



# Connor F. White

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## EDUCATION

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### Harvard University

Cambridge, MA

Ph.D. Dept. of Organismic and Evolutionary Biology, 2025

M.A. Dept. of Organismic and Evolutionary Biology, 2025

Dissertation: *From the lab to the field: studying fish locomotor dynamics using animal-borne dataloggers*

Advisor: Dr. George Lauder

### California State University Long Beach

Long Beach, CA

M.S., GPA: 4.0, *honors* in Biology 2016

Thesis: *"Quantifying the habitat selection of juvenile white sharks, Carcharodon carcharias, and predicting seasonal shifts in nursery habitat use"*

Advisor: Dr. Christopher Lowe

### The College of William & Mary

Williamsburg, VA

B.S., *Cum Laude*, GPA: 3.61, *honors* in Biology 2011

Honors Thesis: *"The Foraging and Reproductive Ecology of Intertidal Gastropods"*

Advisor: Dr. Jonathan Allen

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## WORK EXPERIENCE

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### University of Virginia-Department of Environmental Science

Charlottesville, VA

Postdoctoral Researcher

2025 - Current

### New England Aquarium- Anderson Cabot Center for Ocean Life

Boston, MA

Research Technician

2016 - 2019

### Massachusetts Division of Marine Fisheries

New Bedford, MA

Fisheries Technician

2017

### Monterey Bay Aquarium-Department of Conservation and Research

Monterey, CA

Research Scientist

2017

### California State University Long Beach

Long Beach, CA

Marine Lab Graduate Assistant

2013-2016

### Mote Marine Laboratory - Behavioral Ecology and Physiology Program

Sarasota, FL

Research Technician

2012 - 2013

### Saltwater Inc.

Anchorage, AK

Federal Groundfish Observer

2011

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## TEACHING AND MENTORING EXPERIENCE

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### Harvard University

Winthrop House Resident Tutor

2023 – 2024

Lowell House Resident Tutor

2017 – 2022

Biology of Fishes (TF – OEB130)

Spring 2018, 2021, 2023

Fundamentals of Marine Biology (TF- OEB60)

Spring 2022

Evolutionary Human Anatomy and Physiology (TF - LS2)  
R for Biologists - Workshop

CF White  
Fall 2020, Fall 2021  
Summer 2020

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**Ocean Sciences Institute (Catalina Semester)**

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Fisheries (TA - OSI 431)	Fall 2015
Marine Community Ecology (TA - OSI 421)	Fall 2015
Directed Research (TA - OSI 490)	Fall 2015

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**California State University Long Beach**

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Biological Statistics (TA - Bio 260)	Spring - Fall 2014
Marine Biology (TA - Bio 153)	Fall 2013

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**GRANTS, FELLOWSHIPS, SCHOLARSHIPS & AWARDS**

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**Grants**

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2016	<b>Student Travel Award (\$500)</b> American Elasmobranch Society
2016	<b>Student Travel Award (\$500)</b> California State University Council on Ocean Affairs, Science & Technology
2015	<b>Graduate Research Grant (\$1000)</b> Southern California Tuna Club
2015	<b>Graduate Student Research Award (\$3000)</b> California State University Council on Ocean Affairs, Science & Technology
2014	<b>Graduate Research Grant (\$1000)</b> Southern California Tuna Club
2014	<b>Marine Biology Research Award (\$2500)</b> Los Angeles Rod and Reel Club
2014	<b>Summer Student Research Award (\$5215)</b> California State University Long Beach
2014	<b>Reish Research Grant in Marine Biology (\$950)</b> California State University Long Beach
2014	<b>Student Research Grant (\$1575)</b> Southern California Academy of Sciences
2014	<b>Student Equipment Grant (Equipment support)</b> Nortek USA
2010	<b>Charlotte Magnum Student Support (\$500)</b> Society for Integrative Biology
2010	<b>Student Conference Travel Award (\$400)</b> The College of William & Mary & Howard Hughes Medical Institute

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**Fellowships & Scholarships**

