

CURRICULUM VITAE

Name: Kevin David Everard Stokesbury **College:** School for Marine Science and Technology

Title: Professor **Department:** Fisheries Oceanography

HIGHER EDUCATION

Ph.D. Université Laval, Quebec City, Quebec, 1994 (Area of specialization: Marine Ecology).

Programme d'apprentissage du français parlé et écrit. Université du Québec à Chicoutimi, 1990.

M.Sc. Acadia University, Wolfville, Nova Scotia, 1987; (Area of specialization: Marine Ecology).

B.Sc. (specialization), Acadia University, Wolfville, Nova Scotia, 1984; (Area of specialization: Marine Biology).

Grade XII: Horton District High School, Greenwich, Nova Scotia, 1980.

EXPERIENCE

a. Teaching (with Institution, rank, department)

1. University of Massachusetts Dartmouth, School for Marine Science and Technology, Department of Fisheries Oceanography, Full Professor, Chair (until Sept 2016); 09/01/2010 to present.
2. University of Massachusetts Dartmouth, School for Marine Science and Technology, Department of Fisheries Oceanography, Associate Professor, Chair; 09/01/2005 to 09/01/2010.
3. University of Massachusetts Dartmouth, School for Marine Science and Technology, Associate Professor; 09/01/2003 to 09/01/2005.
4. University of Massachusetts Dartmouth, School for Marine Science and Technology, Assistant Professor; 09/01/2000 to 09/01/2003.
5. University of Massachusetts Dartmouth, Center for Marine Science and Technology, Associate Fellow; 09/01/1998 to 09/01/2000.
6. University of Alaska – Fairbanks, Institute of Marine Science, School of Fisheries and Ocean Sciences, Adjunct Assistant Professor/co-principle investigator - SEA Herring Project; 02/25/1996 to 09/01/1998.
7. University of North Carolina at Wilmington, Center for Marine Science Research, Research Associate, EMAP (adjunct professor); 05/27/1994 to 02/25/1996.

B. Other

1. Université Laval, Quebec, Canada, Ph.D. Graduate Student. 09/01/1990 to 09/01/1994.
2. Protan Scotia Marine Canada Ltd., Lower Woods Harbour N.S. Canada, Biologist (Contract to Nova Divers, my company).
3. 11/08/1989 to 05/30/1990.
4. MONENCO Maritimes Limited, Halifax, N.S. Canada, Biologist; 08/25/1989 to 11/07/1989.
5. Fisheries and Oceans Canada, Biological Research Station, St. Andrews New Brunswick, Canada, Diving Technician, collection of lobster and scallops; 06/25/1989 to 08/24/1989.

6. Fisheries and Oceans Canada, Biological Research Station, St. Andrews New Brunswick, Canada, Invertebrate Technician, Pos. #432-9084 (EG-ESS 05); 01/04/1988 to 03/31/1988.
7. MONENCO Maritimes Limited., Halifax Nova Scotia, Canada, Biologist., 09/01/1987 to 11/15/1987.
8. Fisheries and Oceans Canada, Lower Water St. Halifax, Nova Scotia, Canada, Diving Technician.; 05/01/1987 to 08/28/1987
9. Acadia University, Wolfville, Nova Scotia, Canada, M.Sc. Graduate student; 08/31/1985 to 05/01/1987.

C. List of courses, with number of titles, taught at UMass Dartmouth ordered by semester/academic year

MAR 540: Introductory Fisheries Science: This course provides a background on the development of fisheries science and examines the theories and techniques of biology, ecology, oceanography and population dynamics presently employed. Components include fish and shellfish basic population dynamics, early life-history, recruitment, migration, growth, fishery dependent/independent surveys, alternative abundance measurement techniques, habitat considerations and introductory fisheries modeling.

MAR675: Scientific Writing: primary publications in marine science. This course focuses on writing primary publications which establishes research as scientific knowledge. We will begin by discussing the scientific method, how hypotheses are presented, ethics, and the peer-review system. We will examine the differences between primary publications and other types of literature including the graduate thesis, gray literature, and conference proceedings. Topics will include: the mechanics of scientific writing including structure, style and tenses used in each section of a primary paper, types of primary publications (technical, research, reviews), how manuscripts are published, how to select a journal, write a cover letter, and dealing with comments from editors and reviewers. The readings will focus on Fisheries-Oceanography but also include relevant papers from other fields of science. Students will be expected to develop drafts of manuscripts for publication based on their graduate research; therefore this course is for students who have advanced to the “writing” phase of their thesis research.

MAR 580: Special Topics, Fisheries Oceanography: 4 fisheries of the North Atlantic.

This course examines the physical, biological and chemical oceanography associated with the life cycle of four fisheries of the North Atlantic; the Bluefin Tuna (oceanic), River Herring (river-estuaries, and oceanic), Atlantic Cod (Sub-arctic and temperate), and Atlantic Sea Scallop (benthic). The class will examine the life history and populations dynamics of each species and how each stage of development interacts with the environment. We will then examine how the fisheries incorporates oceanographic data to harvest and manage the species leading to an ecosystem-based approach and use all this information in marketing. Learning objectives include developing an understanding of the interaction between the different life stages of the animal and oceanography from the 1cm (larval) to the 1000 of kilometer scale (adult). Understanding of different environments effecting our major fisheries including riverine, estuarine, and oceanic systems. Gathering information on these subjects and synthesizing it into an understandable story that can be communicated clearly and effectively.

MAR 580: Special Topics, Fisheries Oceanography.

