



THE STATE
of **ALASKA**
GOVERNOR MIKE DUNLEAVY

Department of Fish and Game

B1 Jackson Scallop PT Nomination
December 2020

OFFICE OF THE COMMISSIONER
Headquarters Office

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November 16, 2020

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 Scallop Plan Team to replace Ben Williams who no longer works for the State. Mr. Jackson is a Biometrician in the Division of Commercial Fisheries and is responsible for the statewide scallop stock assessment. Additionally, he has attended Crab and Scallop Plan Team meetings and has presented to the Scallop Plan Team. Mr. Jackson is familiar with the Council process and understands the role and responsibilities of a plan team member. With his background in shellfish population dynamics and genetics, expertise with the statewide scallop assessment, and understanding of the plan team process, he will be a valuable addition to the Scallop Plan Team.

Thank you for considering his appointment at the upcoming December 2020 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

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 - 2020 **University of Alaska**, Fairbanks
Non-degree seeking
Courses: 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

- 12/19 – Pres. **Biometrician I/II**, 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

Peer Reviewed Publications

- Rasmuson L, **Jackson TM**, Shanks A, O'Malley KG (in prep) Connectivity of Dungeness crab (*Cancer magister*) in the California Current System: A combined biophysical modelling and population genetic approach.
- Fedewa, EJ, **Jackson TM**, Richar JI, Gardner JL, Litzow MA (in review) 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: 'Ice-free northern Bering Sea'.
- 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*, *Marine Ecology Progress Series*