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2021	<b>Robert A. Chapman Memorial Fellowship (\$2250)</b> Harvard Museum of Comparative Zoology
2020	<b>Robert A. Chapman Memorial Fellowship (\$2250)</b> Harvard Museum of Comparative Zoology
2015	<b>WIES Graduate Summer Fellowship (field station support)</b> Wrigley Institute of Environmental Science, University of Southern California
2014	<b>MTS Graduate Scholarship (\$2000)</b> Marine Technology Society
2014	<b>WIES Graduate Summer Fellowship (field station support)</b> Wrigley Institute of Environmental Science, University of Southern California

- 2010 **Coastal Studies Fellowship** (housing support)  
Bowdoin College
- 2010 **Summer Research Fellowship** (\$3800)  
The College of William & Mary & Howard Hughes Medical Institute
- 2009 **Service Scholarship** (\$1250)  
AmeriCorps

## Awards

- 2023 **Certificate of Distinction in Teaching** (OEB130)  
Office of Undergraduate Education - Harvard University
- 2022 **Certificate of Distinction in Teaching** (OEB60)  
Office of Undergraduate Education - Harvard University
- 2021 **Certificate of Distinction in Teaching** (LS2)  
Office of Undergraduate Education - Harvard University
- 2021 **Certificate of Distinction in Teaching** (OEB130)  
Office of Undergraduate Education - Harvard University
- 2018 **Certificate of Distinction in Teaching** (OEB130)  
Office of Undergraduate Education - Harvard University
- 2016 **Departmental Graduate Student Honors**  
College of Natural Sciences-California State University Long Beach
- 2016 **Outstanding Graduate Research Award** (\$200)  
Biological Sciences-California State University Long Beach
- 2015 **NSF Graduate Research Fellowship Program Honorable Mention**  
National Science Foundation
- 2015 **Student Research Competition 2<sup>nd</sup> Place**  
California State University Long Beach

## PUBLICATIONS

### Peer Reviewed Journal

#### *In Prep and Revision*

- White CF**, Castro-Santos T, Goerig E, Lauder GV. *In Submission*. Fish locomotor dynamics quantified using multiple inertial measurement units
- White CF**, Lauder GV. *In Prep*. Shark locomotion in the wild: quantifying field kinematics using multiple biologists
- White CF**, Frazier BS, Weber DN, Whitney NM. *In Revision*. Survival and Swimming Behavior of Red Drum (*Sciaenops ocellatus*) Following Recreational Catch and Release Fishing.

#### *Published*

- 31) Chaumel J, **White CF**, Lauder GV. *In Review*. The tail of myliobatid stingrays controls body stability. *Journal of Experimental Biology*
- 30) **White CF**, Lauder GV. *Accepted*. Are swimming fish dual oscillator systems? A case study using free-swimming smooth dogfish sharks (*Mustelus canis*). *Journal of Experimental Biology*
- 29) Chaumel J, Wainwright DK, Webb, JF, **White CF**, Lauder GV. 2025. The tuna keel is a mechanosensory structure. *iScience* 28(1)
- 28) Logan RK, Anderson JM, Burns ES, Samara YS, Freedman R, Garcia-Rodriguez E, Jahn E, Lyons K, Meese EM, Merson Z, O'Sullivan JO, Rex PT, Spurgeon E, Stirling BS, **White CF**, Winkler C,