I co-taught this course with Professors Dan Georgianna and Steve Cadrin. This class focused on advanced fisheries stock assessment and management problems. It focused on the issues facing the New England Fisheries Management Council's Science and Statistical committee, while my contribution focused on my role as Chair of the ICES benchmark assessment for the Nephrop's fishery; one of the largest fisheries in the European Union. Students reviewed all the documents involved with this benchmark, presented written and oral reviews of the documents and participated in a discussion concluding with advice for moving forward. The summaries, questions and conclusions of our students were so good that I used them to open the ICES meeting in Scotland (11 countries had scientific representation) to begin the actual workshop. I received very positive feedback on our students work from the participating members and Dr. Bill Turrell the director of fisheries research for Scotland.

MAR 595: Directed Studies: Case Studies in Biostatistical Analysis: This class focuses on the statistical problems associated with marine field data sets. We discussed sampling theory and design, hypotheses structure, and different parametric and nonparametric procedures to test hypotheses. In doing this we examined data sets representing different problems the students are examining for their graduate theses. This moved us into more sophisticated analyses such as nearest neighbor distributions, ANOVA's and ANCOVA's, hierarchical ANOVA's, linear regressions and circular statistics.

MAR 622: Case Studies in Fisheries Science and Management: This course utilizes a fishery management case study to explore how knowledge and methods from a variety of disciplines including oceanography, biology, ecology, mathematics and economics are used together in management of marine fisheries. This course is geared toward advanced students in living marine resources. It is designed to integrate the training students have acquired in previous classes (both from the core curriculum and the LMRCM concentration) and apply that training to a holistic study of a real-world fishery.

MAR 590-1: Science and Economics of Fisheries Management: This was an interdisciplinary course for graduate students at SMAST, in biology or a related discipline. I developed and taught this course in conjunction with Dr. Dan Holland during the spring of 2001. The course introduced students to a range of disciplinary knowledge that contributes to fisheries management. Important features of this class include:

- Integration skills and knowledge from the different disciplines that contribute to fishery management science and decision-making.
- Class discussion of papers and models
- Written weekly synthesis papers
- Student presentations of final projects

MSL F692C F01: University of Alaska Fairbanks. Scientific writing primary publications in Fisheries-Oceanography.

MLS 640: University of Alaska Fairbanks. co-lectured Fisheries-Oceanography, a full credit graduate course at UAF, with Dr. Norcross using "Dynamics of Marine Ecosystems" by Mann and Lazier as the primary text

Presently developing an undergraduate classes Fisheries Oceanography at the 300 level.

D. List of Graduate Students

I presently supervise one PhD and six graduate students.

MY GRADUATE STUDENT'S THESIS:

1. Zygmunt, A. Using baseline data from a Before-After-Control-Impact (BACI) analysis of American lobster (*Homarus americanus*) and Jonah crab (*Cancer borealis*) to explain relative abundance and size structure in offshore southern New England (SNE). 1 June 2021.
2. Goulet, M. Resiliency of Marine Benthic Communities in Sea Scallop Rotational Management Areas on Georges Bank. Msc thesis. 1 May 2020.
3. Horton, L. Epibenthic Response to 20+ years Without Fishing in a Closed Area on Georges Bank. Non-Thesis Msc thesis. 7 May 2020.
4. Lego, C. A. Examining small-scale spatial dynamics of sea stars, *Asteria* spp. And Atlantic sea scallop, *Placopecten magellanicus*, in the Nantucket Lightship Closed Area. Msc thesis. 14 Feb 2020.
5. Kretsch, A. Surfclam survey strategies. Non-Thesis Msc thesis. 26 November 2018.
6. Calabrese, N.M. A video trawl survey for Atlantic cod (*Gadus morhua*) in New England. M.Sc. thesis. 14 May 2018.
7. Lowery, T. Research paper: Yellowtail video trawl surveys overview. Non-Thesis M.Sc. thesis. 27 February 2018.
8. Cassidy, K.S. Decline of American lobster, *Homarus americanus*, abundance in Buzzards Bay, Massachusetts, USA between 2005-2006 and 2013-2014. M.Sc. thesis. 20 February 2018.
9. Rosellon-Druker, J. Describing echinoderm (Echinodermata) populations on Georges Bank and evaluating direct and indirect effects of marine protected areas on these populations **Ph.D thesis**. 16 November 2016.
10. Shirodkar, R.S. Visualization and map tracking for SMAST video trawl survey system data. CIS-600 Master's project. 16 May 2016 co-hosted with Dr. Ramprasad Balasubramanian.
11. Asci, S.C. Estimating similarity in benthic communities of open and closed areas in the central Gulf of Maine, focusing on sea scallop mortality. M.Sc. thesis. 20 May 2016.
12. Levesque, M.M. Mortality assessment of Atlantic sea scallops, *Placopecten magellanicus*, from gray meat disease. M.Sc. thesis. 26 May 2016.
13. Malloy, R. Jr. Comparing sea scallop (*Placopecten magellanicus*) abundance and substrate results between optical and dredge methods. M.Sc. thesis. 31 May 2016.
14. Adams, E.K. Measuring the performance of the northeastern United States research set aside programs. M.Sc. thesis. January 2015.
15. O'Keefe, C. E. An incentive-based, collaborative approach to maximize yield by avoiding yellowtail flounder bycatch in the US sea scallop fishery. **Ph.D thesis**. Septemeber 2013.
16. Bethoney, David N. River herring and American shad at-sea distribution and bycatch in the U.S. Atlantic mid-water trawl fisheries. **Ph.D thesis**. August 2013.
17. Katherine J. Thompson. The Atlantic Sea Scallop (*Placopecten magellanicus*) reproductive cycle in closed areas I and II on Georges Bank. M.Sc. thesis. May 2013
18. Carey, J. D. Physical and biological influences on juvenile sea scallop (*Placopecten magellanicus*) distribution on Georges Bank and the mid-Atlantic bight. M.Sc. thesis: September 2011.

