellite telemetry. American Fisheries Society Alaska Chapter Annual Meeting, Juneau, Alaska, October 2014.

Farrugia, T.J. and A.C. Seitz. 2014. Development of the first stock assessment for skates in Alaska, using Stock Synthesis. American Fisheries Society Alaska Chapter Annual Meeting, Juneau, Alaska, October 2014.

Nielsen, J.K. and A.C. Seitz. 2014. Net squared displacement (NSD): A Renaissance statistic for movement ecology. UAS Spatial Analysis Discussion Group, Juneau, September 2014.

Nielsen, J.K., H.H. Stockhausen, A.C. Seitz. 2014. Geolocation with geomagnetic archival tags: calibration issues and other devilish details. Biologging5 Conference, Strasbourg, France, September 2014.

Nielsen, J.K., T.J. Farrugia, A.C. Seitz. 2014 Tracking fish: an overview of tag technology and attachment methods. Biologging5 Conference, Strasbourg, France, September 2014.

Block B.A., H. Moustahfid, M. Weise, S. Simmons, K. Holland, J. Ault, J. Kocik, D. Costa, S.T. Lindley, B. Mate, S. Hayes, C.M. Holbrook, A. Seitz, M. Arendt, J. Payne, B. Mahmoudi, C. Alexander, P. Moore, J. Price, D. Wilson, R.E. Kochevar. 2014. Toward a United States Animal Telemetry Network (U.S. ATN) Through United States Interagency Ocean Observing System. Biologging5 Conference, Strasbourg, France, September 2014.

Johnson, J. B., J. L. Kasper, J. Schmid, A.C. Seitz, P. Duvoy, and A.V. Kulchitskiy. 2014. Alaska Hydrokinetic Energy Research Center's Tanana River Test Site. Ocean Renewable Energy Conference IX. Portland, OR, September 2014.

Kasper, J.L., J.B. Johnson, A.C. Seitz, J. Schmid, N. Konefal, T. Tschetter and P. Duvoy. 2014. The Alaska Hydrokinetic Energy Research Center. Rural Energy Conference. Fairbanks, AK, September 2014.

Seitz, A.C., M.B. Courtney, M.D. Evans and B. Scanlon. 2014. Dispersal and behavior of adult Dolly Varden char in the Arctic Ocean. American Fisheries Society Annual Meeting. Quebec City, August 2014.

Kasper, J.L., J.B. Johnson, A.C. Seitz, P. Duvoy and J. Schmid. 2014. The Alaska Hydrokinetic Energy Research Center. Business of Clean Energy in Alaska. Anchorage, AK, May 2014.

Evans, M.D., A.C. Seitz and J.K. Nielsen. 2014. Summer residency of Pacific halibut in Glacier Bay National Park. University of Alaska Fairbanks Research Day, April 2014.

Meggers, S., A.C. Seitz, A. Prakash, and C. Haselwimmer. 2014. Factors influencing Chinook salmon spawning distribution in the Togiak River, Alaska. Midnight Sun Science Symposium, Fairbanks, Alaska, April 2014.

Farrugia, T.J., A. Oliveira, H. Teas and A.C. Seitz. 2014. Nutritional And Contaminant Analysis Of Skates In The Gulf Of Alaska: Shaping Future Skate Demand. American Fisheries Society Alaska Chapter Student Research Symposium, Fairbanks, Alaska, April, 2014.

Farrugia, T.J., A. Oliveira, H. Teas and A.C. Seitz. 2014. Nutritional And Contaminant Analysis Of Skates In The Gulf Of Alaska: Shaping Future Skate Demand. American Fisheries Society Western Division Annual Meeting, Mazatlan, Mexico, April, 2014.

Farrugia, T.J., A. Oliveira, H. Teas and A.C. Seitz. 2014. Nutritional And Contaminant Analysis Of Skates In The Gulf Of Alaska: Shaping Future Skate Demand. Kodiak Area Marine Science Symposium, Kodiak, Alaska, April, 2014.

Johnson, J.B., J. Schmid, P. Duvoy, A.C. Seitz, J. Kasper and A. Kulchitsky. 2014. Strategies to Mitigate the Effects of Woody Debris on River Energy Converter Technologies (RECTs). The 7<sup>th</sup> Annual Global Renewable Energy Conference, Seattle, Washington, April 2014.

Meggers, S., A.C. Seitz, A. Prakash, and C. Haselwimmer. 2014. Factors influencing Chinook salmon spawning distribution in the Togiak River, Alaska. Alaska Cooperative Fish and Wildlife Research Unit Annual Research Review, Fairbanks, Alaska, March 2014.

Nielsen, J.K. and A.C. Seitz. 2014. Developing a state-space model for reconstructing demersal fish migrations using archival tag data. Western Groundfish Conference, Victoria, British Columbia, February 2014.

Farrugia, T.J., A. Oliveira, and A.C. Seitz. 2014. Nutritional And Contaminant Analysis Of Skates In The Gulf Of Alaska: Shaping Future Skate Demand. American Association for Advancement of Science Annual Meeting, Chicago, Illinois, February, 2014.

Seitz, A.C., M. Evans, J. Murphy and R. Walker. 2014. Oceanic dispersal and behavior of

Chinook salmon in the Bering Sea. Alaska Marine Science Symposium, Anchorage, Alaska, January 2014.

Courtney, M.B, A.C. Seitz, M.D. Evans and B. Scanlon. 2014. Dispersal of Dolly Varden from the Wulik River, evaluated using satellite telemetry. Alaska Marine Science Symposium, Anchorage, Alaska, January 2014.

Farrugia, T.J., A. Oliveira, and A.C. Seitz. 2014. Nutritional And Contaminant Analysis Of Skates In The Gulf Of Alaska: Shaping Future Skate Demand. Alaska Marine Science Symposium, Anchorage, Alaska, January 2014.

Divoky, G., K. Boswell, D. Douglas, M. Druckenmiller, C. George, R. Heintz, P. Lukacs, J. Moran, A.C. Seitz, T. Sformo, L. deSousa, R. Suydam, and Y. Tremblay. 2014. A Resident Seabird's Perspective On A Changing Arctic: Using Black Guillemots To Monitor And Sample A Marine Ecosystem. Alaska Marine Science Symposium, Anchorage, Alaska, January 2014.

Meggers, S., A.C. Seitz, A. Prakash, and C. Haselwimmer. 2013. Factors influencing Chinook salmon spawning distribution in the Togiak River, Alaska. Southwest Alaska Salmon Habitat Partnership Salmon Science Workshop, Anchorage, AK, December 2013.

Courtney, M.B, A.C. Seitz, M.D. Evans and B. Scanlon. 2013. Dispersal of Dolly Varden from the Wulik River, evaluated using satellite telemetry. American Association for Advancement of Science, Arctic Division Meeting, Kodiak, Alaska, September 2013.

Farrugia, T.J., A. Oliveira, and A.C. Seitz. 2013. Nutritional And Contaminant Analysis Of Skates In The Gulf Of Alaska: Shaping Future Skate Demand. American Association for Advancement of Science, Arctic Division Meeting, Kodiak, Alaska, September 2013.

Meggers, S., A.C. Seitz, A. Prakash, and C. Haselwimmer. 2013. Factors influencing Chinook salmon spawning distribution in the Togiak River, Alaska. American Fisheries Society Alaska Chapter Annual Meeting, Fairbanks, Alaska, October 2013.

Courtney, M.B, A.C. Seitz, M.D. Evans and B. Scanlon. 2013. Dispersal of Dolly Varden from the Wulik River, evaluated using satellite telemetry. American Fisheries Society Alaska Chapter Annual Meeting, Fairbanks, Alaska, October 2013.

Farrugia, T.J., A. Oliveira, and A.C. Seitz. 2013. Nutritional And Contaminant Analysis Of Skates In The Gulf Of Alaska: Shaping Future Skate Demand. American Fisheries Society Alaska Chapter Annual Meeting, Fairbanks, Alaska, October 2013.

Nielsen, J.K. and A.C. Seitz. 2013. Halibut detectives: using electronic tags to uncover the mysteries of halibut migration. American Fisheries Society Alaska Chapter Annual

Meeting, Fairbanks, Alaska, October 2013.

Scott, J.D. and A.C. Seitz. Does Pacific halibut behavior correspond to regular environmental cycles? American Fisheries Society Alaska Chapter Annual Meeting, Fairbanks, Alaska, October 2013.

Siwicke, K.A. and A.C. Seitz. 2013. The influence of host fishes on the distribution of anadromous lampreys in the eastern Bering Sea. American Fisheries Society Alaska Chapter Annual Meeting, Fairbanks, Alaska, October 2013.

Gray, B., B.L. Norcross, A.H. Beaudreau, A.L. Blanchard, and A.C. Seitz. 2013. Fish diets across the Chukchi and Beaufort Seas. American Fisheries Society Alaska Chapter Annual Meeting, Fairbanks, Alaska, October 2013.

Scott, J.D. and A.C. Seitz. 2013. Does Pacific halibut behavior correspond to regular environmental cycles? University of Alaska Fairbanks Research Day, April 2013.

Courtney, M.B, B.Scanlon, M.D. Evans and A.C. Seitz. 2013. Dispersal of Dolly Varden from the Wulik River, evaluated using satellite telemetry. University of Alaska Fairbanks Research Day, April 2013.

Courtney, M.B, B.Scanlon, M.D. Evans and A.C. Seitz. 2013. Dispersal of Dolly Varden from the Wulik River, evaluated using satellite telemetry. University of Alaska Fairbanks Fisheries Division Undergraduate Experiential Learning Seminar, April 2013.

Meggers, S., A.C. Seitz and A. Prakash. 2013. Factors influencing Chinook salmon spawning distribution in the Togiak River, Alaska. Alaska Cooperative Fish and Wildlife Research Unit Annual Research Review, Fairbanks, Alaska, March 2013.

