

Education

University of Washington

PHD IN AQUATIC & FISHERY SCIENCES

Seattle, Washington, USA

2019 - Present

University of Washington

MSC IN AQUATIC & FISHERY SCIENCES

Seattle, Washington, USA

2014 - 2017

University of Miami

BSC IN MARINE SCIENCE AND BIOLOGY

Coral Gables, Florida, USA

2010 - 2014

Lester B. Pearson United World College of the Pacific

INTERNATIONAL BACCALAUREATE

Victoria, British Columbia, Canada

2009 - 2010

Employment

School of Aquatic & Fishery Sciences, University of Washington

GRADUATE RESEARCH ASSISTANT

2014 - 2017; 2019 - present

- Mentored and collaborated with fisheries scientists from China.
- Assisted with Stock Synthesis workshops (2020, 2023).
- Co-organised SAFS Quantitative Seminar (Spring 2023)

Sustainable Fisheries Group, University of California, Santa Barbara

RESEARCH SCIENTIST

2017 - 2019

- Conducted assessments and management strategy evaluations for fisheries in China, Barbuda, and California.

National Parks Service

INVASIVE SPECIES TECHNICIAN

2013

- Designed and conducted SCUBA surveys of invasive lionfish in the Dry Tortugas and the Everglades National Parks.

Publications

JOURNAL ARTICLES

1. Kapur, M. S., Siple, M. C., Olmos, M., Privitera-Johnson, K. M., Adams, G., Best, J., Castillo-Jordán, C., Cronin-Fine, L., Havron, A. M., Lee, Q., Methot, R. D., & Punt, A. E. (2021). Equilibrium reference point calculations for the next generation of spatial assessments. *Fisheries Research*, 244, 106132. <https://doi.org/10.1016/j.fishres.2021.106132>
2. Lee, Q., Lee, A., Liu, Z., & Szuwalski, C. S. (2020). Life history changes and fisheries assessment performance: A case study for small yellow croaker. *ICES Journal of Marine Science*, 77(2), 645–654. <https://doi.org/10.1093/icesjms/fsz232>
3. Haltuch, M. A., Tolimieri, N., Lee, Q., & Jacox, M. G. (2020). Oceanographic drivers of petrale sole recruitment in the California Current Ecosystem. *Fisheries Oceanography*, 29(2), 122–136. <https://doi.org/10.1111/fog.12459>
4. Anderson, C. M., Krigbaum, M. J., Arostegui, M. C., Feddern, M. L., Koehn, J. Z., Kuriyama, P. T., Morrisett, C., Akselrud, C. I. A., Davis, M. J., Fiamengo, C., Fuller, A., Lee, Q., McElroy, K. N., Pons, M., & Sanders, J. (2019). How commercial fishing effort is managed. *Fish and Fisheries*, 20(2), 268–285. <https://doi.org/10.1111/faf.12339>
5. Lee, Q., & Punt, A. E. (2018). Extracting a time-varying climate-driven growth index from otoliths for use in stock assessment models. *Fisheries Research*, 200, 93–103. <https://doi.org/10.1016/j.fishres.2017.12.014>
6. Tolimieri, N., Haltuch, M. A., Lee, Q., Jacox, M. G., & Bograd, S. J. (2018). Oceanographic drivers of sablefish recruitment in the California Current. *Fisheries Oceanography*, 27(5), 458–474. <https://doi.org/10.1111/fog.12266>
7. Lee, Q., Thorson, J. T., Gertseva, V. V., & Punt, A. E. (2018). The benefits and risks of incorporating climate-driven growth variation into stock assessment models, with application to Splitnose Rockfish (*Sebastes diploproa*). *ICES Journal of Marine Science*, 75(1), 245–256. <https://doi.org/10.1093/icesjms/fsx147>
8. Stawitz, C. C., Siple, M. C., Munsch, S. H., Lee, Q., & Derby, S. R. (2017). Financial and Ecological Implications of Global Seafood Mislabeling. *Conservation Letters*, 10(6), 681–689. <https://doi.org/10.1111/conl.12328>

9. Siple, M. C., Stawitz, C. C., Munsch, S. H., & Lee, Q. (2017). Mislabeling Obscures the Sale of Threatened and Sustainable Fishes. *Conservation Letters*, 10(6), 788–789. <https://doi.org/10.1111/conl.12384>
10. Lee, Q., Yaakub, S. M., Ng, N. K., Erftemeije, P. L. A., & Todd, P. A. (2012). *The crab fauna of three seagrass meadows in Singapore: A pilot study*.