19. Mott, C. L. Examining variation in sea scallop shell growth and environmental conditions across Georges Bank and the mid-Atlantic. M.Sc. thesis: May 2011.
20. Harris, B. P. Habitat conditions in persistent high-concentration sea scallop (*Placopecten magellanicus*) aggregations on Georges Bank, USA. **Ph.D thesis**. May 2011.
21. Bethoney, David N. Association between diet and epizootic shell disease in the American lobster (*Homarus americanus*) around western Martha's Vineyard. Msc thesis: May 2010.
22. Bachman, M.S. Determinants of yellowtail flounder bycatch in the closed area II scallop access fisheries on Georges Bank. M.Sc. thesis: May 2009
23. Sarro, C. Spatial and Temporal Variation in the shell height/meat weight Relationship of the sea scallop (*Placopecten magellanicus*) in the Georges Bank fishery. M.Sc. thesis: 21st January 2009.
24. MacDonald, Alyssa. Skate Distribution and Abundance in the Northwestern Atlantic Ocean, Date of M.Sc. Thesis Defense: 20th May 2008.
25. Courchene, Brent M. Comparison of commercial vented and ventless trap catches of American lobster to scuba surveys Date of M.Sc. Thesis Defense: 29th April 2008.
26. Nogueira, J.I. An examination of recruitment processes and population dynamics of sea scallops (*Placopecten magellanicus*) in the northwest Atlantic. Date of M.Sc. Thesis Defense: 5th September 2006.
27. Marino, M.C. II. Examination of sea star, *Asterias* spp., - sea scallop, *Placopecten magellanicus*, predator-prey interactions on Georges Bank. Date of M.Sc. Thesis Defense: 4th August 2006.
28. Harris, B. P. Spatially-specific shell growth of sea scallops, *Placopecten magellanicus*, in Georges Bank and Mid-Atlantic waters, Date of M.Sc. Thesis Defense: 18 November 2005.

I have served on 31 graduate committees, including; Bob Foy (PhD UAF), Heather Spence (MS, Biology), Srdan Randic (MS, Biology), Mary Radlinski (MS DEOS), Sarah Pautzke (MS UMASS Amherst), Adrienne Pappal (MS DEOS), Joe Iafrate (MS, Biology), Fiona Hogan (MS SMS), Chris Pease (MS DEOS), Song Hu (PhD, DFO), Dustin Diedricksen (MS, Harvard), Zhigang Lai (PhD, DFO), Val Hall (PhD, DFO), Jon Loehrke (MS, DFO), Talia Bigelow (MS, DFO), Tiffany Vidal (MS DFO), Jess Melgey (MS, DFO), Adam Barkley (MS, DFO), Peter Milligan (MS DFO), Mike Savaria (MS, Biology), Graig O'Connel (PhD, DFO), Chang Liu (MS DFO), Madeleine Nadeau (PhD, Université du Québec à Rimouski), Nataline Jones (MS, DFO), Peter Milligan (PhD, DFO), Tania Mendo Aguilar (PhD, University of Tasmania), Christian Petitpas (PhD, DFO), Stephanie Thompson (PhD, DFO), Skylar Bayer (PhD, University of Maine), Brooke Wright (MS, DFO), Danni Harper (MS, Acadia University), Louise Cameron (PhD Northeastern University), Farrell Davis (MS, DFO), Mike Coute, (MS, DFO), Zachary Towne (MS, Biology) Chris Rillahan (PhD, DFO), Lu Wang (PhD, DFO).

ACADEMIC AND PROFESSIONAL HONORS

I was the Chair of the Department of Fisheries Oceanography (2005 to 2016) and am the research director of the Marine Fisheries Institute. The Department included approximately 50 faculty, Research Associates, technicians, and students.

My research at SMAST has made a major contribution to the scientific community. I have actively developed a world class research program examining the sea scallops of Georges Bank and the Mid-Atlantic. This research is expanding to examine American lobsters, Multispecies groundfish, marine habitat, and offshore Windfarm impacts. It requires extensive near and offshore sea time.

AWARDS AND HONORS:

- 2021 - Elected Vice-President of the National Shellfisheries Association by membership. 15 March 2021.
- 2021 - Appointed to The National Academies of Sciences, Engineering, and Medicine committee for “Assessment and Advancement of Science in the Bureau of Ocean Energy Management's Environmental Studies Program” 5 February 2021.
- 2018 - The Standard-Times’ South Coast Man of the Year for 2018, For his two decades of science in the public interest, and the connections he has made between fishermen and science.
- 2018 - Service Award – ICES (International council for the Exploration of the Sea). Recognition for service as Chair of the Scallop Assessment Working Group (WGScallop) from 1 January 2013 to 31 December 2018.
- 2017 - Appointed to The National Academies of Sciences, Engineering, and Medicine steering committee for “Fisheries Research and Monitoring for Atlantic Offshore Development – A Workshop.” 22 May 2017.
- 2013 - “The Scholar of the Year” award presented by the UMASS Faculty Federation at the University of Massachusetts Dartmouth, 4 December 2013.
- 2013. - The David H. Wallace Award from the National Shellfish Association. This award is given to individuals whose activities in shellfisheries, aquaculture and conservation have promoted understanding, knowledge, and cooperation among industry members, the academic community, and government, as exemplified by Mr. David H. Wallace during his lifetime. Recipients receive a plaque and lifetime membership in the Association. Nashville, 23 February 2013.
- 2013 - Marine Fisheries Field Research Group have been selected as this year's winner of the Outstanding Organization Award from the Southern New England Chapter (SNEC) of the American Fisheries Society. The Outstanding Organization Award recognizes academic, governmental, private, or tribal organizations and units for their current or historic advances in the stewardship of aquatic ecosystems, advancement of fisheries science, or service to the profession. 7 May 2013 (received email).
- 2009 - Service Award – ICES (International council for the Exploration of the Sea). Recognition for service as Chair of the Benchmark Workshop on Nephrops (WKNEPH) in 2009. (10 December 2009).
- 2008 - “Friend of the Fishing Industry” Port of New Bedford. Awarded during the Blessing of the Fleet Ceremony at the New Bedford Working Waterfront Festival, sponsored by the Offshore Mariners Wives Association, presented by Jim Kendall of New Bedford Seafood Consulting. 28 September 2008; published in the 110th Congressional Record by the Honorable Barney Frank, Washington DC, 9 December 2008.
- 2004 - Dr. David L. Belding Award for marine resource conservation; awarded by the Massachusetts Marine Fisheries Advisory Commission to the individual who has done the most to promote the conservation and sustainable use of the Commonwealth’s marine resource.
- 2004-2005 Chancellor’s Colloquium Series; selected by the University of Massachusetts Dartmouth campus community to highlight intellectual and creative achievements of the faculty, presentation 4 May 2005.
- 2002- President’s Award for Public Service, awarded by the President of the University of Massachusetts (President William M. Bulger) for “outreach and scientific work, involving both

students and fishermen, that led to the re-opening of the scallop beds on Georges Bank and enabled an additional \$55 million of catch in 1999-2000.”

GRADUATE STUDENT AWARDS:

- 2021 – Amanda Meli. scholarship from the Barnstable Association for Recreational Shellfishing (\$1000). 4 May 2021.
- 2017-18 Calabrese, N.M. Rothschild Scholarship Excellence Award. School of Marine Science and Technology, University of Massachusetts Dartmouth. Received 4 May 2018.
- 2016 Levesque, M.M., S.D. Inglis, S.E. Shumway, and K.D.E. Stokesbury. 2016. Mortality Assessment of Atlantic Sea Scallops (*Placopecten magellanicus*) from Gray Meat Disease. *J. Shellfish Res.* 35:295-305. **National Shellfisheries Association Shumway Best Student Paper Award** (received 11 May 2018).
- 2015 Rosellon-Druker, J.M. AIFRB (American Institute of Fishery Research Biologists) Clark Hubbs student research award for excellence in doctoral research. July, 2015.
- 2012 Thompson, K, S. Inglis and K.D.E. Stokesbury. 2012. Identifying Spawning Events of the Sea Scallop, *P. magellanicus*, on Georges Bank (2011-2012). 104th National Shellfisheries, Seattle, WA (March 25-29, 2012) **Gordon Gunter Award for best poster presentation**
- 2011 Carey, J.D. and K.D.E. Stokesbury Investigating juvenile sea scallop *Placopecten magellanicus* abundance and distribution. International Pectinid Workshop April 20-26, 2011, Qingdao, China (**Alan Ansell Memorial Award for Best Student Presentation**)
- 2009 O’Keefe, C.E. and K.D.E. Stokesbury. From Bust to Boom: The success of industry collaboration in US sea scallop research. ICES Annual Science Conference. 23 September 2009. (**Best Paper Award**).
- 2005 Harris, Bradley P. and Kevin D. E. Stokesbury. Mapping Benthic Substrate and Macroinvertebrates along the Northwest Atlantic Ocean Continental Shelf with Underwater Video Surveys. Section: Habitat and Water Quality: Habitat and Restoration, 135th Annual Meeting American Fisheries Society, Anchorage, AK, 11 – 15 September 2005. (**Best use of Technology in a poster**).
- 2003 Harris, B.P., and K.D.E. Stokesbury. Growth estimate for sea scallops in the Nantucket Lightship Closed Area of Georges Bank. Southern New England Chapter of the American Fisheries Society, 14 January, 2003. (**Best Student Paper Award**).

PUBLICATIONS:

1. Chen, C., L. Zhao, S. Gallager, R. Ji, P. He, C. Davis, R. C. Beardsley, D. Hart, W. C. Gentlemen, L. Wang, S. Li, H. Lin, K. Stokesbury, and N. D. Bethoney, 2020. Impact of Larval Behaviors on Dispersal and Connectivity of Sea Scallop Larvae over the Northeast U.S. Shelf. In press 6 May 2021 to *Progress in Oceanography*.
2. Christie, A.P., Abecasis, D., Adjeroud, M. et al. Quantifying and addressing the prevalence and bias of study designs in the environmental and social sciences. *Nat Commun* 11, 6377 (2020). <https://doi.org/10.1038/s41467-020-20142-y>
3. Harper, D. L., Bethoney, N. D., Stokesbury, K. D. E., Lundy, M., McLean, M. F., Stokesbury, M. J. W. 2020. Standard methods for the collection of morphometric data for a commercially fished sea cucumber (*Cucumaria frondosa*) in eastern Canada. *Journal of Shellfish Research*. 39: 481-489.