Scanlon, B., M.B. Courtney, M.D. Evans and A.C. Seitz. 2013. Dispersal of Dolly Varden from the Wulik River, evaluated using satellite telemetry. Western Alaska Interdisciplinary Science Conference, Nome, Alaska, March 2013.

Seitz, A.C., M.B. Courtney, M.D. Evans, B. Scanlon and M. Evenson. 2013. Dispersal of Dolly Varden from the Wulik River, evaluated using satellite telemetry. Alaska Marine Science Symposium, Anchorage, Alaska, January 2013.

Farrugia, T.J. and A.C. Seitz. 2013. Movement Patterns of Skates in the Gulf of Alaska and Implications for the Management of a Skate Fishery. Alaska Marine Science Symposium, Anchorage, Alaska, January 2013.

Siwicke, K.A. and A.C. Seitz. 2013. Lamprey distribution and abiotic factors in the eastern Bering Sea. Alaska Marine Science Symposium, Anchorage, Alaska, January 2013.

Courtney, M.B., B. Scanlon, M.D. Evans and A.C. Seitz. 2013. Dispersal of Dolly Varden from the Wulik River, evaluated using satellite telemetry. Pollock Conservation Cooperative Research Center Annual Research Review, Anchorage, Alaska, January 2013.

Johnson, J.B., H. Toniolo, A.C. Seitz, J. Schmid and P. Duvoy. 2012. Defining interactions of in-stream hydrokinetic devices in the Tanana River, Alaska. American Geophysical Union Fall Meeting, San Francisco, California, December 2012.

Seitz, A.C., M.D. Evans, M.B. Courtney, B. Scanlon and M. Evenson. 2012. Dispersal of Dolly Varden from the Wulik River, evaluated using satellite telemetry. Coastal Marine Institute Annual Research Review, Fairbanks, Alaska, November 2013.

Siwicke, K.A., A.C. Seitz, T.M. Sutton, J. Murphy and P.A. Loring. 2012. Monitoring Anadromous Lampreys in Alaska: Existing and Novel Approaches. American Fisheries Society Alaska Chapter Annual Meeting. Kodiak, Alaska, October 2012.

Nielsen, J.K. and A.C. Seitz. 2012. Net squared displacement (NSD): a renaissance statistic for movement ecology. American Fisheries Society Alaska Chapter Annual Meeting. Kodiak, Alaska, October 2012.

Farrugia, T.J. and A.C. Seitz. 2012. Movement Patterns of Skates in the Gulf of Alaska and Implications for the Management of a Skate Fishery. American Fisheries Society Alaska Chapter Annual Meeting. Kodiak, Alaska, October 2012.

Meggers, S., A.C. Seitz and A. Prakash. 2012. Exploring factors affecting Chinook salmon spawning abundance in the Togiak River, Alaska. American Fisheries Society Alaska Chapter Annual Meeting. Kodiak, Alaska, October 2012.

Evans, M.D., A.C. Seitz and J.K. Kanwit. 2012. Shallow--water residency and limited dispersal of Atlantic halibut in the Gulf of Maine. American Fisheries Society Alaska Chapter Annual Meeting. Kodiak, Alaska, October 2012.

Evans, M.D., A.C. Seitz, K. Michalsen and J.L. Nielsen. 2012. Characteristics of Atlantic halibut in Norwegian fjords revealed by pop-up satellite archival transmitting (PSAT) tags. American Fisheries Society Alaska Chapter Annual Meeting. Kodiak, Alaska, October 2012.

Seitz, A.C., M.B. Courtney and B. Scanlon. 2012. Dispersal of Dolly Varden from the

Wulik River, evaluated using satellite telemetry. American Fisheries Society Alaska Chapter Annual Meeting. Kodiak, Alaska, October 2012.

Farrugia, T.J. and A.C.Seitz. 2012. Movement patterns and spatially explicit stock assessments for big (*Raja binoculata*) and longnose (*R. rhina*) skates in Prince William Sound, Alaska. University of Alaska Fairbanks Research Day, April 2012.

Evans, M.D., A.C. Seitz and J.K. Kanwit. 2012. Shallow water residency and limited dispersal of Atlantic halibut in the Gulf of Maine. University of Alaska Fairbanks Research Day, April 2012.

Megggers, S., A.C. Seitz and A. Prakash. 2012. Habitat use and genetic analysis of main stem and tributary spawning Chinook salmon in the Togiak River, Alaska. Alaska Cooperative Fish and Wildlife Research Unit Annual Research Review, Fairbanks, Alaska, March 2012.

Seitz, A.C., S. Danielson, H. Statscewich, and P. Winsor. 2012. Locating acoustic-tagged fishes and describing their environment using an autonomous underwater vehicle. Ocean Sciences Meeting, Salt Lake City, Utah, February 2012.

Moustahfid, H., C. Grimes, J. Kocik, B. Block, K. Holland, J. Payne, D. Fox, A. Seitz, and C. Alexander. 2012. Toward a national Animal Telemetry Observing Network (ATN) for our oceans, coasts and great lakes. Ocean Sciences Meeting, Salt Lake City, Utah, February 2012.

Seitz, A.C., S. Danielson, H. Statscewich, and P. Winsor. 2012. Locating acoustic-tagged fishes and describing their environment using an autonomous underwater vehicle. Alaska Marine Science Symposium. Anchorage, Alaska, January 2012.

Siwicke, K.A., T.M. Sutton, and A.C. Seitz. 2012. Utilization of attack marks as a proxy for lamprey distribution and abundance in the Bering Sea. Alaska Marine Science Symposium. Anchorage, Alaska, January 2012.

Farrugia, T.J. and A.C.Seitz. 2012. Movement patterns and spatially explicit stock assessments for big (*Raja binoculata*) and longnose (*R. rhina*) skates in Prince William Sound, Alaska. Alaska Marine Science Symposium. Anchorage, Alaska, January 2012.

Nielsen, J.K. and A.C. Seitz. 2012. Geolocation of demersal fishes in Alaska using geomagnetic archival tags. Alaska Marine Science Symposium. Anchorage, Alaska, January 2012.



Nielsen, J.K., S.J. Taggart, P.N. Hooge, and A.C. Seitz. 2011. Summer site fidelity and dispersal scales for Pacific halibut, *Hippoglossus stenolepis*, in an Alaskan fjord. 8<sup>th</sup> International Flatfish Symposium. IJmuiden, Netherlands, November 2011.

Loher, T. and A.C. Seitz. 2011. Reconciling contradictory tagging results to develop a coherent model of large-scale mixing and segregation in Pacific halibut: a lesson in biases. 8<sup>th</sup> International Flatfish Symposium. IJmuiden, Netherlands, November 2011.

Nielsen, J.K. and A.C. Seitz. 2011. Beyond light: geolocation of demersal fishes in Alaska using geomagnetic archival tags. American Fisheries Society Alaska Chapter Annual Meeting. Girdwood, Alaska, November 2011.

Farrugia, T.J. and A.C. Seitz. 2011. Movement patterns and spatially explicit stock assessments for big (*Raja binoculata*) and longnose (*R. rhina*) skates in Prince William Sound, Alaska. American Fisheries Society Alaska Chapter Annual Meeting. Girdwood, Alaska, November 2011.

Seitz, A.C., K. Straub, and T.M. Sutton. 2011. Educating and recruiting the next generation of fisheries professionals. American Fisheries Society Alaska Chapter Annual Meeting. Girdwood, Alaska, November 2011.

Bradley, P., M. Evans, A. Dupuis and A.C. Seitz. 2011. Characterizing the juvenile fish community in large glacial rivers in Alaska. American Fisheries Society Alaska Chapter Annual Meeting. Girdwood, Alaska, November 2011.

Siwicke, K.A., T.M. Sutton, and A.C. Seitz. 2011. Utilization of attack marks as a proxy for lamprey distribution and abundance in the Bering Sea. American Fisheries Society Alaska Chapter Annual Meeting. Girdwood, Alaska, November 2011.

Bradley, P., M. Evans, A. Dupuis and A.C. Seitz. 2011. Species Composition and Migration Patterns of Juvenile Fish in the Upper Yukon River at Eagle, Alaska. American Fisheries Society Annual Meeting. Seattle, WA, 6 September 2011.

Farrugia, T.J. and A.C. Seitz. 2011. Movement patterns and spatially explicit stock assessments for big (*Raja binoculata*) and longnose (*R. rhina*) skates in Prince William Sound, Alaska. American Fisheries Society Annual Meeting. Seattle, WA, 6 September 2011.

Nielsen, J.K., Taggart, S.J., Pyare, S., and Seitz, A.C. 2011. Fine-scale movement and habitat associations of Pacific halibut during summer in Glacier Bay National Park: implications for fisheries management techniques. American Fisheries Society Annual Meeting. Seattle, WA, 6 September 2011.

Seitz, A.C., K. Straub, T. Saunders, and T.M. Sutton. 2011. Educating and recruiting the next generation of fisheries professionals. American Fisheries Society Annual Meeting. Seattle, WA, 6 September 2011.

Farrugia, T.J. and A.C.Seitz. 2011. An interdisciplinary approach to determining the feasibility of a directed skate fishery in Alaska. University of Alaska Biology Graduate Student Association Research Symposium. 25 March 2011.

Nielsen, J.K., Taggart, S.J., Pyare, S., and Seitz, A.C. 2011. Pacific halibut movement and habitat associations in Glacier Bay National Park: implications for space-based fisheries management techniques. University of Alaska Biology Graduate Student Association Research Symposium. 25 March 2011.

Bradley, P., M. Evans, A. Dupuis and A.C. Seitz. 2011. Species Composition and Migration Patterns of Juvenile Fish in the Upper Yukon River at Eagle, Alaska. University of Alaska Biology Graduate Student Association Research Symposium. 25 March 2011.