- Jorgensen S, Sosa-Nishizaki O, Lowe CG. 2024. Long-term tracking captures the timing of ontogenetic niche shifts in Northeast Pacific white sharks. *EcoSphere* 15(10)
- 27) **White CF**, Lauder GV. 2024. Studying animal locomotion with multiple data loggers; quantifying time drift between tags. *Animal Biotelemetry* 12(1)
- 26) Andres AM, Slesinger E, Young R, Saba G, Saba V, Phelan B, Rosendale J, Wieczorek D, **White CF**, Seibel BA. 2024. Thermal sensitivity of metabolic performance in *Squalus acanthias*: efficacy of aerobic scope as a predictor of viable thermal habitat. *Marine Ecology Progress Series* 738
- 25) Kneebone JK, **White CF**, Collatos C, Whitney NM. 2024. Higher survivorship of sandbar sharks (*Carcharhinus plumbeus*) following catch and release in a rapidly growing land-based fishery in Massachusetts. *Fisheries Bulletin* 122(1-2)
- 24) Gong AY, Nosal AP, Cartamil D, Bellquist L, Ben-Aderet N, Blincow K, Burns E, Freedman R, Logan R, Lowe CG, Semmens BX, Sterling B, **White CF**, Hastings P. 2023. Migration, aggregation and philopatry of two nearshore elasmobranch species in the Southern California Bight. *Marine Ecology Progress Series* 724
- 23) Freedman RM, Anderson JM, Caldow C, Sterling B, Rex P, Spurgeon E, McCullough S, Lyons K, May J, **White CF**, Logan RK, Meese E, Burns E, Clevenstine AJ, O'Sullivan J, Winkler C, Duncan L, Cajandig M, Lowe CG. 2023. Evidence of Juvenile white sharks (*Carcharodon carcharias*) habitat use at the Northern Channel Islands. *Journal of Fish Biology* 103(5)
- 22) Gibson-Banks K, Steich M, Drymonn MJ, Scyphers SB, Mohan JA, Wells RJ, Binstock AL, Richards TM, **White CF**, Whitney NM, Stunz GW. 2023. Talk is Cheap: Direct Evidence of Conservation-based Changes in Angler Behavior. *Conservation Science and Practice*. e13001
- 21) Binstock AL, Richards TM, Wells RJ, Drymonn MJ, Gibson-Banks K, Steich M, Stunz GW, **White CF**, Whitney NM, Mohan JA. 2023. Variable post-release mortality in common shark species captured in Texas shore-based recreational fisheries. *PlosOne* 18(2) e0281441
- 20) **White CF**, Pratt HL, Pratt TC, Whitney NM. 2022. Interspecific foraging association of a nurse shark (*Ginglymostoma cirratum*) with bottlenose dolphins (*Tursiops truncatus*). *Animal Biotelemetry* 10(35)
- 19) Knotek RJ, Frazier BS, Daly-Engel TS, **White CF**, Barry SN, Cave EJ, Whitney NM. 2022. Post-Release Mortality, Recovery, and Stress Physiology of Recreationally-Caught Small Coastal Sharks. *Fisheries Research* 254
- 18) Zhang Y, Montgomery DM, **White CF**, Richards J, Brauner C, Farrell AP. 2022. Characterizing the hypoxic performance of a fish using a new metric:  $P_{AAs-50}$ . *Journal of Experimental Biology* 225 (11)
- 17) O'Sullivan JO, Lowe CG, Sosa-Nishizaki O, Jorgensen SJ, Anderson JM, Farrugia TF, Garcia-Rodriguez E, Lyons K, McKinzie M, Oñate-González E, Weng K, **White CF**, Winkler C, Van Houtan K. 2022. A Biologging Database of Juvenile White Sharks from the Northeast Pacific. *Scientific Data* 9 (1)
- 16) Anderson JM, Clevenstine AJ, Stirling BS, Burns ES, Meese EN, **White CF**, Logan RK, O'Sullivan JO, Rex PT, May J, Lyons K, Winkler C, Garcia-Rodriguez E, Sosa-Nishizaki O, Lowe CG. 2021. Non-random Co-occurrence of Juvenile White Sharks (*Carcharodon carcharias*) at Seasonal Aggregations Sites in Southern California. *Frontiers in Marine Science* 8: 1095
- 15) Anderson JM, Burns ES, Meese EN, Farrugia TF, Stirling BS, **White CF**, Logan RK, O'Sullivan JO, Winkler C, Lowe CG. 2021. Interannual nearshore habitat use of young of the year white sharks off southern California. *Frontiers in Marine Science* 8: 238