4. Stokesbury, K.D.E., and N.D Bethoney. 2020 How many sea scallops are there and why does it matter? *Frontiers in Ecology and the Environment*. doi.org/10.1002/fee.2244
5. Stokesbury, K.D.E., N.M. Calabrese, and T.M. Lowery. 2019. Windowpane Flounder seasonal distribution and survey availability on the southern portion of Georges Bank, USA *Mar. Coast. Fish.* 11:353-361.
6. Bethoney, N. D., C. Cleaver, S. C. Ascì, S. R. Bayer, R. A. Whale, and K.D.E., Stokesbury. 2019. A comparison of drop camera and diver survey methods to monitor Atlantic sea scallops (*Placopecten magellanicus*) in a small fishery closure. *J. Shell. Res.*38:43-51.
7. Stokesbury, K.D.E., N.D Bethoney, D. Georgianna, S. Inglis, and, E.F. Keiley. 2019. Convergence of a disease and litigation leading to increased scallop discard mortality and economic loss in the Georges Bank, USA fishery. *N. Am. J. Fish. Manage.* 39:1-8. (<https://doi.org/10.1002/nafm.10268>)
8. Rosellon-Druker J., and K.D.E. Stokesbury. 2019. Characterization and quantification of echinoderms (Echinodermata) on Georges Bank and the potential role of marine protected areas on these populations. *Invert Biol.* 00:1-17. (<https://doi.org/10.1111/ivb.12243>).
9. Bethoney, N. D. and K.D.E., Stokesbury. 2019. Implications of extremely high recruitment: crowding and reduced growth within spatial closures. *Mar. Ecol. Prog. Ser.* 611:157-165.
10. Bethoney, N. D. and K.D.E., Stokesbury. 2018. Methods for image-based surveys of benthic macroinvertebrates and their habitat exemplified by the drop camera survey of the Atlantic sea scallop. *JoVES*, 137: 1-10; DOI: doi:10.3791/57493.
11. Bayer, S.R., R.A. Wahle, D.C. Brady, P.A., Jumars, K.D.E., Stokesbury, and J.D. Carey. 2018. Fertilization dynamics in scallop aggregations: reconciling model predictions and field measurements of density effects. *Ecospheres*, 9(8): e02359. 10.1002/ecs2.2359.
12. Harris, B.P., C.F. Adams, and K.D.E. Stokesbury. 2018. Persistent high-concentration sea scallop (*Placopecten magellanicus*) aggregations on Georges Bank. *Ecospheres* 9(3) e02133.
13. Ascì, S.C., R.W. Langton, and K.D.E. Stokesbury. 2018. Estimating similarity in benthic communities over decades and in areas open and closed to fishing in the central Gulf of Maine. *Mar. Ecol. Prog. Ser.* 595: 15-26.
14. Stokesbury, K.D.E., S.X. Cadrin, N.M. Calabrese, E.F. Keiley, T.M. Lowery, B.J. Rothschild, and G.R DeCelles. 2017. A new sampling system for New England groundfish using video technology. *Fisheries.* 42: 432-439.
15. Bethoney N.D., Zhao L., Chen C., Stokesbury K.D.E. 2017. Identification of persistent benthic assemblages in areas with different temperature variability patterns through broad-scale mapping. *PLOS ONE* 12 (5): e0177333 (<https://doi.org/10.1371/journal.pone.0177333>).
16. DeCelles, G.R., E.F. Keiley, T.M. Lowery, N.M. Calabrese, and K.D.E. Stokesbury. 2017 Development of a Video Trawl Survey System for New England Groundfish. *Trans. Am. Fish. Soc.* 146:3 462-477.
17. Inglis, S.D., Á. Kristmundsson, M. Freeman, M. Levesque and K.D.E. Stokesbury. 2016. Gray meat in the Atlantic sea scallop, *Placopecten magellanicus*, and the identification of a known pathogenic scallop apicomplexan. *J. Invertebr. Pathol.* 141:66-75.
18. Levesque, M.M., S.D. Inglis, S.E. Shumway, and K.D.E. Stokesbury. 2016. Mortality Assessment of Atlantic Sea Scallops (*Placopecten magellanicus*) from Gray Meat Disease. *J. Shellfish Res.* 35:295-305.
19. Bethoney N.D., S.C. Ascì, and K.D.E. Stokesbury. 2016. Implications of extremely high recruitment events into the US sea scallop fishery. *Mar. Ecol. Prog. Ser.* 547:137-147.