Seitz, A.C. and S. StClair. 2011. Animal tracking activities in Alaska. IOOS animal telemetry observations workshop. University of California Santa Cruz. 2-3 March 2011.

Nielsen, J. K., S. J. Taggart, S. Pyare, and A.C. Seitz. 2011. Characterizing space use of Pacific halibut during summer in Glacier Bay, Alaska using acoustic telemetry. Alaska Marine Science Symposium. Anchorage, AK, January 2011.

Seitz, A.C., P. Winsor, S. Danielson, H. Statscewich, and J. Eiler. 2011. Locating acoustic-tagged fishes and describing their environment using an autonomous underwater vehicle. Alaska Marine Science Symposium. Anchorage, AK, January 2011.

Seitz, A.C., S. Danielson, H. Statscewich, and P. Winsor. 2010. Locating acoustic-tagged fishes and describing their environment using an autonomous underwater vehicle. Annual Alaska Chapter of the American Fisheries Society Meeting. Juneau, AK, November 2010.

Nielsen, J. K., S. J. Taggart, P.N. Hooge, E.R. Hooge, S. Pyare and A.C. Seitz. 2010. Characterizing space utilization of Pacific halibut during summer in Glacier Bay, Alaska: acoustic telemetry data, analysis methods, and implications for research design. Annual Alaska Chapter of the American Fisheries Society Meeting. Juneau, AK, November 2010.

Bradley, P., M. Evans, A. Dupuis and A.C. Seitz. 2010. Species Composition and Migration Patterns of Juvenile Fish in the Upper Yukon River at Eagle, Alaska. Annual

Alaska Chapter of the American Fisheries Society Meeting. Juneau, AK, November 2010.

Nielsen, J. K. and A.C. Seitz. 2010. Developing a multi-scale movement model for demersal fish species in Alaska. *Models in Population Dynamics and Ecology 2010: Animal Movement, Dispersal and Spatial Ecology*. University of Leicester, UK, September, 2010.

Johnson, J.B., P. Duvoy, K. Moerlein, A.E. Rosenberger, J.W. Schmid, A.C. Seitz, and H.A. Toniolo. 2010. Assessment of the Tanana River (Nenana, AK) for Hydrokinetic Turbine Operations. Alaska Rural Energy Conference, Fairbanks, AK, 29 April 2010.

Sutton, T. M. and A.C. Seitz. 2009. Distance learning in today's classroom: The Good, The Bad, and The Ugly. 139<sup>th</sup> Meeting of the American Fisheries Society, Nashville, TN, September 2009.

Seitz, A.C., J. Gregg, P. Hershberger, A. Kagley, B. Meloy, and J. Payne. 2009. A pilot study of mortality and tag loss in captive Puget Sound herring surgically implanted with acoustic tags. American Fisheries Society Washington-British Columbia Chapter Annual General Meeting. Shelton, WA, April 2009.

Seitz, A.C., T. Loher, J.L. Nielsen and B.L. Norcross. 2009. Behavior of satellite tagged Pacific halibut in the Bering Sea/Aleutian Islands region and its biological implications. Alaska Marine Science Symposium. Anchorage, AK, January 2009.

Seitz, A.C., and B.L. Norcross. 2008. Acoustic tagging herring: will it work, what life stages and other considerations. Invited speaker at Exxon Valdez Oil Spill Trustee Council herring marking workshop. Anchorage, AK, December 2008.

Loher, T.L. and A.C. Seitz. 2008. Long-term shift in spawn-timing of eastern Pacific halibut: potential contributions of ocean conditions fisheries selectivity and method-specific bias. 7th International Symposium on Flatfish Ecology, Sesimbra, Portugal, November 2008.

Seitz, A.C., T. Loher, J.L. Nielsen and B.L. Norcross. 2008. Behavior of satellite tagged Pacific halibut in the Bering Sea/Aleutian Islands region and its biological implications. The International Symposium on Advances in Tagging and Marking Technology for Fisheries Management and Research. Auckland, New Zealand, February 2008.

Loher, T.L. and A.C. Seitz. 2008. Competing paradigms of Pacific halibut population structure, derived from different tags: a lesson in biases. The International Symposium on Advances in Tagging and Marking Technology for Fisheries Management and Research. Auckland, New Zealand, February 2008.

Loher, T.L. and A.C. Seitz. 2008. Characterization of active spawning season and depth for Pacific halibut in the Gulf of Alaska, and evidence of probably skipped spawning. The International Symposium on Advances in Tagging and Marking Technology for Fisheries Management and Research. Auckland, New Zealand, February 2008.

Seitz, A.C., T. Loher, J.L. Nielsen and B.L. Norcross. 2008. Migration patterns of Pacific halibut in the Bering Sea. Alaska Marine Science Symposium. Anchorage, AK, January 2008.

Loher, T. and A.C. Seitz. 2007. Evidence of possible skipped spawning in Pacific halibut (*Hippoglossus stenolepis*) and its potential to impact effective spawning biomass. Northwest Atlantic Fisheries Organization (NAFO), the North Pacific Marine Science Organization (PICES), and the International Council for the Exploration of the Sea (ICES) joint symposium on "Reproductive and Recruitment Processes of Exploited Marine Fish Stocks." Lisbon, Portugal, October 2007.

Seitz, A.C., T. Loher, J.L. Nielsen and B.L. Norcross. 2007. Seasonal dispersal and behavior of Pacific halibut in the Bering Sea. Alaska Marine Science Symposium. Anchorage, AK, January 2007.

Seitz, A.C., T. Loher, B.L. Norcross and J.L. Nielsen. 2006. Conceptual model for the population structure of Pacific halibut (*Hippoglossus stenolepis*) using insights from satellite tagging. Annual Alaska Chapter of the American Fisheries Society Meeting. Fairbanks, AK, November 2006.

Seitz, A.C., T. Loher, B.L. Norcross, and J.L. Nielsen. 2005. Pop-up satellite tagging of Pacific halibut in the Bering Sea and Aleutian Islands. 6th International Symposium on Flatfish Ecology, Kyoto, Japan, October 2005.

Loher, T.L. and A.C. Seitz. 2005. Use of Pop-up Archival Transmitting (PAT) tags to examine seasonal spawning migrations in Pacific halibut in the Gulf of Alaska. 6th International Symposium on Flatfish Ecology, Kyoto, Japan, October 2005.

Seitz, A., T. Loher, B. L. Norcross and J. L. Nielsen. 2005. Pop-up satellite tagging of Pacific halibut near St. Paul Island. Pribilof Islands Collaborative, Anchorage AK, September 2005.

Seitz, A., D. Douglas, B. L. Norcross, and J. L. Nielsen. 2005. Hypothetical migration pathways of Pacific halibut in the Gulf of Alaska, based on daily maximum depth. American Fisheries Society 135th Annual Meeting, Anchorage AK, September 2005.

Michalsen, K., A.C. Seitz and J.L. Nielsen. 2005. The potential of using pop-up archival transmitting tags to study the migration and behaviour of Atlantic halibut (*Hippoglossus hippoglossus* L., 1758) in Norwegian waters. 6th Conference on Fish Telemetry held in Europe. Sesimbra, Portugal, June 2005.

Farwell, C, A. Boustany, C. Perle, T. Williams, H. Dewar, R. Schallert, A. Seitz and B. Block. 2004. Tracking of Pacific bluefin tuna with archival tags. 55th Annual Tuna Conference, Lake Arrowhead, CA, May 2004.

Seitz, A., B.L. Norcross, D. Wilson, and J. L. Nielsen. 2003. Identifying spawning behavior in Pacific halibut, *Hippoglossus stenolepis*, using electronic tags. Annual Alaska Chapter of the American Fisheries Society Meeting. Fairbanks, AK, November 2003.

Stokesbury, M.J., A. Seitz, S. Teo, R.K. O'Dor and B.A. Block. 2003. Western residency of satellite tagged Atlantic bluefin tuna (*Thunnus thynnus*) tagged off New England. American Fisheries Society Annual Conference. Quebec City, Quebec, Canada, August 2003.

Seitz, A., D. Wilson and J. L. Nielsen. 2003. Pop-up Satellite tagging of Pacific halibut in the Gulf of Alaska. Poster presentation at the 2003 Annual Symposium Marine Science for the Northeast Pacific: Science for Resource Dependent Communities, Anchorage, AK, January 2003.

Nielsen, J. L., G. K. Sage, D. Wilson and A. Seitz. 2002. Satellite pop-up tags and molecular genetics describe unique behavior for Pacific halibut in Alaska. Ecological and Evolutionary Ethology of Fishes 2002, Quebec City, Quebec, Canada.

Nielsen, J. L., K. Sage, B. Pierson, I. Williams, T. Wiacek, S. Talbot, D. Wilson, and A. Seitz. 2002. Development and application of microsatellites for Pacific halibut. American Fisheries Society Annual Conference, Baltimore, MD. August 2002.

Seitz, A., D. Wilson, S. Pelot, and J. L. Nielsen. 2001. Satellite pop-up tags as a tool for identifying critical habitat for Pacific halibut in Resurrection Bay, Alaska. Annual Alaska Chapter of the American Fisheries Society Meeting. Sitka, AK, November 2001.

Wilson, D., A. Seitz, J. L. Nielsen and S. Pelot. 2000. Satellite pop-up tags as a tool for identifying critical habitat for Pacific halibut in Resurrection Bay, Alaska. Annual Alaska Chapter of the American Fisheries Society Meeting. Fairbanks, AK, November 2000.

Arnold, G.P., B.A. Block, G. De Metrio, C. Farwell, J.M de la Serna, C. Yannopoulos, P. Megalofonou, S. Beemer, A. Seitz and J.L Cort. 2001. Movements of Mediterranean bluefin tuna from pop-up satellite tags. 52nd Annual Tuna Conference. Lake Arrowhead, CA. May 2001.