IN PREP.

1. Free, C. M., Bellquist, L. F., Forney, K. A., Humberstone, J., Lee, Q., Liu, O. R., Samhouri, J. F., Wilson, J. R., & Bradley, D. (n.d.). Static management presents a simple solution to a dynamic fishery and conservation challenge. *Biological Conservation*, *In review*.

TECHNICAL PAPERS

1. Kapur, M. S., Lee, Q., Correa, G. M., Haltuch, M. A., Gertseva, V. V., & Hamel, O. S. (2021). *Status of Sablefish (Anoplopoma fimbria) along the US West coast in 2021* (p. 136).
2. Johnson, K. F., Rudd, M. B., Pons, M., Allen, C., Lee, Q., Hurtado-Ferro, F., Haltuch, M. A., & Hamel, O. S. (2015). *Status of the US sablefish resource in 2015*.

Synergistic Activities

Scientific Committee, South Pacific Regional Fisheries Management Organisation

FISHERIES STOCK ASSESSMENT CONSULTANT

2016 - present

- Provide technical guidance and assistance in developing the Chilean jack mackerel (*Trachurus murphyi*) stock assessment

Fisheries Interdisciplinary Network of Students

GRADUATE STUDENT SYMPOSIUM ORGANISER; CURRICULUM COMMITTEE; PEER MENTOR IN PEER MENTOR PROGRAMME

2014-2016; 2020-2023

- Organised symposiums and provided a graduate student perspective on the SAFS Curriculum Committee

Stock Assessment Workshop, Yellow Sea Fisheries Research Institute, Ocean University of China, and University of Washington

INSTRUCTOR

November 2020

- Worked with Chinese assessment scientists and students on quantitative methods for population dynamics

Evaluation of Management Strategies in the Chilean Common Sardine and Anchoveta Fisheries, Invited Consultant

INVITED PARTICIPANT

2018-2019

- Worked with Chilean assessment scientists to prepare Stock Synthesis models for common sardine and anchoveta and provide technical advice

Introduction to Stock Synthesis Workshop at the Instituto de Investigación Pesquera (Inpesca)

INSTRUCTOR

September 2018

- Worked with Chilean assessment scientists to adapt and construct models for common sardine and southern hake in Stock Synthesis
- Conducted in both English and Spanish

China-Korea Stock Assessment Training Workshop for the Yellow Sea Large Marine Ecosystem

INVITED EXPERT

July 2018

- Provided advice based on stock assessment methods in the U.S. for future joint management of small yellow croaker and blue swimming crab in the Yellow Sea

PEER REVIEWING ACTIVITY

Journals: Fisheries Research, Journal of Fish Biology, ICES Journal of Marine Science, Frontiers in Marine Science

Selected Presentations (Oral)

SAFS Quantitative Seminar

Seattle, USA

DO FISHERS GO WHERE THE FISH GO? A RETROSPECTIVE ANALYSIS ON THE POLLOCK FISHERY IN THE EASTERN BERING SEA

February 2023

South Pacific Regional Fisheries Management Organisation Scientific Committee Meeting

Seoul, South Korea

STOCK ASSESSMENT FOR CHILEAN JACK MACKEREL.

October 2022

Awards

- FINS Travel Award (Summer 2022)
- Winner, SAFS Research Derby (2014)
- Provost's Honour Roll, University of Miami (2011, 2013)
- Dean's List, University of Miami (2010, 2011, 2013)
- University Scholarship, University of Miami (2010-2014)
- United World College Scholarship (2008-2010)

Relevant Coursework

- BIOST 555: Statistical Methods for Spatial Epidemiology (Winter 2020)
- BIOST 578: Advanced Spatial Statistics for Public and Global Health (Spring 2020)
- FISH 507: Designing, implementing, and managing fisheries independent surveys for use in fisheries research, assessment, and management advice (Winter 2021)
- FISH 576, 577: Applied Stock Assessment (Winter and Spring 2021; 2015)
- FISH 558: Decision Analysis in Natural Resource Management (Fall 2015)
- FISH 559: Numerical Computing for Fisheries Assessment and Management (Fall 2014)