- 14) Nosal AP, Cartamil DC, Ammann AJ, Bellquist LF, Ben-Aderet NJ, Blincow KM, Burns ES, Chapman ED, Freedman RM, Klimley PA, Logan RK, Lowe CG, Semmens BX, **White CF**, Hastings PA. 2021. Triennial Migration and Philopatry in the Critically Endangered Soupfin Shark (*Galeorhinus galeus*). *Journal of Applied Ecology* 58 (8): 1570-1582
- 13) Whitney NM, **White CF**, Smith BJ, Cherkiss MS, Mazzotti FJ, Hart KM. 2021. Accelerometry to study fine-scale activity of invasive Burmese pythons (*Python bivittatus*) in the wild. *Animal Biotelemetry* 9(2): 1-13
- 12) Popp M, **White CF**, Bernal D, Wainwright DK, Lauder GV. 2020. The denticle surface of thresher shark tails: three-dimensional structure and comparison to other pelagic species. *Journal of Morphology* 281(8): 938-955
- 11) Barilotti A, **White CF**, Lowe CG, 2020. Fishing pier association of white croaker and California halibut within the Los Angeles and Long Beach harbors. *Southern California Academy of Sciences Bulletin* 119(1):18-34
- 10) Yung-Chun Z, Moxley JH, Kanive P, Gleiss A, Maughan T, Bird L, Jewell O, Chapple T, Gagne T, **White CF**, Jorgensen SJ. 2019. Deep learning accurately predicts white shark locomotor activity from depth data. *Animal Biotelemetry* 7(1): 1-13
- 9) **White C.F.**, Lyons K, Weng K, Winkler C, Jorgensen SJ, O’Sullivan J, Lowe CG. 2019. Quantifying habitat selection and variability in habitat suitability for juvenile white sharks. *PlosOne* 14(5) e0214642
- 8) Logan RK, Winkler C, Lyons K, **White CF**, Jorgensen SJ, O’Sullivan, JB Lowe CG. 2018. Length, girth and weight morphometric relationships for juvenile white sharks (*Carcharodon carcharias*) in Southern California. *Journal of Fish Biology* 93(5): 842-849
- 7) Benson JF, Jorgensen SJ, O’Sullivan JB, Winkler C, **White CF**, Garcia E, Sosa-Nishizaki O, Lowe CG. 2018. Juvenile survival, competing risks, and spatial variation in mortality risk of a marine apex predator. *Journal of Applied Ecology* 55(6) 2888-2897
- 6) Whitney NM, **White CF**, Anderson PA, Skomal GB, Hueter RH. 2017. Relationships between behavioral and physiological responses and post-release mortality of blacktip sharks (*Carcharhinus limbatus*) caught by circle and J- hooks in the Florida recreational shark fishery. *US Fisheries Bulletin* 115(4): 523-543
- 5) Lin Y, Hsiung J, Piersall R, **White CF**, Lowe CG, Clark CM. 2017. A Multi-AUV System for Autonomous Tracking of Marine Life. *Journal of Field Robotics*. 34(4): 757-773
- 4) **White CF**, Lin Y, Clark CM, Lowe CG. 2016. Man V Robot, assessing the viability of autonomous underwater vehicles to actively track a tagged animal. *Journal of Experimental Marine Biology and Ecology* 485:112-118.
- 3) Hart KM, **White CF**, Sartain AR, Whitney NM. 2016. Trading shallow safety for deep sleep: juveniles green sea turtles risk increased predation for better rest as they grow. *Endangered Species Research* 31:61-73.
- 2) Whitney NM, **White CF**, Gleiss AC, Schweiterman GD, Anderson PA, Skomal GB, Hueter RH. 2016. A novel method for determining post-release mortality, behavior, and recovery period using acceleration data loggers. *Fisheries Research* 183: 210-221
- 1) Whitmore BM, **White CF**, Gleiss AC, Whitney NM. 2016. A float-release package for recovering data-loggers from wild sharks. *Journal of Experimental Marine Biology and Ecology* 475:49-53.



## Book Chapters

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- 2) Whitney NM, Lear KO, Gleiss AC, **White CF**. 2018. Advances in the application of high-resolution biologgers to elasmobranch fishes. In: *Shark Research: Emerging Technologies and Application for the Field and Laboratory*. Editor: Carrier JC, Heithaus MR, Simpfendorfer CA P. 45-71
- 1) Lowe CG, **White CF**, Clark CM. 2018. Use of autonomous vehicles for tracking and surveying of tagged elasmobranchs. In: *Shark Research: Emerging Technologies and Application for the Field and Laboratory*. Editor: Carrier JC, Heithaus MR, Simpfendorfer CA. P. 93-111