Beemer, S., B. Block, G.P. Arnold, G. De Metrio, C. Farwell, A. Seitz, J.M. de la Serna, P. Megalofonou, C. Yannopoulos and J.L Cort. 2001. Depth, temperature and migratory movements of bluefin tuna in the Mediterranean and eastern Atlantic. 52nd Annual Tuna Conference. Lake Arrowhead, CA. May 2001.

Blackwell, S. B., D.J. Marcinek, H. Dewar, C. Farwell, A. Seitz, A. Boustany and B. Block. 2000. Depth, thermal preference and body temperature of Pacific bluefin tuna from acoustic and pop-up satellite archival tags. Symposium on Tagging and Tracking Marine Fish with Electronic Devices. University of Hawaii, February 2000.

Block, B. A., H. Dewar, S.B. Blackwell, T. Williams, A.M. Boustany, E. Prince, C. Farwell and A. Seitz. 2000. Archival and pop-up satellite tags reveal new information about Atlantic bluefin tuna migrations, biology and oceanographic preferences. Symposium on Tagging and Tracking Marine Fish with Electronic Devices. University of Hawaii, February 2000.

Boustany, A. M., D.J. Marcinek, H. Dewar, J. Keen, A. Seitz, T. Kade and B.A. Block. 2000. Behavior and environmental preference of bluefin tuna off the coast of North Carolina inferred from acoustic, archival and pop-up satellite tags. Symposium on Tagging and Tracking Marine Fish with Electronic Devices. University of Hawaii, February 2000.

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## PROFESSIONAL SERVICE

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### UNIVERSITY COMMITTEES

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Promotion and Tenure Committee, *Department of Marine Biology, College of Fisheries and Ocean Sciences, standing committee, membership 2020–present*

Fisheries Joint Program Committee, *University of Alaska Fairbanks/University of Alaska Southeast, standing committee, membership 2017–present*

Promotion and Tenure Committee, *Department of Fisheries, College of Fisheries and Ocean Sciences, standing committee, membership 2015–present*

Small Boat Safety Committee, *Department of Fisheries, College of Fisheries and Ocean Sciences, University of Alaska Fairbanks, standing committee, membership 2012–present*

Faculty Search Committee for Master of Marine Policy Program, Chair, *Department of Fisheries, College of Fisheries and Ocean Sciences, University of Alaska Fairbanks, standing committee, membership 2023*

Academic Working Group, *College of Fisheries and Ocean Sciences, University of Alaska Fairbanks, standing committee, membership 2020-2023*

Dean's Advisory Council, *College of Fisheries and Ocean Sciences, University of Alaska Fairbanks, standing committee, membership 2020-2023*

UAF Research Planning Group, *University of Alaska Fairbanks, standing committee, membership 2020-2023*

Student Well-being Working Group, *College of Fisheries and Ocean Sciences, University of Alaska Fairbanks, ad-hoc committee, membership 2021-2022*

Promotion and Tenure Committee, *Department of Marine Biology, College of Fisheries and Ocean Sciences, standing committee, membership 2021*

Fisheries and Marine (formerly Ocean) Sciences Undergraduate Program Committee, *College of Fisheries and Ocean Sciences, University of Alaska Fairbanks, standing committee, membership 2016– 2020, Chair 2016– 2020*

Faculty search committee, *Alaska Cooperative Fish and Wildlife Research Unit, University of Alaska Fairbanks, ad hoc committee, 2020*

Academic Appeals Committee, *University of Alaska Fairbanks, ad hoc committee, 2020*

Fisheries and Marine Science B.S. degree program revision committee, *College of Fisheries and Ocean Sciences, ad hoc committee, membership 2020*

Alaska Maritime Workforce Development Plan Team, *University of Alaska system, ad hoc committee, membership 2017– 2020*

Faculty Senate Research Advisory Committee, *University of Alaska Fairbanks, standing committee, membership 2017–2020*

Fisheries and Ocean Sciences Curriculum Review Committee, *College of Fisheries and Ocean Sciences, standing committee, Chair 2019– 2020*

Statewide Research Council, *University of Alaska system, standing committee, membership 2017–2020*

Academic Structure Change Management Research Group, *University of Alaska system, ad hoc committee, membership 2019–2020*

Enrollment Management Task Force, *College of Fisheries and Ocean Sciences, ad hoc committee, membership spring 2019*

Strategic Enrollment Planning Task Forces (Finance Situation Analysis Team, Financial Aid Leveraging Team and Exchange Action Planning Team), *University of Alaska Fairbanks, ad-hoc committee, membership 2018–2019*

Accreditation Standard 5 Task Force, *University of Alaska Fairbanks, ad-hoc committee, membership 2018–2019*

Chancellor's Task Force on Class Size, *University of Alaska Fairbanks, ad-hoc committee, membership 2018–2019*

Alaska Sea Grant Director Hiring Committee, *University of Alaska Fairbanks, ad hoc committee, membership Spring 2018*

Fisheries Joint Program Transition Team, *University of Alaska Fairbanks/University of Alaska Southeast, standing committee, membership 2016–2017*

Faculty Governance Manager Hiring Committee, *University of Alaska Fairbanks, ad hoc committee, membership Spring 2017*

Special Program Review Committee, *University of Alaska Fairbanks, standing committee, membership Fall 2016*

Remote Travel Safety Committee, *University of Alaska Fairbanks, ad hoc committee, membership 2015–2016*

Curriculum Committee, *School of Fisheries and Ocean Sciences, standing committee, membership 2015–2016*

Academic Working Group, *School of Fisheries and Ocean Sciences, standing committee, membership 2015–2016*

Web Revitalization Committee, *School of Fisheries and Ocean Sciences, ad hoc committee, membership 2015–2016*

Undergraduate Research and Scholarly Activity Advisory Board *University of Alaska Fairbanks, standing committee, membership 2015–2019*

Undergraduate Research and Scholarly Activity Innovative Technology and Equipment Board, *University of Alaska Fairbanks, standing committee, membership 2015–2016*



Faculty Senate Advisory Committee, *University of Alaska Fairbanks, standing committee, membership 2015–2017*

Carlson Scholarship committee, *School of Fisheries and Ocean Sciences, University of Alaska Fairbanks, standing committee, membership 2014–2016*

Undergraduate Program Committee, *Fisheries Division, School of Fisheries and Ocean Sciences, University of Alaska Fairbanks, standing committee, membership 2012–2016, Chair 2015–2016*

Faculty Senate Core Curriculum Review Committee, *University of Alaska Fairbanks, standing committee, membership 2013–2017, Chair 2015–2017*

Teaching Assistant Selection Committee, *Fisheries Division, School of Fisheries and Ocean Sciences, Fisheries Division, standing committee, membership 2013–2016*

International Recruiting Working Group, *University of Alaska Fairbanks, ad hoc group, 2012*

Seminar Committee, *Fisheries Division, School of Fisheries and Ocean Sciences, University of Alaska Fairbanks, standing committee, membership 2011–2012*

Faculty Hiring Committee for Kodiak Seafood and Marine Science Center, *School of Fisheries and Ocean Sciences, University of Alaska Fairbanks, ad hoc committee, 2011–2012*

Proposal Coordinator Search Committee, *Fisheries Division, School of Fisheries and Ocean Sciences, University of Alaska Fairbanks, ad hoc committee, 2011*

President's Committee for Solutions for Decreasing Time to Graduation, *University of Alaska Fairbanks, ad hoc committee, 2011*

Outcomes Assessment Committee, *Fisheries Division, School of Fisheries and Ocean Sciences, University of Alaska Fairbanks, standing committee, membership 2010–2011*

Space Committee, *School of Fisheries and Ocean Sciences, University of Alaska Fairbanks, standing committee, membership 2009–2011*

National Survey of Student Engagement Committee, *University of Alaska Fairbanks, ad hoc committee, 2011*

Alaska Cooperative Fish and Wildlife Research Unit Leader Examination Committee, *University of Alaska Fairbanks, ad hoc committee 2011*

Post-doctoral Fellow Search Committee, *Fisheries Division, School of Fisheries and Ocean Sciences, University of Alaska Fairbanks, ad hoc committee, 2011*

Small Research Vessel Purchasing Working Group, *Fisheries Division, School of Fisheries and Ocean Sciences, University of Alaska Fairbanks, ad hoc group 2010–2011*

Curriculum Review Working Group, *Fisheries Division, School of Fisheries and Ocean Sciences, University of Alaska Fairbanks, ad hoc group 2010*

## **REGIONAL COMMITTEES**

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Bering Sea/Aleutian Islands Groundfish Plan Team, *North Pacific Fisheries Management Council, standing committee, membership 2020–present*

Abstract Selection Committee, *Alaska Marine Science Symposium, standing committee, membership 2013–2020*

Fisheries Technology Advisory Committee, *University of Alaska Southeast, standing committee, membership 2015–2018*

Alaska Animal Telemetry Network Steering Committee, *Alaska Ocean Observing System, standing committee, membership 2012–2016*

## **INTERNATIONAL and NATIONAL COMMITTEES**

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University of Alaska Fairbanks representative, *National Association of University Fish and Wildlife Programs, standing committee, membership 2020–present*

Expert Advisor to the T-CoRE monitoring program in the Bay of Fundy, Tidal Collision Risk Evaluation, *Government of Canada's Task Force on Sustainable Tidal Energy, 2024–*

Executive Committee and Western Division Representative, *Education Section of the American Fisheries Society, 2020–2023*

Argos Alliance, *national professional organization advocating for continued U.S. federal funding of the Argos satellite system, membership 2017–2019*

United States Interagency Ocean Observing Committee Task Team – Animal Telemetry Network, *standing committee, membership 2014–2018*

Animal Telemetry Network Steering Committee, *National Oceanic and Atmospheric Administration Integrated Ocean Observing System, standing committee, membership 2011–2014*

