Monday, April 30

7:30pm – 9:00pm
- Welcome Social at the Ag47 Bar and Bistro in the Silver Cloud Hotel

Tuesday, May 1

8:30am
- Welcome and symposium opening.
  Kevin Werner, NMFS NWFSC

8:45am
- Advancements and challenges in the stock assessment enterprise.
  Rick Methot, NOAA Fisheries Senior Scientist for Stock Assessments

9:25am
- Estimating catch-at-age of Western Atlantic Bluefin tuna: Can we do better than cohort slicing?
  Lisa Ailloud, Virginia Institute of Marine Science
9:45am

• **An integrated growth model for deriving the age-at-sexual maturity from growth increment data: A case study for threatened Western Atlantic loggerhead sea turtles (Caretta caretta).**
  Brandon Chasco, Oregon State University

10:05am

~Break~

10:25am

• **Modeling the effects of inbreeding in salmon hatcheries on the eco-evolutionary dynamics of supplemented wild populations.**
  Charlie Waters, University of Washington

10:45am

• **Estimating total mortality rates from mean lengths and catch rates in nonequilibrium situations.**
  Quang Huynh, Virginia Institute of Marine Science

11:05am

• **Age structure considerations when expanding stock assessment reference points beyond biomass.**
  Jason Cope, NMFS NWFSC

11:25pm

• **Using economic information to improve data-limited stock assessments.**
  Dan Ovando, University of California, Santa Barbara

11:45am

~Lunch~

1:00pm

• **Washington Sea Grant Presentation.**
  Penny Dalton and/or Kate Litle, Washington Sea Grant

2:00pm

• **Harvest slots as a management tool to maximize marine recreational fishing opportunities and sustainability: Gulf of Mexico red snapper as a model species.**
  Erin Bohaboy, University of Florida

2:20pm

• **Spatial métiers in the commercial vertical line fishery for reef fish in the Gulf of Mexico.**
  Nicholas Ducharme-Barth, University of Florida
2:40pm
~Break~

3:00pm
• *Ecological indicators of coral reefs across multiple spatial scales in Hawai‘i.*
  Mary Donovan, University of Hawaii at Manoa

3:20pm
~Set up Career Panel~

3:30pm
• Career Panel
  Tim Esssington, Ian Stewart, Lisa Pfeiffer, Jason Cope, Jim Hastie, and Melissa Haltuch

5:00pm
~Session Ends~

6:00pm
• Group Dinner, Mamma Melina, 5101 25th Ave NE
  Family Style – Banquet Menu (Bring cash)

**Wednesday, May 2**

8:30am
• *System-level optimum yield: Increased value, less risk, improved stability, and better fisheries.*
  Jason Link, NOAA Fisheries Senior Scientist for Ecosystem Management

9:30am
• *Incorporating community ecology into harvested species recovery trajectories.*
  Robert Dunn, San Diego State University and U.C. Davis

9:50am
• *Effects of climate-dependencies and estimation methods on biological reference points.*
  Cecilia O’Leary, Stony Brook University

10:10am
~Set-up Poster Session~

10:30am
• Poster Session
12:00pm
~Take apart Poster Session and Lunch~

1:30pm
- Field Trip
  American Seafoods catcher-processor boats at Pier 91
  (note: You must have a photo ID to take the tour)

5:00pm
~Return from Field Trip~

6:30pm
~Dinner on own in Seattle~

**Thursday, May 3**

8:50am
- *Economic data collections: A multitude of benefits that facilitate academic research and the examination of profitability and fishery outcomes after the implementation of catch shares.*
  Amanda Warlick, NMFS NWFSC

9:10am
- *Empirical structural analysis of value generation in the northeast multispecies sector program.*
  Anna Birkenbach, Duke University

9:30am
- *Simulation testing the utility of systematic reserve design to fulfill bioeconomic fisheries objectives*
  Zack Oyafuso, University of Hawaii at Manoa

9:50am
- *Prioritizing habitat restoration for salmon recovery: Cost effectiveness analysis and beyond.*
  Robby Fonner, NMFS NWFSC

10:10am
- *Dike removal and saltmarsh restoration for fish habitat: Estimating the effects on coastal land markets.*
  Cassie Finer, Oregon State University
10:30am
~Break~

10:50am
• Assessing the effects of climate change on U.S. West Coast sablefish productivity and on the performance of alternative management strategies
  Melissa Haltuch, NMFS NWFSC

11:10am
• Differences in life-history mediated temperature effects on population responses to environmental variability: Atlantic cod (Gadus morhua) as an example.
  Mikaela Provost, University of California, Davis

11:30am
• Management strategy evaluation for ecosystem-based fisheries management: Climate, food webs, and people
  Kristin Marshall, NMFS NWFSC

11:50am
• Concluding Remarks
  Kevin Werner, NMFS NWFSC

12:00pm
~Symposium Ends~

(Info on Poster Session continues on next page)
2018 National Marine Fisheries Service – Sea Grant Graduate Fellows Symposium

POSTER SESSION

May 2, 2018
10:30am – 12:00pm

• Lowering the risk of overfishing while increasing profits for California’s most valuable fishery, California market squid.
  Caitlin Allen Akselrud, University of Washington

• Analysis of the spatial and temporal population structure and dynamics of the mid-Atlantic Bight Black sea bass (Centropristis striata) stock- impacts of misspecification of spatial structure of assessment and stock on reliability of reference points.
  Reed Brodnick, University of Maryland

• Network analysis of Pacific halibut quota trading in Alaska.
  Adam Hayes, University of Washington

• Genetic risk assessment of native shellfish aquaculture.
  Natalie Lowell, University of Washington

• Does predation information improve stock assessment?
  Elizabeth Ng, University of Washington

• When can we use dynamic factor analysis to reconcile conflicting indices of relative abundance?
  Cassidy Peterson, Virginia Institute of Marine Science

• Estimating individual- and population-level variation in space use of white sharks off Cape Cod, Massachusetts, from passive acoustic telemetry data.
  Megan Winton, University of Massachusetts, Dartmouth