20. Liu, C., G.W. Cowles, J.H. Churchill, K.D.E. Stokesbury. 2015. Connectivity of bay scallop (*Argopecten irradians*) in Buzzards Bay, Massachusetts, USA. *Fisheries Oceanography* 24:4, 364-382.
21. Bethoney N.D, K.D.E. Stokesbury, B.P. Schondelmeier, W.S. Hoffman, and M. Armstrong. 2014. Characterization of river herring bycatch in the Northwest Atlantic mid-water trawl fishery. *N. Am. J. Fish. Manage.* 34: 828-838.
22. Stokesbury, K.D.E., M. J. W. Stokesbury, M. T. Balazik and M. J. Dadswell, 2014. Use of the SAFE Index to Evaluate the Status of a Summer Aggregation of Atlantic Sturgeon in Minas Basin, Canada and the Implication of the Index for the USA Endangered Species Designation of Atlantic and Shortnose Sturgeons. *Rev. Fish. Sci.* 22:193-206.
23. Thompson, K. J., S. D. Inglis, and K. D. E. Stokesbury. 2014. Identifying Spawning Events of the Sea Scallop, *Placopecten magellanicus*, on Georges Bank. *J. Shellfish. Res.* 33: 1-11.
24. Carey, J.D. R. A. Wahle, and K.D.E. Stokesbury. 2013. Spatial scaling of juvenile-adult associations in Northwest Atlantic sea scallop *Placopecten magellanicus* populations. *Mar. Ecol. Prog. Ser.* 493: 185-194
25. O'Keefe, C.E., S.X. Cadrin and K.D.E. Stokesbury. 2014. Evaluating effectiveness of time/area closures, quotas/caps and fleet communications to reduce fisheries bycatch. *ICES Journal of Marine Science* 71(5): 1286-1297.
26. Bethoney ND, K.D.E. Stokesbury, S.X. Cadrin. 2013. Environmental links to alosine at-sea distribution and bycatch in the northwest Atlantic mid-water trawl fishery. *ICES J Mar Sci* . doi: 10.1093/icesjms/fst013
27. Bethoney ND, B. P. Schondelmeier, K.D.E. Stokesbury, W.S. Hoffman. 2013. Developing a fine scale system to address river herring (*Alosa pseudoharengus*, *A. aestivalis*) and American shad (*A. sapidissima*) bycatch in the U.S. northwest Atlantic mid-water trawl fishery. *Fisheries Research* 141:79-87.
28. Harris, B.P., G.W. Cowles and K.D.E. Stokesbury. 2012. Surficial sediment stability on Georges Bank in the Great South Channel and on eastern Nantucket Shoals. *Cont. Shelf Res.* 49: 65-72.
29. Stokesbury, K.D.E. 2012. Stock definition and recruitment: Implications for the US sea scallop (*Placopecten magellanicus*) fishery from 2003 to 2011. *Rev. Fish. Sci.* 20:154-164.
30. Stokesbury, K.D.E., J.D. Carey, B.P. Harris, and C.E. O'Keefe. 2011. Discard mortality played a major role in the loss of 10 billion juvenile scallops in the Mid-Atlantic Bight: Reply to Hart and Shank (2011). *Mar. Ecol. Prog. Ser.* 443:299-302.
31. Carey, J.D. and K.D.E. Stokesbury. 2011. An assessment of juvenile and adult sea scallop, *Placopecten magellanicus*, distribution in the northwest Atlantic using high-resolution still imagery. *J. Shellfish. Res.* 30:1-14.
32. Courchene, B. and K.D.E. Stokesbury. 2011 Comparison of vented and ventless trap catches of American lobster to SCUBA. *J. Shellfish. Res.* 30:389-401.
33. Bethoney, N.D., K.D.E. Stokesbury, B.G. Stevens, and M.A. Altabet. 2011. Association between diet and epizootic shell disease in the American lobster (*Homarus Americanus*) around western Martha's Vineyard using ^{15}N signatures. *Dis Aquat Org* 95:1-8.
34. Stokesbury, K.D.E., J.D. Carey, B.P. Harris, and C.E. O'Keefe. 2011. Incidental fishing mortality may be responsible for the death of ten billion juvenile sea scallops in the Mid Atlantic. *Mar. Ecol. Prog. Ser.* 425:167-173.
35. Adams C.F., B.P. Harris, M.C. Marino II and K.D.E. Stokesbury. 2010. Quantifying sea scallop bed diameter on Georges Bank with geostatistics. *Fish Res.* 106:460-467.
36. Harris, B.P. and K.D.E. Stokesbury. 2010. The spatial structure of local surficial sediment

- characteristics on Georges Bank, USA. *Cont. Shelf Res.* 30:1840-1853.
37. Truong, T.H., F. Azadivar and K.D.E. Stokesbury. 2010. An application of simulation modeling and optimization in fisheries management. *Int. J. Mod. Sim.* 30: 361-370.
 38. Stokesbury, K.D.E., J.D. Carey, B.P. Harris, and C.E. O'Keefe. 2010. High juvenile sea scallop (*Placopecten magellanicus*) densities on Banks and Ledges in the Central Gulf of Maine. *J. Shellfish. Res.* 29:369-372.
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BOOK CHAPTERS (PEER-REVIEWED):

1. Stokesbury, K.D.E., C.E. O’Keefe, and B.P. Harris. 2016. Fisheries Sea Scallop, *Placopecten magellanicus*. In S. E. Shumway and G.J. Parsons, editors. *Scallops: biology, ecology and aquaculture*. Amsterdam: Elsevier. Pp719-732.
2. O’Keefe, C.E., and K.D.E. Stokesbury. 2015 Best Practices in Fisheries Management: US Sea Scallop Fishery. *FAO – Successful fisheries case studies*. Eds. R. Hilborn. Food and Agriculture Organization of the United Nations. Rome.
3. Stokesbury, K.D.E., E. P. Baker B. P. Harris, and R. B. Rheault. 2011 Environmental Impacts Related to Mechanical Harvest of Cultured Shellfish. *In: S. Shumway ed. Shellfish Aquaculture and the Environment*. Wiley-Blackwell. Pp 247 – 263.
4. Stokesbury, K.D.E., B. P. Harris, M. C. Marino II. And C. E. O’Keefe. 2010. Using technology to forward fisheries science: the sea scallop example. *In: Species Management: Challenges and Solutions for the 21st Century* (ed) John Baxter. Scottish Natural Heritage Conference October 2008, Edinburgh. Pp. 435-446
5. Stokesbury, K.D.E., B. P. Harris, M. C. Marino II. 2009. Astonishment, stupefaction, and a naturalist’s approach to ecosystem-based fisheries studies. *In The Future of Fisheries Science*. (eds) B.J. Rothschild and R. Beamish. Springer.