## EDITORIAL DUTIES

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Associate Editor, *Animal Biotelemetry*, 2019–

Associate Editor, *Advances in Fish Tagging and Marking Technology. American Fisheries Society, Symposium 76, Bethesda, MD.*

## SYMPOSIA ORGANIZATION

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Program Committee  
*Western Groundfish Conference*  
Juneau, AK, April 2023

Session co-chair (Flatfish Biology)  
*Alaska Chapter American Fisheries Society Annual Meeting*  
Homer, AK, November 2015

Session co-chair (Poster session)  
*Alaska Chapter American Fisheries Society Annual Meeting*  
Homer, AK, November 2015

Session co-chair (Fish Movement)  
*Alaska Chapter American Fisheries Society Annual Meeting*  
Fairbanks, AK, October 2013

Session Chair (Fisheries)  
*American Association for Advancement of Science Arctic Division Meeting*  
Kodiak, AK, September 2013

Session Chair (Understanding Fish Movement and Elasmobranchs in Alaska)  
*Alaska Chapter American Fisheries Society Annual Meeting*  
Kodiak, AK, October 2012

Program Committee and Session Co-chair (Spatial Dynamics and Analyses in Fisheries)  
*Alaska Chapter American Fisheries Society Annual Meeting*  
Girdwood, AK, November 2011

Session Chair (Salmonid Smolt Ecology)  
*Alaska Chapter American Fisheries Society Annual Meeting*  
Juneau, AK, November 2010

Steering Committee, Program Committee and Session Chair (Archival tagging)  
*Advances in Tagging and Marking Technology for Fisheries Management and Research*  
Hosted by American Fisheries Society, the Australian Society for Fish Biology and New Zealand Marine Sciences Society. Auckland, New Zealand, February 24-28, 2008.

## **REVIEWS REQUESTED**

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### *Peer-reviewed journal articles*

Animal Biotelemetry (x4)  
Animal Migration  
Aquatic Biology  
Biological Conservation  
Canadian Journal of Fisheries and Aquatic Sciences (x4)  
Deep Sea Research (x2)  
Deep Sea Research II  
Endangered Species Research  
Fishery Bulletin (x4)  
Fisheries Research (x5)  
Herpetological Review  
ICES Journal of Marine Science (x4)  
Journal of Experimental Marine Biology and Ecology (x2)  
Journal of Fish and Wildlife Management  
Journal of Fish Biology (x2)  
Journal of Sea Research  
Marine Biology (x2)  
Marine Biology Research  
Marine Ecology Progress Series (x10)  
Marine & Freshwater Research  
Movement Ecology  
North American Journal of Fisheries Management  
PLoS ONE  
Reviews in Fish Biology and Fisheries (x4)  
River Research and Applications  
Science Advances  
Transactions of the American Fisheries Society (x3)

### *Research proposals*

West Coast and Polar Regions Undersea Research Center  
Exxon Valdez Oil Spill Trustee Council  
Offshore Energy Environmental Research (OEER) Association (x2)  
Offshore Energy Research Association of Nova Scotia  
California Sea Grant South Coast MPA Baseline Program (x2)  
Maine Sea Grant  
Research Council of Norway, Environmental Research Program (2)

University of Alaska Fairbanks School of Fisheries and Ocean Sciences Marine  
Ecosystem Sustainability in the Arctic and Subarctic program Small Grant proposal  
reviewer (x4)  
Great Lakes Fishery Commission  
Natural Sciences and Engineering Research Council of Canada (x3)  
Marine Science and Technology Foundation  
Arctic-Yukon-Kuskokwim Sustainable Salmon Initiative  
National Science Foundation  
Hudson River Foundation  
National Marine Fisheries Service Marine Fisheries Initiative Program  
British Columbia Salmon Farmers Association Marine Environmental Research Program  
New York Sea Grant  
Mitacs Accelerate Research program  
North Pacific Research Board  
Testing and Expertise for Marine Energy (TEAMER)

*Technical papers*

Fisheries and Oceans Canada animal care protocol  
Pacific Northwest National Laboratory standardized test plan for environmental  
monitoring around marine energy devices  
Alaska Sea Grant Publications  
American Fisheries Society, Education Section  
North Pacific Marine Science Organization (PICES) (2x)  
United States Geological Survey  
Interior Issues Council Climate Change Task Force  
Blue Ocean Institute Seafood Guide  
North Pacific Anadromous Fish Commission  
Aurora Energy  
United States Geological Survey Fundamental Science Practice  
OES Environmental, Environmental Effects of Marine Renewable Energy: Collision risk  
Learning Through Cultural Connections: Salmon and Drones

*Student fellowship, research and travel proposals*

American Academy of Underwater Sciences Student Scholarship  
Coastal Marine Institute Student Funding Competition  
Mitacs-Accelerate Research Internship  
University of Alaska Fairbanks, Biomedical Learning and Student Training Program  
University of Alaska Fairbanks, School of Fisheries and Ocean Sciences, Carlson  
Scholarship  
University of Alaska Fairbanks Center Global Change Student Research Grant  
Competition

University of Alaska Fairbanks, School of Fisheries and Ocean Sciences, Marine Ecosystem Sustainability in the Arctic and Subarctic program, fellowship proposals (x2)

University of Alaska Fairbanks, School of Fisheries and Ocean Sciences, Marine Ecosystem Sustainability in the Arctic and Subarctic program, Small Grants Program

University of Alaska Fairbanks, School of Fisheries and Ocean Sciences, Northern Gulf of Alaska Applied Research Award

University of Alaska Fairbanks, School of Fisheries and Ocean Sciences, Sustainable Ecosystem-Based Management of Living Marine Resources program, fellowship proposals

University of Alaska Fairbanks Undergraduate Research and Scholarly Activity Program

#### *Miscellaneous*

WGBH Molly of Denali television script and videogame

Woods Hole Oceanographic Institution promotion and tenure application

University of Hawaii Manoa promotion and tenure application

#### **INVITED SCIENTIFIC LECTURES**

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Flanigan, A.J., J.K. Nielsen, T. Loher, A.C. Seitz. 2024. Pacific halibut in the northern Bering Sea. Strait Science Series. Nome, AK, May, 2024.

Smukall, M. J., A.C. Seitz, T. Guttridge, S. Kessel, S. Gruber. 2023. Thirty-five years of tiger shark *Galeocerdo cuvier* relative abundance near Bimini, Bahamas and the Southeastern United States with a comparison across jurisdictional bounds. Gulf and Caribbean Fisheries Institute Seminar, Nassau, The Bahamas. November 2023.

Henslee, L.H., R. Ivanoff, Z.W. Liller, P.A.H. Westley, and A.C. Seitz. 2023. Acoustic telemetry yields stock membership clues for coho salmon harvested in coastal fisheries. Southern Norton Sound Annual Commercial Fishery Meeting. Unalakleet, AK, October, 2023.

Melovidov, C.A., L.S. Zacher, A.C. Seitz. 2023. Testing the efficacy of satellite tags to examine movements of male snow crab (*Chionoecetes opilio*) in the Bering Sea. Norwegian Polar Institute - Arctic Ocean II Research Cruise. Norway, August, 2023.

Garcia, S., C.A. Tribuzio, A.C. Seitz, M.B. Courtney, J.K. Nielsen, J.M. Murphy, D.S. Oxman. 2023. Getting to know the salmon shark. Strait Science, Nome, AK (virtual), June 2023.

Garcia, S., A.C. Seitz, N. Yochum, J. Watson. 2023. Mapping Chinook salmon and pollock fleet overlap to inform bycatch avoidance measures. At-Sea Processors

Association Meeting. Seattle, WA, January 2023.

Melovidov, C., L. Zacher, A.C. Seitz. 2023. Testing the efficacy of satellite tags to examine movements of male snow crab (*Chionoecetes opilio*) in the Bering Sea. Invited presentation on the R/V Kronprins Haakon, August 2023.

Seitz, A.C., M.B. Courtney, S. Garcia. 2023. Satellite tagging of Chinook salmon. Invited presentation to Consular Office of Japan Arctic Symposium, January 2023.

Melovidov, C., L. Zacher, A.C. Seitz. mrPAT tags to determine horizontal movements and distributions of snow crab in the Eastern Bering Sea. Alaska Fisheries Science Center fish tagging friends, December 2022.

Seitz, A.C. 2022. Can clean energy and fish co-exist?. Guest lecturer, FISH 110 Fish and Fisheries in a Changing World, University of Alaska Fairbanks. October 2022.

Spencer, J., B. Scanlon, J. Savereide, R. Brown, P. Crane, A.C. Seitz. 2022. Dolly Varden life history and mixed-stock analysis. Red Dog Mine subsistence committee, March, 2022.

Spencer, J., B. Scanlon, J. Savereide, R. Brown, P. Crane, A.C. Seitz. 2022. Dolly Varden life history and mixed-stock analysis. Northwest Arctic Subsistence Regional Advisory Council meeting. Virtual meeting, February 2022.

Seitz, A.C. 2021. Helping develop collision risk models for fishes. Ocean Energy Systems-Environmental Collision Risk Workshop. March 2021.

Seitz, A.C. 2021. Salmonid satellite tagging. Alaska Fisheries Science Center fish tagging working group. May 2021.

Sparling, C.E., A.C. Seitz, E. Masden, and K. Smith. 2020. OES-Environmental State of the Science 2020: Collision Risk and Environmental Monitoring. US DOE/OES Public Webinar, June 2020. Available at: <https://tethys.pnnl.gov/events/oes-environmental-state-science-2020-collision-risk-environmental-monitoring>

Seitz, A.C. 2020. Fish interactions. U.S. Department of Energy Marine and Hydrokinetic Environmental Toolkit for Permitting and Licensing workshop. Anchorage, AK, February 2020.