## Conference Papers

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- 3) Smith K, Hsiung S, **White CF**, Lowe CG, Clark CM. 2016. Stochastic modeling and control for tracking the periodic movements of marine animals via AUVs. *Intelligent Robots and Systems (IROS 2016)*, 3101-3107.
- 2) Lin Y, Kastein H, Peterson T, **White CF**, Lowe CG, Clark CM. 2014. A Multi-AUV state estimator for determining the 3D position of tagged fish. In: *Intelligent Robots and Systems (IROS 2014)*. pp 3469-3475.
- 1) Lin Y, Kastein H, Peterson T, **White CF**, Lowe CG, Clark CM. 2013. Using time of flight distance calculations for tagged shark localization with an AUV. *Proceedings of the Unmanned Untethered Submersible Technology Conference*.

## Code Packages

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- White CF**, Moxley J, Jorgensen SJ. 2016. gRumble: Orienting and rotation IMU data. R package version 0.0.0.9000 (<https://github.com/MBayOtolith/gRumble>)
- White CF**. 2016. TeleFunc: Assorted functions for the analysis of acoustic telemetry data. R package version 0.0.0.9000 (<https://github.com/ConnorFWhite/TeleFunc>)

## IUCN Red List Assessments

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- Perez-Jimenez JC, **White CF**, Ruiz C, Carlisle AB, Lowe CG. 2016. *Mustelus lunulatus*, Sicklefin Smoothhound. The IUCN Red List of Threatened Species 2016:e.T161640A5470780.
- Bizzarro JJ, Kyne PM, Freedman RM, **White CF**, Lowe CG. 2015. *Zapteryx exasperata*, Banded Guitarfish. The IUCN Red List of Threatened Species 2015:e.T60177A80673370.
- Carlisle AB, Smith SE, Launer AL, **White CF**. 2015. *Triakis semifasciata*, Leopard Shark. The IUCN Red List of Threatened Species 2015:e.T39363A80672743.
- Villavicencio-Garayzar CJ, **White CF**, Lowe CG. 2015. *Cephaloscyllium ventriosum*, Swell Shark. The IUCN Red List of Threatened Species 2015: e.T60227A80671800.

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## PRESENTATIONS

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- White CF**, Lauder GV. 2024. Why stop at one? Using multiple IMU tags to reconstruct fish locomotion. 8th International Biologging Conference. Tokyo Japan.
- White CF**, Castros-Santos T, Lauder GV. 2023. Volitional burst swimming in White Sucker, *Catostomus commersonii*, quantified with high-resolution biologging. Society of Integrative and Comparative Biology
- White CF**, Lear KO, Gleiss AC, Whitney NM. 2022. Scaling of tailbeat frequency with body size during volitional swimming in sharks. Society of Integrative and Comparative Biology