TESTIMONY FOR CONGRESSIONAL HEARINGS AND MEETINGS:

1. Stokesbury, K.D.E. Windfarms and Fisheries on the North East Continental shelf of North America: a regional scientific framework. Meeting with the acting secretary of the Interior Department David Bernhardt. Washington DC, 13th February 2019.
2. Stokesbury, K.D.E. The New England Offshore Fisheries Resource and the Risk of Offshore Drilling. Senator Ed Markey’s Panel on Offshore Drilling. New England Aquarium, Boston, USA. 24 February 2018.
3. Stokesbury, K. D. E. Fishery data collection, the example of the New Bedford scallop fishery. Magnuson-Stevens Reauthorization Listening Session Hosted by Senator Elizabeth Warren & Senator Mark Begich (Alaska – Chairman of the Senate Subcommittee on Oceans, Atmosphere, Fisheries, and Coast Guard). Massachusetts State House, 24 Beacon St Boston, MA. Friday, 4 October 2013
4. Stokesbury, K. D. E. Fishery data collection, the example of the New Bedford scallop fishery. House Natural Resources Committee’s Subcommittee on Fisheries, Wildlife, Oceans, and Insular Affairs to discuss data collection issues relevant to fisheries management under the Magnuson-Stevens Act; invited by Rep. Ed Markey (D–Mass.) the top Democrat on the Natural Resources Committee and dean of the Massachusetts Congressional Delegation. 21 May 2013.

5. Stokesbury, K. D. E. et al Groundfish overfishing Issues. New Bedford Mayor's Ocean and Fisheries Meeting, Washington DC 15 April 2011 (In attendance 6 senators including Sen Kerry, and Sen Brown, and Congressman B. Frank).

PUBLISHED WORKSHOPS:

1. ICES. 2021. Workshop on Socio-economic Implications of Offshore Wind on Fishing Communities (WKSEIOWFC). ICES Scientific Reports. 3:44. 33 pp. <https://doi.org/10.17895/ices.pub.8115>
2. ICES. 2020. Scallop Assessment Working Group (WGSCALLOP). ICES Scientific Reports. 2:111. 57 pp. <http://doi.org/10.17895/ices.pub.7626>
3. ICES Interim-report of the Scallop Assessment Working Group (WGScallop), chaired by L Blackadder. Virtual meeting. ICES Scientific Reports. 2:111. 57 pp. <http://doi.org/10.17895/ices.pub.7626> 5th to 9th October 2020.
4. ICES Interim-report Working Group on Offshore Wind Development & Fisheries (WGOWDF) chaired by A Lipsky, A. Gill, and A. Gimpel, online using WebEx, up to 37 remote participants, 27-29 April 2020.
5. ICES Report of the Scallop Assessment Working Group (WGScallop), chaired by L Blackadder. ICES Scientific Reports. 1:90. 31 pp. <http://doi.org/10.17895/ices.pub.5743>
6. Cardin, S., K.D.E. Stokesbury, and A. Zygmunt. Recommendations and planning pre- and post-construction assessments of fisheries in the Vineyard Wind offshore wind lease area. 26 March 2019 (available on the NEFMC website April 2019 meeting (<https://www.nefmc.org/library/april-2019-offshore-wind-in-the-northeast-region-special-session>))
7. ICES Report of the Scallop Assessment Working Group (WGScallop), chaired by Kevin Stokesbury, USA (3-year fill report and review), York University. 10-12 October 2018. pp.54 (<http://www.ices.dk/WGScallop>).
8. NOAA/Stellwagen Bank National Marine Sanctuary, Condition Report workshop, Scituate, MA. 23 January 2018. Review panel member.
9. National Academies of Sciences, Engineering, and Medicine steering committee and panel moderator for "Fisheries Research and Monitoring for Atlantic Offshore Development – A Workshop" Proceedings. April 2018.
10. ICES Scallop Assessment Working Group (WGScallop) Annual report, chaired by Kevin Stokesbury, USA, Belfast, Northern Ireland. 10-12 October 2017. (<http://www.ices.dk/community/groups/Pages/WGScallop.aspx>).
11. The 21st International Pectinid Workshop 2017; chaired by K.D.E. Stokesbury, S. Shumway, and J. Parsons. Portland Maine, 19th – 25th April 2017. (<http://www.ipw2017.com/>)
12. ICES Scallop Assessment Working Group (WGScallop) Annual report, chaired by Kevin Stokesbury, USA, Aberdeen Scotland. 3-7 October 2016. (<http://www.ices.dk/community/groups/Pages/WGScallop.aspx>).
13. ICES Scallop Assessment Working Group (WGScallop), chaired by Kevin Stokesbury, USA (3 year fill report and review), Jersey Islands. 5-9 October. pp.41 (<http://www.ices.dk/community/groups/Pages/WGScallop>).
14. NOAA-NEFSC Review of sea scallop survey methodologies and their integration for stock assessment and fishery management. K.D.E. Stokesbury et al. SMAST sea scallop