Seitz, A.C. and M.B. Courtney. 2020. Life and death of big Chinook salmon in the ocean. NMFS Northwest Fisheries Science Center's Monster Jam Seminar Series, Seattle, WA, November 2019.

Seitz, A.C. Tracking Alaska's fish. UAF Fisheries and Ocean Sciences Seminar. April 2019.

Seitz, A.C., M.B. Courtney. 2019. State of the Science: understanding impacts of tidal and river turbines on fishes. Ocean Energy Systems Annex IV and Offshore Renewables Joint Industry Programme (ORJIP) Ocean Energy Workshop, Edinburgh, Scotland, February 2019.

Seitz, A.C. Tracking Alaska's fish. UAF Faculty Research Day. November 2019.

Seitz, A.C., M.B. Courtney. 2019. Examination of the movement, behavior and predation of Chinook salmon in the Bering Sea. At-Sea Processors Association, Seattle, WA, November 2018.

Seitz, A.C. 2018. Field techniques for capturing fishes. UAF IACUC Administrators Workshop. Fairbanks, AK, July 2018.

Seitz, A.C., and M.B. Courtney. 2018. Life and death of big Chinook salmon. Alaska SeaLife Center Research Colloquium. Seward, AK. May 2018.

Nielsen, J.K. and A.C. Seitz. 2018. Halibut homebodies of Glacier Bay National Park, Alaska. UAF College of Fisheries and Ocean Sciences seminar, Fairbanks, February 2018.

Smukall, M., and A.C. Seitz. 2018. Movement, habitat use and ecological role of tiger sharks in Bimini, Bahamas. UAF College of Fisheries and Ocean Sciences seminar, Fairbanks, February 2018.

Manishin, K.A. and A.C. Seitz. 2018. Under what scenarios could salmon shark predation impact Chinook salmon production? UAF College of Fisheries and Ocean Sciences seminar, Fairbanks, February 2018.

Seitz, A.C. 2017. A fish researcher's perspective on telemetry in Alaska. Alaska Ocean Observing System Animal Telemetry Network Workshop, Anchorage, AK, December, 2018

Nielsen, J.K., M. Adkison, F. Mueter, T. Loher, S. McDermott, and A.C. Seitz. Adapting a depth-based demersal fish geolocation model for application to heterogeneous terrain. Southeast Alaska GIS Users Group, September 2017.

Seitz, A.C. 2016. Fisheries of Alaska. Guest lecturer, NRM 101 Natural Resources Conservation and Policy, University of Alaska Fairbanks. November 2016.



Seitz, A.C., M.B. Courtney, M.D. Evans, J. Murphy. 2016. Life and death of big Chinook salmon in the Bering Sea. University of Alaska Fairbanks Fisheries Division Seminar Series, April 2016.

Courtney, M.B., A.C. Seitz, M.D. Evans, R.V. Walker, J. Murphy. 2016. Oceanic dispersal and habitat occupancy of Chinook salmon in the Bering Sea. American Fisheries Society University of Alaska Fairbanks student sub-section, March 2016.

Seitz, A.C., P. Westley, C. Cunningham, M.B. Courtney, K. Goldman. 2016. Do salmon sharks affect the productivity of Chinook salmon? University of Alaska Fairbanks Biomedical and One Health Seminar Series, February 2016.

Seitz, A.C. 2015. Pacific halibut. Guest lecturer in FT 120 Fisheries of Alaska, University of Alaska Southeast. November 2015.

Seitz, A.C. 2015. Fisheries of Alaska. Guest lecturer in NRM 101 Natural Resources Conservation and Policy, University of Alaska Fairbanks. November 2015.

Short, M., A. Mikheeva, J.K. Nielsen, A.C. Seitz. 2015. A Bayesian state space model for movement of halibut in the Gulf of Alaska. Department of Mathematics and Statistics Colloquium Lecture Series, University of Alaska Fairbanks, November 2015.

Seitz, A.C. 2015. Satellite tagging Alaska's salmonids. Hokkaido National Fisheries Research Institute, Sapporo, Japan, July 2015.

Seitz, A.C. 2015. Heave Away, Hove Away: on the High Seas for Salmon, with Sushi. Alaska Chapter American Fisheries Society Annual Meeting. Homer, AK, November 2015.

Nielsen, J.K. and A.C. Seitz. 2014. Developing a state-space model for reconstructing demersal fish migrations using archival tag data. International Pacific Halibut Commission, Seattle, WA.

Nielsen, J.K. and A.C. Seitz. 2014. Developing a state-space model for reconstructing demersal fish migrations using archival tag data. Pelagic Fisheries Research Program, Honolulu, HI.

Seitz, A.C., P.T. Bradley and M.D. Evans. 2013. Understanding the potential interactions between fishes and hydrokinetic devices. U.S. Army Corps of Engineers, Engineer Research and Development Center, Vicksburg, MS.

Kasper, J.L., J.B. Johnson and A.C. Seitz. AHERC's Tanana River Test Site. U.S. Army Corps of Engineers, Engineer Research and Development Center, Vicksburg, MS.

Courtney, M.B, B.Scanlon, M.D. Evans and A.C. Seitz. 2013. Dispersal of Dolly Varden from the Wulik River, evaluated using satellite telemetry. Invited seminar in University of Alaska Fairbanks Fisheries Division Seminar Series, April 2013.

Seitz, A.C., P. Bradley and M.D. Evans. 2013. Assessing interactions of in-river hydrokinetic turbines and fishes. Invited presentation for Alaska Hydrokinetics Energy Research Center Advisory Committee meeting. February 2013.

Seitz, A.C., P. Bradley and M.D. Evans. 2012. Assessing interactions of in-river hydrokinetic turbines and fishes. Invited presentation for Alaska Energy Authority Emerging Energy Technology Program Review. July 2012.

Nielsen, J.K. and A.C. Seitz. 2011. Multi-scale movement of demersal fishes in Alaska. Invited talk at the Institute of Marine Research, Bergen, Norway, November 2011.

Seitz, A.C., P.T. Bradley, and M.D. Evans. 2011. Assessing potential impacts of in-river hydrokinetics on juvenile fishes. Invited speaker at Alaska Hydrokinetics Technical Conference. Anchorage, Alaska, October 2011.

Bradley, P.T. and A.C. Seitz. 2011. Assessing potential impacts of in-river hydrokinetic devices on juvenile fishes. Invited talk at NOAA/AEA hydrokinetics stakeholder meeting. Anchorage, Alaska, 24 August 2011.

Seitz, A.C. 2011. Movement and distribution of Alaskan fishes. Invited lecture in University of Alaska Institute of Marine Science Seminar Series. 23 February 2011.

Seitz, A.C. 2010. Locating acoustic-tagged fishes and describing their environment using an autonomous underwater vehicle. Invited speaker at the Marine Ecosystem Sustainability in the Arctic and Subarctic Annual Retreat, August 2010.

Seitz, A.C. 2010. Assessing impacts of hydrokinetic units on fishes. Invited lecturer at Alaska Hydrokinetics Energy Research Center Strategic Plan Meeting, August 2010.

Seitz, A.C. 2009. Guest lecturer in Introduction to Fisheries (FISH 101), University of Alaska Fairbanks, October 2009.

Seitz, A.C. 2009. Guest lecturer in Fish Ecology (FISH 425), University of Alaska Fairbanks, October 2009.

Nielsen, J.L., A.C. Seitz, I. Williams and S. Graziano. 2006. Satellite pop-up tags and genetics describe Pacific halibut population structure in Alaska. Department of

Biological Sciences Seminar Series, Simon Fraser University, Burnaby, British Columbia, Canada. April 2006.

Seitz, A.C. 2006. Electronic tagging technology for marine animals. Guest lecturer in Fisheries Science (FISH 400) at School of Fisheries and Ocean Sciences, University of Alaska Fairbanks. October 2006.

Seitz, A.C. 2006. Pacific halibut migration. Guest lecturer in Fisheries Oceanography Seminar (MSL F692) at School of Fisheries and Ocean Sciences, University of Alaska Fairbanks. September 2006.

Seitz, A.C., T. Loher, B.L. Norcross and J.L. Nielsen. 2004. Satellite tagging of Pacific halibut (*Hippoglossus stenolepis*). Invited speaker at International Pacific Halibut Commission's Annual Sea Sampler Training Meeting (Special Projects Section). 27 May 2004.

Seitz, A.C. 2004. Electronic tagging technology for marine animals. 2004. Invited speaker for Alaska Department of Environmental Conservation Applied Oceanography class. 25 February 2004.

Seitz, A.C., B.L. Norcross, D. Wilson and J.L. Nielsen. 2004. Satellite tagging of Pacific halibut (*Hippoglossus stenolepis*) in the Gulf of Alaska. Invited speaker at University of Alaska Fairbanks Institute of Marine Sciences Seminar Series. 21 January 2004.

Seitz, A.C., B.L. Norcross, D. Wilson & J.L. Nielsen. 2004. Pop-up Archival Transmitting (PAT) tagging of Pacific halibut (*Hippoglossus stenolepis*). Invited speaker at Institute of Marine Resources, Bergen, Norway. 14 November 2003.

## **PUBLIC PRESENTATIONS AND OUTREACH**

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Garcia, S., C.A. Tribuzio, A.C. Seitz, M.B Courtney, J.K. Nielsen, J.M. Murphy, and D.S. Oxman. 2023. Getting to know the salmon shark. Wildlife Wednesdays at the Alaska Zoo, Anchorage, AK, March 2024.

Henslee, L.H., R. Ivanoff, Z.W. Liller, P.A.H. Westley, and A.C. Seitz. 2023. Acoustic telemetry yields stock membership clues for coho salmon harvested in coastal fisheries. Kawerak Lifelong Learners Meeting. Nome, AK, June, 2024.

