

KAYLA BLINCOW

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EDUCATION

- (Pres.) Ph.D. Marine Biology, Scripps Institution of Oceanography, UC San Diego
2017 Geographic Information Systems Professional Certification, UC San Diego Extension
2014 Masters of Conservation Biology, University of Queensland
2012 B.S. Ecology Behavior Evolution Biology, UC San Diego

PUBLICATIONS

- Blicow KM**, Semmens BX. The effect of sea surface temperature trends on the structure and connectivity of species landings interaction networks in a multispecies recreational fishery. *In prep.*
- Blicow KM**, Bush PG, Heppell SA, McCoy CM, Johnson BC, Pattengill-Semmens CV, Heppell SS, Stevens-McGeever SJ, Whaylen L, Luke K, Semmens BX. Spatial ecology of Nassau Grouper at home reef sites: Insights from tracking a large, long-lived Epinephelid species using acoustic telemetry across multiple years (2005-2008). *In review.*
- 2010 Hanna G, **Blicow KM**, Hein E. Species abundance and sex ratios of *Drosophila melanogaster* and *Zaprionus indianus* in two different habitats of the Tropical Dry Forest of Alamos, Mexico (Diptera: Drosophilidae). *Drosophila Information Service*. 93: 106-109.

CONFERENCES

- 2020 **Blicow KM**, Semmens BX. Quantifying and visualizing causal interaction networks between target species landings in a multispecies recreational fishery. International Marine Conservation Congress. *Virtual*. (Talk)
- 2020 **Blicow KM**, Doss Y, Angne P, Ramirez-Valdez A, Semmens BX. Using stable isotope analyses to investigate the trophic ecology of an IUCN Critically Endangered species, the Giant Sea Bass (*Stereolepis gigas*). International Marine Conservation Congress. *Virtual*. (Poster)
- 2020 **Blicow KM**, Doss Y, Ramirez-Valdez A, Semmens BX. Addressing knowledge gaps in the ecology of Giant Sea Bass (*Stereolepis gigas*) using tagging and stable isotope analyses. Giant Sea Bass Symposium. Aquarium of the Pacific, Long Beach, CA. (Talk)
- 2020 **Blicow KM**, Semmens BX. Uncovering causal interaction networks between target species in a multispecies recreational fishery. Ocean Sciences Meeting. San Diego, CA. (Talk)

- 2019 **Blinco KM**, Doss Y, Ramirez-Valdez A, Semmens BX. Addressing knowledge gaps in the ecology of Giant Sea Bass (*Stereolepis gigas*) using tagging and stable isotope analyses. Western Society of Naturalists Meeting. Ensenada, MX. (Talk)
- 2018 **Blinco KM**. Uncovering the spatial ecology of an iconic kelp forest fisheries species. SIO Marine Biology Student Symposium. La Jolla, CA. (Talk)
- 2017 **Blinco KM**, Semmens BX. Uncovering causal interaction networks between target species in a multispecies recreational fishery. Western Society of Naturalists Meeting. Pasadena, CA. (Talk)

GRANTS AND FELLOWSHIPS

- 2020 The Edna Bailey Sussman Fund Graduate Environmental Internship (\$2,625)
- 2020 Women Divers Hall of Fame Marine Conservation Scholarship sponsored by the Rachel Morrison Memorial Fund (\$2,000)
- 2019 Los Angeles Rod & Reel Club Foundation, Maxwell J. Fenmore Memorial Fellowship (\$8,000)
- 2018 Mia Tegner Memorial Fellowship (\$3,020)
- 2017 WILDCOAST Outreach Grant (\$1,050)
- 2016 Program for Interdisciplinary Environmental Research Fellowship (sources split below)
 - San Diego Fellowship (\$33,000)
 - Mary M. Yang Graduate Fellowship for Environmental Stewardship (\$25,000)

TEACHING EXPERIENCE

- 2020 Guest Lecture, SIO 139: Current Research Methods in Marine Biology, Quantitative Tools
- 2019 Guest Lecture, SIOB 272: Advanced Statistical Techniques, Bootstrapping
- 2019 Teaching Assistant, SIOB 272: Advanced Statistical Techniques
- 2018 Teaching Assistant, BIEB 135: Aquatic Ecology Lab

WORKSHOPS AND TRAININGS

- 2019 FISH 558: Decision Analysis in Natural Resource Management (attended coding boot camp and audited course). University of Washington. Seattle, WA.
- 2019 Time Series Analysis Workshop at PSAW II. La Jolla, CA.
- 2019 Protected Species Assessment Workshop (PSAW II). La Jolla, CA.
- 2018 Center for the Advancement of Population Assessment Methodology (CAPAM) Spatial Stock Assessment Models Workshop. La Jolla, CA.
- 2018 FISH 559: Numeric Modelling in Fisheries (attended coding boot camp and audited course). University of Washington. Seattle, WA.

- 2018 Movebank Workshop. NC Museum of Natural Sciences. Raleigh, NC.
 2017 Center for the Advancement of Population Assessment Methodology (CAPAM) Recruitment Workshop. Miami, FL.

MENTORSHIP

- 2019 – 2020 Kara Wiggin (Ph.D.): SIO PhD Peer Mentor Program
 2019 – 2020 Lauren Martin (M.A.S.): “Finding a Needle in a Haystack: Detecting Abalone Presence Using Environmental DNA.”
 2019 Youssef Doss (R.E.U.): “Small Foray into the Realm of Giants: Investigating the Movement Ecology of Giant Sea Bass (*Stereolepis gigas*).”
 2018-2019 Emi Koch (M.A.S.): “Fisheries Conflicts: Impacts on Social-Ecological Wellbeing and Human Security.”
 2018-2019 Ross Cooper (M.A.S.): “The fish formerly known as *Lampris guttatus*: Analyzing combined Catch-Per-Unit-Effort of two recently defined species of opah.”
 2017-2018 Meghan Emidy (M.A.S.): “Changing Climate in the Classroom: A Model for Place-based Climate Science Education in San Diego County”

PROFESSIONAL SERVICE

- Ongoing* Reviewer for *Scientific Reports, Ecological Applications*
 2020 SIO Center for Marine Biodiversity and Conservation Staff Hiring Committee
 2019 SIO Faculty Hiring Committee Student Representative
 2019 – Pres. SIO Diving Control Board Student Representative
 2018 – Pres. Leader of SIO R Users Group
 2018 – Pres. SIO Center for Marine Biodiversity and Conservation Student Representative
 2016 – 2018 Coordinated Interdisciplinary Forum for Environmental Research at SIO

OUTREACH

- 2020 Guest Speaker for Lewis Middle School 7th Grade Science Class
 2019 Science Lecturer for SEACAMP San Diego
 2018 – Pres. Letters to Pre-Scientist Pen Pal Program
 2018 American Fisheries Society Hutton Scholar Pen Pal Program
 2017 Produced training film for kayak guides in Matlahuayl State Marine Reserve

ADDITIONAL SKILLS

SIO Small Boating Course; Maintain and Operate Semmens Lab Boston Whaler

AAUS Scientific Diver
DAN First Aid/CPR Certified