- White CF**, Lauder GV 2021. Fish Locomotion: reconstructing fish midline kinematics from multiple inertial measurement units. Society of Integrative and Comparative Biology.
- White CF**, Whitney NM, Weber DN, Frazier BS. 2020. Survival and swimming behavior of red drum (*Sciaenops ocellatus*) following recreational capture and release. Society of Integrative and Comparative Biology. Austin TX.
- White CF**, Whitney NM, Weber DN, Frazier BS. 2020. Survival and swimming behavior of red drum (*Sciaenops ocellatus*) following recreational capture and release. Society of Integrative and Comparative Biology. Austin TX.
- White CF**, Clark CM, Lowe CG. 2019. Shark tracking robots: Development of autonomous Vehicles for tracking animals. American Elasmobranch Society. Snowbird UT.
- White CF**, Moxley JH, Gleiss AC, Chapple TK, Kanive PE, Anderson SD, Carlisle AB, Block BA, Jorgensen SJ. 2017. Fine scale variability in stomach temperatures of white sharks (*Carcharodon carcharias*) links to digestion and homeothermy. In: 6th International Biologging Conference. Konstanz, Germany.
- White CF**, Lyons K, Weng K, Winkler C, Jorgensen SJ, O'Sullivan J, Lowe CG. 2016. Movement of Juvenile White Sharks in Southern California: Predicting Future Nursery Habitat. Annual Meeting of the American Elasmobranch Society. New Orleans, LA.
- White CF**, Lyons K, Weng K, Winkler C, Jorgensen SJ, O'Sullivan J, Lowe CG. 2016. Predicting the Distribution of Juvenile White Sharks Based on Dynamic Environmental Data. 2<sup>nd</sup> North East Pacific Shark Symposium. Catalina Island, CA.
- White CF**, Lin Y, Hsiung J, Clark CM, Lowe CG. 2015. Evaluating Autonomous Underwater Vehicles As Tools for Surveying and Tracking Tagged Fish. 145<sup>th</sup> Annual Meeting of the American Fisheries Society. Portland, OR.
- White CF**, Lin Y, Hsiung J, Clark CM, Lowe CG. 2015. Habitat Selection of the Leopard Shark, *Triakis semifasciata*, Using Fine Spatio-Temporal Movement and Temperature Data. American Elasmobranch Society. Reno, NV.
- White CF**, Hart KM, Cherkiss MS, Rockford MR, Mazzotti FJ, Whitney NM. 2014. Activity Patterns and Thermoregulatory Behavior of the Invasive Burmese Python, *Python molurus bivittatus*, in the Florida Everglades , USA. 5<sup>th</sup> International Biologging Symposium. Strasbourg, France.
- White CF**, Lin Y, Piersall R, Clark CM, Lowe CG. 2014. Using Tracking Robots and Accelerometers to Determine Fine Scale Behaviors and Habitat Selection of the Leopard Shark, *Triakis semifasciata*. First North East Pacific Shark Symposium. Seattle, WA.
- White CF**, Anderson PA, Gleiss AC, Skomal GB, Hueter RH, Whitney NM. 2013. Assessing Post-Release Recovery Periods in Blacktip Sharks. Annual Meeting of Western Society of Naturalists. Oxnard, CA.
- White CF**, Allen JD. 2012. Embryo Protection in *Nucella lapillus*: Encapsulation or Aggregation? Benthic Ecology Meeting. Norfolk, VA.
- White CF**, Allen JD. 2011. The Effect of Egg Capsule Clustering on Embryonic Survival in the Dogwhelk *Nucella lapillus*. Society of Integrative and Comparative Biology. Salt Lake City, UT. pp E266-E266.

### Select Contributed Presentations

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- Chaumel J, **White CF**, Lauder GV. 2025. The tail of Myliobatid stingrays: function for controlling body stability. Annual Meeting of the Society for Integrative and Comparative Biology. Atlanta, Georgia.