Seitz, A.C., W. Snodgrass, D. Strohm, G. Staines. 2024. Understanding fish interactions with a turbine. Galena, Alaska Sustainable Energy Steering Committee, June 2024.

Melovidov, C.A., L.S. Zacher, A.C. Seitz. 2023. Testing the efficacy of satellite tags to examine movements of male snow crab (*Chionoecetes opilio*) in the Bering Sea. Central

Bering Sea Fishermen's Association Annual Meeting. St. Paul Island, AK, December, 2023.

Garcia, S., C.A. Tribuzio, A.C. Seitz, M.B Courtney, J.K. Nielsen, J.M. Murphy, and D.S. Oxman. 2023. Getting to know the salmon shark. Tuesday Night Talk, Prince William Sound Science Center, September, 2023.

Fish collision risk outreach in Igiugig Village Council/Ocean Renewable Power Company Igiugig Hydrokinetic Project Adaptive Management Team Meeting. Virtual meeting, April 2022.

Fish collision risk outreach in Igiugig Village Council/Ocean Renewable Power Company Igiugig Hydrokinetic Project Adaptive Management Team Meeting. Anchorage, AK November 2021.

Seitz, A.C. 2021. Can clean energy and fish co-exist? University of Alaska Fairbanks Discover Alaska Summer Lecture Series. June 2021.

Fish collision risk outreach in Igiugig Village Council/Ocean Renewable Power Company Igiugig Hydrokinetic Project Adaptive Management Team Meeting. Anchorage, AK November 2020.

Fisheries Career Panelist, UAF Student Sub-section of the Alaska Chapter American Fisheries Society, Fairbanks, AK, February 2020.

Seitz, A.C. 2019. The life and death of big Chinook Salmon in the ocean. Fishing for Information: Tales from Alaska's Researchers. Sitka, AK, March 2019.

Seitz, A.C. 2017. "Careers in Fisheries" panelist at University of Alaska Fairbanks student sub-unit of the American Fisheries Society monthly meeting.

Smukall, M., and A.C. Seitz. 2016 and 2017. Ongoing outreach to university classes, Sharklab volunteers, and television filmcrews.

Seitz, A.C. 2016. Life and death of big Chinook salmon in the Bering Sea. Dutch Harbor, AK, July 2016.

Invited Panel Speaker in "Empowering Your Student for Success" at UAF Parent and Family Orientation August 2016.

Courtney, M.B., A.C. Seitz, M.D. Evans, R.V. Walker, J. Murphy. 2015. High seas movement and behavior of Chinook salmon, elucidated with pop-up satellite tags. Dutch Harbor, AK, December 2015.

Nielsen, J.K. and Seitz, A.C. 2015. Residence and seasonal migration of Pacific halibut in Glacier Bay. Glacier Bay National Park Visitor Center, Bartlett Cove, AK, July 2015.

Courtney, M.B., A.C. Seitz, B. Scanlon, R. Brown. 2015. Char research on the North Slope, using satellite tags. Kaktovik, AK, July 2015.

Farrugia, T, J. and A.C. Seitz. 2014. Skate fisheries in Alaska as a growth opportunity. Public outreach presentation at the Alutiiq Museum, Kodiak, AK, September, 2014.

Brown, R., M.B. Courtney, B. Scanlon, A.C. Seitz. 2014. Dispersal patterns and summer ocean distribution of adult Dolly Varden in the Beaufort Sea using satellite telemetry. K-6 education outreach at Kaktovik Science Camp, Kaktovik, AK, July 2014.

Courtney, M.B., B. Scanlon, R. Brown, A.C. Seitz. 2014. Dispersal patterns and summer ocean distribution of adult Dolly Varden in the Beaufort Sea using satellite telemetry. Public outreach presentation, Kaktovik, AK, July 2014.

Scanlon, B., M.B. Courtney, A.C. Seitz and M.D. Evans. 2014. Studying the ocean habits of Dolly Varden. Invited public outreach presentation at Kaktovik, Alaska, April 2014.

Courtney, M.B., A.C. Seitz, M.D. Evans and B. Scanlon. 2014. Studying the ocean habits of Dolly Varden. Invited public outreach presentation at North Slope Borough Fish and Game Management Committee meeting, Barrow, Alaska, April 2014.

Scanlon, B., M.B. Courtney, R. Brown, A.C. Seitz. 2014. Dispersal patterns and summer ocean distribution of adult Dolly Varden in the Beaufort Sea using satellite telemetry. North Slope Regional Advisory Council meeting, Barrow, AK, March 2014.

Scanlon, B., M.B. Courtney, A.C. Seitz and M.D. Evans. 2014. Dispersal of Dolly Varden from the Wulik River, evaluated using satellite telemetry. Public outreach presentation in Noatak, Alaska, March 2014.

Scanlon, B., M.B. Courtney, A.C. Seitz and M.D. Evans. 2014. Studying the ocean habits of Dolly Varden. Invited public outreach presentation at North Slope Subsistence Regional Advisory Council meeting, Barrow, Alaska, February 2014.

Seitz, A.C. 2014. Where do Alaska's fish migrate? University of Alaska Fairbanks Research Showcase, February 2014.

Nielsen, J.K. and A.C. Seitz. 2013. Halibut detectives: using clues from electronic tags to track Pacific halibut in Glacier Bay National Park. Public outreach presentation in Glacier Bay Lodge, August 2013.

Courtney, M.B., B. Scanlon and A.C. Seitz. 2013. Dispersal of Dolly Varden from the Wulik River, evaluated using satellite telemetry. Community outreach presentation Red Dog mine, Alaska, June 2013.

Scanlon, B., M.B. Courtney and A.C. Seitz. 2013. Dispersal of Dolly Varden from the Wulik River, evaluated using satellite telemetry. Community outreach presentation in Kivilina, Alaska, June 2013.

Scanlon, B. and A.C. Seitz. 2013. Dispersal of Dolly Varden from the Wulik River, evaluated using satellite telemetry. Presentation at Kotzebue High School, February 2013.

Scanlon, B. and A.C. Seitz. 2013. Dispersal of Dolly Varden from the Wulik River, evaluated using satellite telemetry. Presentation at joint Lower Kobuk and Kotzebue Fish and Game Advisory Committee meeting, February 2013.

Scanlon, B. and A.C. Seitz. 2013. Dispersal of Dolly Varden from the Wulik River, evaluated using satellite telemetry. Presentation at Noatak/Kivalina Fish and Game Advisory Committee meeting, February 2013.

Scanlon, B. and A.C. Seitz. 2012. Dispersal of Dolly Varden from the Wulik River, evaluated using satellite telemetry. Presentation at Northern Norton Sound Fish and Game Advisory Committee meeting, October 2012.

Scanlon, B. and A.C. Seitz. 2012. Dispersal of Dolly Varden from the Wulik River, evaluated using satellite telemetry. Community outreach presentation in Noatak, Alaska, September 2012.

Scanlon, B. and A.C. Seitz. 2012. Dispersal of Dolly Varden from the Wulik River, evaluated using satellite telemetry. Community outreach presentation at Red Dog mine, Alaska, June 2012.

Scanlon, B. and A.C. Seitz. 2012. Dispersal of Dolly Varden from the Wulik River, evaluated using satellite telemetry. Community outreach presentation in Kivalina, Alaska, June 2012.

Scanlon, B. and A.C. Seitz. 2012. Dispersal of Dolly Varden from the Wulik River, evaluated using satellite telemetry. Presentation at Northwest Arctic Subsistence Regional Advisory Council meeting, March 2012.

Seitz, A.C. 2012. Assessing potential interactions of in-river hydrokinetic turbines and fishes. Alaska Center for Energy and Power Community Lecture Series, Fairbanks, AK, 20 March 2012.

Seitz, A.C. 2011. Big Brother is watching you: technologies for tracking Pacific salmon. Invited lecture at 4-H Natural Resource and Youth Development Program, Teacher In-Service, September 28 – October 2, 2011, Fairbanks, Alaska.

Seitz, A.C. 2010. Alaska's resident freshwater fishes. Invited speaker at Alaska Miners Association Annual Convention and Trade Show. Anchorage, AK, November 2010.

Johnson, J.B., P. Duvoy, K. Moerlein, A.E. Rosenberger, J.W. Schmid, A.C. Seitz, and H.A. Toniolo. 2010. Assessment of the Tanana River (Nenana, AK) for Hydrokinetic Turbine Operations. Alaska Center for Energy and Power Community Lecture Series, Fairbanks, AK, 16 February 2010.

Johnson, J.B., P. Duvoy, K. Moerlein, A.E. Rosenberger, J.W. Schmid, A.C. Seitz, and H.A. Toniolo. 2010. Assessment of the Tanana River (Nenana, AK) for Hydrokinetic Turbine Operations. Community outreach presentation to Nenana Village Tribal Council, Nenana, AK, 11 June 2010.

Winsor P., S. Danielson, H. Statscewich and A.C. Seitz. 2010. Locating acoustic-tagged fishes and describing their environment using an autonomous underwater vehicle. "Evening at Egan" lecture at the University of Alaska Southeast. Juneau, AK, May 2010.

Seitz, A.C. 2008. Yukon salmon life history. Invited lecture at the 1<sup>st</sup> Annual Trans-Boundary Tribal Symposium on the status of Yukon River salmon. Fairbanks, AK, December 2008.

Seitz, A.C. 2008. Pop-up satellite tagging of Pacific halibut in the Bering Sea and Aleutian Islands. Community outreach presentation on Atka Island, Alaska. June 2008.

Seitz, A.C. 2006. Pacific halibut. Invited speaker at Ann Wein Elementary School, Fairbanks, AK. April 2006.

Seitz, A.C. 2006. Pacific halibut biology and life cycle. Invited speaker at Alaska Marine Conservation Council/Old Harbor Village Marine Ecology Education Partnership (Scientists-in-the-school section). April 2006.

