



THE STATE
of **ALASKA**
GOVERNOR MIKE DUNLEAVY

Department of Fish and Game

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March 14, 2023

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

Dear Chairman Kinneen,

I would like to nominate Mr. Tyler Jackson for appointment to the Council's Bering Sea and Aleutian Islands Crab Plan Team (CPT). Mr. Jackson is a Biometrician within the Commercial Fisheries Division and an author for the Pribilof Islands golden king crab and Aleutian Islands golden king crab stock assessments. Mr. Jackson is also the current chair of the Scallop Plan Team and has both attended and presented to the CPT. His background in shellfish population dynamics, ecology, and genetics will be a great asset to the CPT.

Thank you for considering his appointment at the upcoming April 2023 Council meeting; attached is his CV for your review.

Sincerely,

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

Doug Vincent-Lang
Commissioner

Cc: David Witherell, Executive Director, North Pacific Fishery Management Council
Diana Evans, Deputy Director, North Pacific Fishery Management Council

Attachment: Jackson CV

Curriculum Vitae of Tyler Jackson

Contact Information

Alaska Department of Fish and Game
351 Research Ct
Kodiak, AK 99615
Office: (907) 486 – 1833
Email: tyler.jackson@alaska.gov

Education

- 2019 - 2021 **University of Alaska**, Fairbanks
Non-degree seeking
Courses: Quantitative Fish Population Dynamics, Data Analysis in Community Ecology, Modern Applied Statistics for Fisheries Science, Statistical Theory.
- MS (2016) **Oregon State University**, Hatfield Marine Science Center
Fisheries Science (Major)
- BS (2014) **Lake Superior State University**
Fisheries and Wildlife Management, Fisheries Concentration (Major)
Freshwater and Marine Sciences (Minor)

Professional Positions

- 4/21 – Pres. **Biometrician II**, Commercial Fisheries Division, Alaska Department of Fish and Game, Kodiak, Alaska
- 12/19 – 4/21 **Biometrician I**, Commercial Fisheries Division, Alaska Department of Fish and Game, Kodiak, Alaska
- 4/17 – 12/19 **Fishery Biologist II**, Commercial Fisheries Division, Alaska Department of Fish and Game, Kodiak, Alaska
- 2/17 – 3/17 **Hatchery Technician**, Auburn University Shellfish Lab, Auburn University Marine Extension and Research Center, Dauphin Island, Alabama
- 8/14 – 10/16 **Graduate Research Assistant**, Coastal Oregon Marine Experiment Station, Oregon State University, Newport, Oregon

Professional Appointments

- 2/21 – Pres. **Co-chair**, NPFMC Scallop Plan Team

Peer Reviewed Publications

Rasmuson L, **Jackson TM**, Edwards CA, Shanks A, O'Malley KG (2022) A decade of modeled dispersal of Dungeness crab (*Cancer magister*) larvae in the California Current validated with genetic and time-series data. Marine Ecology Progress Series 686:

127-140.

- Fedewa, EJ, **Jackson TM**, Richar JI, Gardner JL, Litzow MA (2020) Recent shifts in northern Bering Sea snow crab (*Chionoecetes opilio*) size structure and the potential role of climate-mediated range contraction. *Deep Sea Research II* 181 -182: 104878.
- Jackson TM**, Roegner GC, O'Malley KG (2018) Evidence for inter-annual variation in genetic structure of Dungeness crab (*Cancer magister*) along the California Current System. *Molecular Ecology*, 27, 352-368.
- O'Malley KG, Corbett K, Beacham TD, Jacobson DP, **Jackson TM**, Roegner GC (2017) Genetic connectivity of the Dungeness crab (*Cancer magister*) across oceanographic regimes. *Journal of Shellfish Research*, 36(2), 1-12.
- Jackson TM** and O'Malley KG (2017) Comparing genetic connectivity among Dungeness crab (*Cancer magister*) inhabiting Puget Sound and coastal Washington. *Marine Biology*, 164, 123.
- Watanabe M, Meyer KA, **Jackson TM**, Schock TB, Edward Johnson W, Bearden DW (2015) Application of NMR-based metabolomics for environmental assessment in the Great Lakes using zebra mussel (*Dreissena polymorpha*). *Metabolomics*, 11(5) 1302-13.

Selected Presentations and Symposium Contributions

Invited talks

- Jackson TM**, KG O'Malley, GC Roegner, DP Jacobson. A coast-wide evaluation of genetic connectivity in Dungeness crab (*Cancer magister*). HMSC Seminar Series. 31 Jul, 2015. Newport, OR.

Symposia Contributions

- Jackson TM**, KG O'Malley, GC Roegner, DP Jacobson. A coast-wide evaluation of genetic connectivity in Dungeness crab (*Cancer magister*). Challenges, Opportunities, and Innovations in Crustacean Fisheries, American Fisheries Society 145th Annual Meeting. 16-20 Aug, 2015. Portland, OR.

Professional Service

Referee – *Molecular Ecology* (2017-2020), *Marine Ecology Progress Series* (2017-2020)