- Braun CD, Arostegui MC, Cones S, Willis C, **White CF**, Gaube P, Thorrold SR. Using top predators and novel technologies to explore and understand the deep ocean. 2024. International Billfish Symposium. San Diego CA
- Hart KM, Cherkiss MS, Roche DC, Denton M, Crowder AG, Arias M, **White CF**, Whitney NM. Fine-scale dive and activity patterns for imperiled sea turtles in the Gulf of Mexico. 2024 Ocean Sciences Meeting. New Orleans, LA.
- Braun CD, Arostegui MC, Willis C, **White CF**, Thorrold SR. 2023. Using top predators and novel technologies to explore and understand the deep ocean. 8th International Biologging Conference. Tokyo Japan.
- Dodge KL, **White CF**, Landry S, Lynch B, Whitney NM. 2024. Foraging behavior of leatherback sea turtles (*Dermochelys coriacea*) off Massachusetts, USA: insights from acceleration data loggers. 42<sup>nd</sup> International Sea Turtle Symposium in Pattaya
- Knotek RJ, Kneebone J, **White CF**, Curtis T, Collatos C, Whitney NM. 2023 I like to move it, move it: advances in the application of acceleration data loggers in fisheries research. Annual Meeting of the American Elasmobranch Society
- Knotek RJ, Frazier BS, Daly-Engel TS, **White CF**, Barry SN, Cave EJ, Whitney NM. 2021. Swim, sink or snack? Cooperative research to assess the post-release mortality of small coastal sharks. Annual meeting of the American Fisheries society 2021.
- Richards TM, Mohan JA, Binstock A, Drymon M, Gibson-Banks K, Streich M, Stunz G, **White CF**, Whitney NM, Wells RJ. Post Release Mortality and Behavior of sharks in shore based recreational fisheries using citizen scientists and low-cost tags. Annual Meeting of the American Fisheries Society 2021.
- Knotek RJ, Frazier BS, Daly-Engel TS, **White CF**, Barry SN, Cave EJ, Whitney NM .2020. The use of biologgers to provide essential data for fisheries management: Post-release mortality of blacknose sharks in a recreational fishery. The 7<sup>th</sup> International Biologging Symposium.
- Hart KM, Iverson A, Whitney NM, **White CF**, Gredzens C, Shaver DJ. 2020. Acceleration data loggers reveal fine-scale behavior of adult female Kemp's Ridleys during inter-nesting. South East Regional Sea Turtle Meeting. Corpus Christi TX.
- Nosal AP, Cartamil DP, Lam CH, Bellquist LF, Ben-Aderet NJ, **White CF**, Logan RK, Freedman RM, Lowe CG, Semmens BX, Hastings PA. 2019. Triennial Philopatry in the Eastern North Pacific Soupfin Shark (*Galeorhinus galeus*). American Elasmobranch Society. Snowbird UT
- Popp M, Wainwright DK, **White CF**, Bernal D, Lauder GV. 2019. Thresher shark tails: Denticle morphology in comparison to other pelagic sharks. Society of Integrative and Comparative Biology. Tampa, FL.
- Whitney NM, Lear KO, **White CF**. 2018. Bringing Data to the Surface: The Use of Acceleration Data Loggers to Study Post-Release Mortality. Annual Meeting of the American Fisheries Society. Atlantic City, NJ.
- Nemire-Pepe DA, Hart KM, Iverson AR, Fujisaki I, **White CF**, Whitney NM. 2018. Getting to the bottom: accelerometers elucidate diving behavior of female green sea turtles during inter-nesting periods. 103<sup>rd</sup> Annual meeting of the Ecological Society of America. New Orleans , LA.
- Nosal AP, Cartamil DP, Lam CH, Bellquist LF, Ben-Aderet NJ, **White CF**, Logan RK, Freedman RM, Lowe CG, Semmens BX, Hastings PA. 2017. Movement Ecology of the Soupfin Shark (*Galeorhinus galeus*) in the Eastern North Pacific. Sharks International Joao Pessoda, Brazil 2018
- Burns ES, **White CF**, Meese EN, Lowe CG. An all-inclusive Smart Tag combines active tracking, biologging, and animal motion sensors to observe the fine-scale, short term behavior and habitat use of juvenile white sharks. Sharks International Joao Pessoda, Brazil 2018



