



North Atlantic Right Whale Consortium
Annual Meeting
14-15 November 2019
University of Southern Maine, Portland

THURSDAY - 14 NOVEMBER 2019
0800-0830 Check in

0830 Opening of Meeting - *Mark Baumgartner*

0840 2018 North Atlantic Right Whale Report Card – *Heather Pettis*

0845 North Atlantic Right Whale Catalog update and whale naming results – *Philip Hamilton*

Entanglement and Mortality Updates

0905 North Atlantic right whale (*Eubalaena glacialis*) mortality event in the Gulf of St. Lawrence, 2019 - *Laura Bourque and Tonya Wimmer*

0925 2019 Entanglements and Serious Injury – *Scott Landry, Heather Pettis and Allison Henry*

0940 Whale release and strandings Newfoundland – Disentanglement response of North Atlantic right whale #3125. *Everett Sacrey*

0950 An update on right whale entanglement interactions: 2010-2019 *Amy Knowlton*

1005 Session Discussion

1030 **BREAK**

1100 Other efforts: Ropeless Consortium – *Michael Moore*
IAC – *Scott Kraus*

1125 MLA withdraws support for agreement reached during the April 2019 TRT meeting – *Patrice McCarron*

1135 Scientist response to MLA withdrawal - *Scott Kraus*

Population Assessments and Data Management

1145 Estimating latent mortality of North Atlantic right whales *Richard Pace*

1200 Are there fewer North Atlantic right whales than we think? *Peter Corkeron*

1215 Quantifying fitness in North Atlantic right whales - *Timothy Frasier*

Special Announcement

1230 Species in the Spotlight – *Donna Wieting*

The 2019 NARWC Annual Meeting Agenda includes speed talks, indicated by underline.

1240 Session Discussion

1310 LUNCH/BREAK OUT MEETINGS

Fisheries Interactions and Mitigation

- 1415 Evaluating the economic impacts of reducing effort in the U.S. lobster fishery to prevent North Atlantic right whale entanglements- *Hannah Myers*
- 1430 Decisions to implement spatio-temporal fisheries closures to reduce entanglement threats to whales must also consider how those closures can change the nature of a fishery- *Alexandra Cole*
- 1445 Functional breaking strength of vertical lines in the Gulf of Maine - *Erin Summers*
- 1500 An assessment of vertical line use in Gulf of Maine region fixed gear fisheries and resulting conservation benefits for the endangered North Atlantic right whale - *Nathaniel Willse*
- 1507 Fishers helping whales: inspiration, innovation and solutions for co-existing in the Gulf of St. Lawrence - *Lyne Morissette*

Vessel Interactions and Mitigation

- 1515 An assessment of seasonal speed restrictions to protect right whales from ship strikes at the port of Charleston, South Carolina - *Jon Lang*
- 1522 Protecting one endangered species at the expense of another? Evaluating the impacts of vessel speed restrictions on blue and right whales in the Gulf of St. Lawrence - *Meg Carr*

1530 Session Discussion

1600 BREAK

Management

- 1630 U.S. management efforts – *Michael Asaro*
- 1645 Canadian management efforts – *Michelle Sanders and Adam Burns*
- 1700 Fisheries and Oceans Canada: An update on research and monitoring activities for North Atlantic right whales – *Valérie Harvey and Angelia Vanderlaan*
- 1715 Estimating uncertainty in whale location following visual or acoustic detection: Implications for dynamic management of North Atlantic right whales - *Hansen Johnson*
- 1730 U.S. Navy marine Mammal Compliance and Mitigation Program in the Atlantic: A review - *Jacqueline Bort*

1737 Session/ Day 1 Discussion (Press excused)

Reception

1930 End Day 1

FRIDAY - 15 NOVEMBER 2019

0830 BUSINESS MEETING

The business meeting is open to ALL attendees. Please join us!

0930 BREAK

The 2019 NARWC Annual Meeting Agenda includes speed talks, indicated by underline.

Genetics

- 1000 Genetic and collagen examination of historic North Atlantic right whale bone specimens from the Eastern North Atlantic: insights into species history, transoceanic population structure, and genetic diversity - *Brenna Frasier*

Distribution

- 1015 An update on the population structure, residency, and movements of North Atlantic right whales in the Gulf of St. Lawrence - *Leah Crowe*
- 1030 Density surface models for the North Atlantic right whale in U.S. waters - *Jason Roberts*
- 1045 Integrating the Identification and Sightings databases with spatial capture-recapture models to estimate right whale density and movement - *Timothy Gowan*
- 1100 Predicting right whale responses to rapid oceanographic changes - *Nicholas Record*

Education, Outreach, and Conservation

- 1115 “The Calvineers Movie” - Documenting the power of conservation through education. *Thom Willey*
- 1125 Year of the Right Whale 2020 - *Cynde McInnis*
- 1132 Why don't people fall in love with right whales? *Michelle Collins*
- 1140 Weep no more whales: The inevitable extinction of the right whale - *Richard Strahan*

1147 **Session Discussion**

1230 **LUNCH/BREAK OUT MEETINGS STUDENT/RESEARCHER ROUNDTABLES**

Acoustics and Acoustic Detections

- 1415 PAM monitoring in the Gulf of Maine: 2009 vs 2019 - *Genevieve Davis*
Near real-time passive acoustic monitoring of right whales along the U.S. east coast - *Mark Baumgartner*
- 1430 Using sonobuoys and visual surveys to describe North Atlantic right whale acoustic ecology in the Gulf of St. Lawrence - *Kimberly Franklin*

Health and Physiology

- 1445 Report of the Workshop on North Atlantic Right Whale Health Assessment: June 24-26, 2019 Silver Spring, MD – *Michael Moore*
- 1500 Blubber hormones: Adding to the toolbox for physiological assessment of North Atlantic right whales - *Katherine Graham*
- 1515 Noise dosage regimens: Can physiological noise impacts on North Atlantic right whales be managed temporally? *Andrew Wright*

New Technologies/Data Collection Techniques

- 1522 Using technology to protect observers (PSO/MMO) while they protect North Atlantic right whales - *David Steckler*
- 1530 Developing a blubber-implanted satellite tag for right whales – *Paul Wade*
- 1545 Surveying right whales in the Gulf of St. Lawrence using VHR satellite imagery - *Olivia Pisano*
- 1600 From competition to collaboration: Automated identification of right whales - *Christin Khan*

1615 **Session Discussion**

1645 **Meeting wrap up**

1700 **Meeting Close**

The 2019 NARWC Annual Meeting Agenda includes speed talks, indicated by underline.