

David J. Lockwood

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Relevant Experience

Assistant Research Scientist II, Kraus Marine Mammal Conservation Program April 2026- present
New England Aquarium

- Conduct right whale photo analysis, including entering sightings data, assigning images of individual whales to those sightings, coding images, sightings, and behaviors, and identifying individual right whales using the customized DIGITS software.
- Assist Catalog Data Integration Lead with integration of contributor data including data backups, quality control, and importing into the database.
- Lead near-real time injury monitoring efforts for North Atlantic right whales which include communication with many external collaborators, evaluating anthropogenic injuries and impacts on health, integrating injury and health data into the Anthropogenic Events Database.
- Oversee dissemination of injury monitoring effort data to the Right Whale Unusual Mortality review group and broader right whale community, including contributing to the North Atlantic Right Whale Annual Report Card and presenting at the North Atlantic Right Whale Consortium Annual Meeting.
- Contribute to writing grant proposals and project reports.
- Contribute to scientific publication analyses as a coauthor.
- Respond to internal and external requests for information about injury monitoring cases and photo-identification.
- Serve as an ambassador for the program (e.g., develop and execute social media content, give talks to external audiences, represent the program at Aquarium held events, serve on NEAq working groups).

Research Technician II, Kraus Marine Mammal Conservation Program May 2023-March 2026
New England Aquarium

- Entered sightings data and add images of right whales to those sightings
- Photo identification of individual right whales for accurate sighting information
- Coding of images, sightings and all behaviors exhibited
- Managed images and data for the New England Aquarium Right Whale Catalog
- Quality control of data and photo submissions, as well as data backups and importing into all relevant databases

Research Scientist- Right Whale Aerial Observer December 2020-March 2023
Clearwater Marine Aquarium Research Institute

- Documented and photographed North Atlantic right whales off the coasts of Georgia and Florida during the winter calving season
- Photo identification of right whales to ensure accurate sighting information

- Quality checked plane survey data to ensure high data quality and integrity, and backed up data to multiple external drives
- Entered and verified correct identifications for all right whale images, as well as all behaviors and photo frame numbers for submission table sent to New England Aquarium
- Assisted in visual tracking and reporting sick, injured or entangled whales and any response efforts that follow
- Photographed, observed, and recorded data on vessel-based surveys with Georgia Department of Natural Resources

Naturalist

March 2021-May 2023, May 2025- present

New England Aquarium Whale Watch

- Collected data and photos of baleen whales, dolphins, and other marine life in the southern Gulf of Maine
- Entered information in Microsoft Excel formatted report for Center for Coastal Studies
- Photo identification of individual humpback whales for accurate reporting
- Uploaded whale photos to iMatch database and added all required input fields for photo description (species, individual whale name, body part, etc.)
- Communicated with the public while aboard whale watching vessels, narrated trips and presentations for passengers, as well as educated individually about the whales and their marine environment

Fisheries Observer

December 2018-December 2019

MRAG Americas/Fathom Resources

- Biologically sampled (weight, length, biopsies, sighting records etc.) fish, shellfish, marine mammals, turtles, and birds for National Marine Fisheries Service
- Digital photography of specific fish species and all incidental takes for proper documentation and analysis
- Electronic submission of sampling data, species photos, gear information and weather conditions
- Worked on a moving vessel for about 12 hours a day, up to two weeks at a time

Education

Bachelor of Science, Marine Affairs

May 2018

University of Rhode Island, Kingston, RI

Certifications

Standards of Training, Certification, and Watchkeeping (STCW), Feb 2024

Protected Species Observer (PSO) Certification, June 2020

Skills

- Proficient in using Microsoft Access and other Microsoft Office applications
- Level two vessel-based large whale disentanglement training
- DSLR photography experience with whales from various moving platforms