- Burns ES, **White CF**, Meese EN, Lowe CG. Smart tags: combining active tracking and biologging to capture the fine-scale, short-term behavior and habitat use of juvenile white sharks. North East Pacific Shark Symposium, Seattle WA, 2018
- Lowe CG, **White CF**, Logan RK, Meese EN, Burns ES, Clevenstine A, Winkler C, Jorgensen S, O'Sullivan J. Juvenile white shark nursery behavior and habitat use in southern california. Sharks International Joao Pessoda, Brazil 2018
- Moxley JH, **White CF**, Gleiss AC, Chapple TK, Kanive PE, Anderson SD, Jorgensen SJ. 2017 Development and assessment of a generalizable correction method and R package *gRumble* for orienting unfixed biologging devices in the stomach of white sharks. 6<sup>th</sup> Internaitonal Biologging Conference. Konstanz, Germany.
- Nosal AP, Cartamil DP, Lam CH, Bellquist LF, Ben-Aderet NJ, **White CF**, Logan RK, Freedman RM, Lowe CG, Semmens BX, Hastings PA. 2017. Movement Ecology of the Soupfin Shark (*Galeorhinus galeus*) in the Eastern North Pacific. 4<sup>th</sup> Annual International Fish Telemetry Conference. Cairns, Australia
- Lowe CG, **White CF**, Barilotti AB, Logan RK, Winkler C, Jorgensen SJ, O'Sullivan J. 2016. Beach babies – Nearshore Movement of Juvenile White Sharks off Southern California. Annual Meeting of the Western Society of Naturalists. Monterey, CA.
- Marshall H, Whitney NM, **White CF**, Bernal D, Gennari E, Johnson R, Fischer C, Skomal GB. 2016. The Stress Response and Recovery Behavior of the White Shark (*Carcharodon carcharias*) After Capture on Handline Gear. Annual Meeting of the American Elasmobranch Society. New Orleans, LA.
- Schweiteman GD, Lear K, Marshall H, Morris J, **White CF**, Hueter RH, Skomal GB, Whitney NM. 2016. Post-Release Mortality of Coastal Sharks in a Commercial Longling Fishery. Annual Meeting of the American Elasmobranch Society. New Orleans, LA.
- Logan RK, **White CF**, Barilotti AB, Lyons K, Winkler C, Jorgensen SJ, O'Sullivan J, Lowe CG. 2016. Quantifying the Movements and Behavior of Juvenile White Sharks in Southern California Using Acoustic Telemetry. 2<sup>nd</sup>North East Pacific Shark Symposium. Catalina Island, CA.
- McGarigal C, Luongo S, Logan RK, Barilotti AB, Crear D, Sawyna J, **White CF**, Lowe CG. 2016. Remote Underwater Video: Who's That Shark? In: Second North East Pacific Shark Symposium. Catalina Island, CA.
- Lowe CG, **White CF**, Logan RK, Barilotti AB, Lyons K, Winkler C, Jorgensen SJ, O'Sullivan J. 2015. Quantifying the Movements and Behavior of Juvenile White Sharks in Southern California using Different Electronic Tags. In: California Cooperative Oceanic Fisheries Investigations Conference. Moss Landing, CA.
- Halprin D, Barilotti AB, **White CF**. 2015. Acoustic Tracking of Sand Bass (*Paralabrax spp.*) During Pile Driving in San Diego Bay, CA. 145<sup>th</sup> Annual Meeting of the American Fisheries Society. Portland, OR.
- Barilotti AB, **White CF**, Lowe CG. 2015. Assessing Pier Association and Long-Term Movements of California Halibut (*Paralichthys californicus*) and White Croaker (*Genyonemus lineatus*). 145<sup>th</sup> Annual Meeting of the American Fisheries Society. Portland, OR.
- Clark CM, Lin Y, Hsiung J, **White CF**, Lowe CG. 2015. Planning, Control, and State Estimation for Animal Tracking with Autonomous Robots. In: Annual Meeting of the American Elasmobranch Society. Reno, NV.
- Lowe CG, **White CF**, Hight B, Bernal D. 2015. Behavioral Thermoregulation in Elasmobranch Fishes: What do we know and where do we go from here? Annual Meeting of the American Elasmobranch Society. Reno, NV.

- Marshall H, **White CF**, Lear K, Hueter RH, Skomal GB, Whitney NM. 2015. Stress Physiology and Post-Release Mortality Rates of Eight Species of Coastal Shark After Longline Capture. In: Tuna Conference. Lake Arrowhead, CA.
- Lowe CG, Lyons K, Winkler C, **White CF**, Jorgensen SJ, O'Sullivan J. 2014. Movement Patterns, Habitat Use, and Fishery Interactions of Juvenile White Sharks in Southern California. In: First North East Pacific Shark Symposium. Seattle, WA.
- Whitney NM, **White CF**, Anderson PA, Gleiss AC, Skomal GB, Lear K. 2014. Hook, Line and Sinker? Accelerometers to Assess Post-Release Mortality and Recovery Periods in Coastal Sharks. Fifth International Biologging Conference Strasbourg, France.
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- Whitney NM, Randall M, Sulak KJ, **White CF**. 2012. Why do Sturgeon Jump? New Technology to Address an Ancient Question. 142<sup>nd</sup> Annual Meeting of the American Fisheries Society. Minneapolis-St. Paul, MN.

### Computer Literacy

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R, ArcGIS, IGOR Pro, SPSS, MiniTab, Primer

### Certifications and Skills

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AAUS Scientific Diver (100 ft, 129 logged dives)  
 PADI Rescue Diver  
 CPR/First Aid/Oxygen  
 Small vessel handling  
 Trailer towing