Seitz, A.C., T. Loher, B.L. Norcross and J.L. Nielsen. 2004. Satellite tagging of Pacific halibut (*Hippoglossus stenolepis*). Invited speaker at Forum of Alaska Marine Issues, Dutch Harbor/Unalaska Community Seminar Series. 14 July 2004.

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## MEMBERSHIPS

American Fisheries Society (Alaska Chapter, Marine Fisheries Section, Education Section)

Alaska Energy Authority Hydrokinetic Working Group

International Bio-logging Society  
Cook Inlet Tidal Power Working Group

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## PROFESSIONAL RECOGNITION

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### PROFESSIONAL AWARDS

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Frank and Marjorie Meek Endowed Chair in Fisheries and Ocean Sciences. 2021.  
College of Fisheries and Ocean Sciences, University of Alaska Fairbanks.

Chancellor's Recognition for Excellence in Instruction and Outreach. 2019. University  
of Alaska Fairbanks

Dean's Award for Outstanding Advisor. 2018. University of Alaska Fairbanks, College  
of Fisheries and Ocean Sciences

University of Alaska Fairbanks Student-Athlete Certificate of Appreciation, 2009

Federazione Italiana Pesca Sportiva ed Attività Subacquee (Italian Sportfishing  
Federation) Conservation Award, 2009

Porto Barricata Certificate of Professional Appreciation, 2009

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### POPULAR PRESS

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Flanigan, A.J. and A.C. Seitz. 2024. New Research Tracks Pacific Halibut in the Northern  
Bering Sea. Nome Nugget, 9 May 2024.

Garcia, S. and A.C. Seitz. 2023. Amid Western Alaska salmon crisis, data-driven  
strategies could reduce chinook bycatch. Alaska Public Media, 10 October 2023.

Westley, P.A.H., A. Berdahl and A.C. Seitz. 2023. Finned adventurers nosing into the  
Arctic. University of Alaska Fairbanks Geophysical Institute news and information,  
rebroadcast in several print and audio media outlets.

Seitz, A.C. and P.A.H. Westley. 2021. Study probes why Chinook salmon are trending  
younger and smaller. Audio media originally broadcast by KUAC, and re-broadcast  
statewide.



Seitz, A.C. and P.A.H Westley. 2021. Research shows predators may be large factor in decreased king salmon size. Print and audio media originally broadcast by KYUK, and re-broadcast nationally.

Seitz, A.C., M.B. Courtney. 2019. Predation on late-stage ocean Chinook salmon. Broadcast nationally in several print and audio media outlets.

Seitz, A.C., M.B. Courtney. 2019. "Alaska's Lost River Kings." Featured in Jeremy Wade's Dark Waters television series broadcast on Animal Planet.

Manishin, K.A., A.C.Seitz. 2019. Kings swim in a dangerous ocean. Audio article originally broadcast on KYUK, and re-broadcast nationally.

Carothers, C., A.C. Seitz, and T.M. Sutton. 2018. How is climate change affecting subsistence (or traditional) fisheries in the high Arctic? Science briefs from the Study of Environmental Arctic Change (SEARCH). Available at:  
<https://www.searcharcticsscience.org/arctic-answers>

"The Last Kings of the Wild." 2018. Outdoor Life. Available at:  
<https://www.outdoorlife.com/why-king-salmon-keep-disappearing>

Seitz, A.C. 2016. What happened to all the Chinook salmon? New research points to potential predators. Digital print article on KUCB Dutch Harbor website, and re-published in national and international online news outlets.

Seitz, A.C. 2016. Salmon sharks contribute to Chinook decline. Digital and paper print article in The Bristol Bay Times & The Dutch Harbor Fisherman, and re-published in national and international online news outlets.

Farrugia, T.J. and A.C. Seitz. 2016. Skate studies test possibility of Gulf of Alaska target fishery. Audio article in Alaska Fish Radio and digital print article in Alaska Dispatch News.

Seitz, A.C. 2015. Chinook researchers encounter unlikely predator in Bering Sea. Digital print and audio story featured on KNOM Nome, AK and re-broadcast on Alaska Public Radio Network.

Seitz, A.C. 2015. Could salmon sharks be factor in declining Bering Sea king salmon numbers? Digital and paper print article in Alaska Dispatch News, and re-published in national and international online news outlets.

Nielsen, J.K. and A.C. Seitz. 2015. Tracking halibut. Digital print and audio story featured on Alaska Public Media and re-broadcast throughout Alaska.

Seitz, A.C. 2012. Assessing potential interactions of in-river hydrokinetic turbines and fishes. Study featured in local newspaper (Fairbanks Daily News-Miner).

Seitz, A.C. 2011. Integrating animal observations into the United States Integrated Ocean Observing System. Interview featured in Monterey County Herald, KGO-TV San Francisco, CA (ABC) and KION Monterey, CA (CBS).

Seitz, A.C. 2010. Assessing impacts of a hydrokinetic turbine on migrating fishes. Study featured in hydrokinetics and electrical utilities industry newsletters, international radio (CBC Whitehorse), newspapers (Fairbanks Daily News-Miner) and UAF Feature News.

Seitz, A.C. and P. Winsor. 2010. "Tracking fish using an autonomous underwater vehicle." Study featured in television (KXD TV), radio (KUAC and APRN), over 20 Alaskan newspapers and UAF Feature News.

Seitz, A.C. 2010. "Pop-up satellite tagging of Pacific halibut." Feature article in *Oncorhynchus*, the Newsletter of the Alaska Chapter American Fisheries Society, vol. 30, no. 1.

Seitz, A.C. featured in "1° Tuna Tournament Tag" in *Pesca in Mare* magazine November 2009

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## **PARTICIPATION IN FIELD RESEARCH**

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Situk River, AK  
*May 2018 (5 days)*

FV Solstice, Gulf of Alaska  
*May 2018 (7 days)*

Unalakleet River, AK  
*June 2017 (4 days)*

Kongakut River, AK  
*August 2015 (9 days)*

RV Hokku Maru  
*July to August 2015 (27 days)*

Beaufort Sea, AK  
*July 2015 (5 days)*

RV Hokku Maru  
*July to August 2014 (28 days)*

Beaufort Sea, AK  
*July 2014 (8 days)*

RV Ishkeen, Glacier Bay National Park, Alaska  
*June 2014 (4 days)*

Ivishak River, AK  
*June 2014 (8 days)*

RV Ishkeen, Glacier Bay National Park, Alaska  
*June to July 2013 (9 days)*

Wulik River, AK  
*June 2013 (8 days)*

Tanana River, Nenana, AK  
*May to September 2012 (6 days)*

Wulik River, AK

*June 2012 (4 days)*

Togiak River, AK

*August 2011 (7 days)*

Tanana River, Nenana, AK

*May to September 2011 (20 days)*

FV Kahuna III, Porto BARRICATA, Italy

*September 2010 (6 days)*

Yukon River, Eagle, AK

*May to September 2010 (6 days)*

FV Kahuna III, San Lorenzo, Livorno, and Porto BARRICATA, Italy

*September 2009 (18 days)*

FV Cyngali, Carry Le Rouet, France

*August 2007 (18 days)*

MV Shogun, Baja California Norte, Mexico

*July 2007 (9 days)*

FV Heritage, St. Matthew Island, AK

*May and June 2006 (16 days)*

FV Bluewater, Clifden, Ireland

*November 2004 (14 days)*

FV Heritage and FV Pacific Sun, Attu and Atka Islands, AK

*July and August 2004 (23 days)*

FV Fanagutt, Sognefjord, Norway

*November 2003 (4 days)*

MV Shogun, Baja California Norte, Mexico

*August 2003 (14 days)*

FV Wind Dancer, St. Paul Island, AK

*August 2002 (3 days)*

FV Calcutta, FV Raptor, Morehead City, NC

*January 2002 (21 days)*

FV Leslie Anne, Nantucket, MA  
*October and November 2001 (32 days)*

MV Shogun, Baja California Sur, Mexico  
*September 2001 (10 days)*

FV L'Alsaco, Bonifacio, Corsica, France  
*September 2001 (16 days)*

MV Shogun, Baja California Norte, Mexico  
*July 2001 (12 days)*

FV Rocinante, Seward, AK  
*July 2001 (1 day)*

FV Rocinante, Seward, AK  
*March 2001 (7 days)*

FV Calcutta, FV Raptor Morehead City, NC  
*December and January 2000–2001 (38 days)*

FV Rocinante, Seward, AK  
*November 2000 (2 days)*

FV Tightline, Nantucket, MA  
*September and October 2000 (20 days)*

FV L'Alsaco, Bonifacio, Corsica, France  
*September 2000 (20 days)*

MV Shogun, Baja California Norte, Mexico  
*August 2000 (11 days)*

FV Last Deal, Gulf of Mexico  
*April and May 2000 (23 days)*

FV Calcutta, Morehead City, NC  
*December and January 1999–2000 (25 days)*

RV John H. Martin, Monterey Bay, CA  
*September 1999 (11 days)*

MV Shogun, Baja California Norte, Mexico  
*July 1999 (14 days)*

FV Alison, Gulf of Mexico  
*May 1999 (14 days)*

FV Calcutta, Morehead City, NC  
*January and February 1999 (53 days)*

FVs North Queen, Sea Rover and AA Ferrante, Cape Cod, MA  
*September 1998 (12 days)*

MV Shogun, Baja California Norte, Mexico  
*July 1998 (17 days)*

Rio Las Marias, Guanare, Venezuela  
*January to June 1998*

RV Endeavor, Georges Bank  
*October 1997 (11 days)*

San Juan River in NM, CO and UT  
*August 1997 (10 days)*

RV Roger Revelle, San Diego, CA to Monterey, CA  
*July 1997 (8 days)*

RV Miller Freeman, Baja California Sur, Mexico to Crescent City, CA  
*July 1995 (24 days)*