- (*Placopecten magellanicus*) drop camera survey from 1999 to 2014. 17019 March 2015, New Bedford, Mass. pp 34.
15. ICES Scallop Assessment Working Group (WGScallop), chaired by Kevin Stokesbury, USA (3 year appointment), second meeting held in Nantes, France 6–10 September 2014. pp.30
 16. Stokesbury, K.D.E. 2014. Video Survey Pyramid system. In Underwater imaging workshop. Editors R. Langton and P. Rowe. SeaGrant and NOAA. Red Bank, NJ. 14-15 January 2014. pp. 36
 17. ICES Scallop Assessment Working Group (WGScallop), chaired by Kevin Stokesbury, USA (3 year appointment), first meeting held in Galway 2–5 September 2013. pp. 84
 18. ICES Benchmark Workshop on *Nephrops* assessment, chaired by Kevin Stokesbury, USA, Aberdeen, Scotland from the 2–6 March 2009. ICES report. 10 Jun 2009
 19. Cooperative Fisheries Science Forum I; Scallops. 2-3 May 2002. Convened by Paul Diodati, Paul Howard, Brian Rothschild, and Michael Sissenwine. Organized and Report prepared by Kevin Stokesbury, SMAST publication #1.
 20. Alaska Department of Fish and Game and University of Alaska Fairbanks. 2000. A workshop examining potential fishing effects on population dynamics and benthic community structure of scallops with emphasis on the weathervane scallop *Patinopecten caurinus* in Alaskan waters. Alaska Department of Fish and Game, Division of Commercial Fisheries, Special Publication 14, Juneau.

SUBMITTED AND FUNDED PROPOSALS, AND SCOPE OF SERVICE DOCUMENTS:

The sea scallop fishing Industry has heavily supported our research with donated funds, food, fuel and resources; donations range from \$250,000 to \$500,000 annually. In addition to the funds from industry, a table and list of my grants from the University records are presented below, the total amount is \$39.8 million.

Project	Title	Years	PI Name	Co-PI Name	Total
S80052530001000	Examination of Population Biology and Dynamics of the Sea Scallop, Placopecten M	2000	Stokesbury, Kevin D.E.		\$40,780
S80052532801000	Examination of Population Biology and Dynamics of the Sea Scallop, Placopecten M	2000	Stokesbury, Kevin D.E.		\$22,924
DCV000000301020	Examination of population biology and dynamics of the sea scallop, Placopecten magellanicus, res	2002	Rothschild, Brian J	Stokesbury, Kevin D.E.	\$180,000
DCVS17152572403	Sea Scallops III	2002	Stokesbury, Kevin D.E.		\$60,158
S17152580003000	Examination of sea scallop-starfish predator-prey interactions on Georges Bank	2002	Stokesbury, Kevin D.E.		\$57,843
S30052541502000	Examination of population biology and dynamics of the sea scallop, Placopecten ma	2002	Rothschild, Brian J	Stokesbury, Kevin D.E.	\$200,000
S17152600404000	Comparison of habitats supporting high and low sea scallop, Placopecten magellani	2003	Stokesbury, Kevin D.E.		\$54,067
S17152603204000	Video examination of the continuing change in habitats within the closed areas of	2003	Stokesbury, Kevin D.E.		\$99,910
S17152606804000	Innovative and Practical Fisheries Management Application	2003	Rothschild, Brian J	Stokesbury, Kevin D.E.	\$494,200
S30052590204000	FY 04: Examination of population and dynamics of the sea scallop, Placopecten mag	2003	Rothschild, Brian J	Stokesbury, Kevin D.E.	\$147,900
S17152623405000	New England Multispecies Survey (SMAST)	2004	Rothschild, Brian J	Stokesbury, Kevin D.E.	\$2,858,695
S17152623605000	Scallop Fishery Assessment (MFI)	2004	Rothschild, Brian J	Stokesbury, Kevin D.E.	\$1,904,000
S17152628805000	Examining the effect of the 2004 pulse fishing event on the Georges Bank closed a	2004	Stokesbury, Kevin D.E.		\$200,460
S17152629005000	Development of an interactive video map detailing the Georges Bank and Mid-Atlant	2004	Stokesbury, Kevin D.E.		\$64,140
S17052644806000	Scallop Fishery Assessment	2005	Rothschild, Brian J	Stokesbury, Kevin D.E.	\$1,856,371
S17052645006000	New England Multispecies Survey	2005	Rothschild, Brian J	Stokesbury, Kevin D.E.	\$2,940,444
S17152645206000	Multistage centric systematic video survey design verification	2005	Stokesbury, Kevin D.E.		\$91,003
S17152646006000	Examination of benthic substrates and macroinvertebrate distributions in the west	2005	Stokesbury, Kevin D.E.		\$181,093
S17152660407000	New England Multispecies Survey 2007	2006	Stokesbury, Kevin D.E.	Rothschild, Brian J	\$2,938,135
S17152664407000	Scallop Fishery Assessment	2006	Stokesbury, Kevin D.E.	Rothschild, Brian J	\$1,754,646
S17152664807000	Examination of benthic substrates and macroinvertebrate distributions on the Norht	2006	Stokesbury, Kevin D.E.		\$219,236
S17152665207000	High-resolution video survey of the habitat & sea scallop resource in teh Elephan	2006	Stokesbury, Kevin D.E.		\$188,004
S31000000005814	Mark-Recapture Analysis of American Lobster in Rhode Island Sound	2007	Stokesbury, Kevin D.E.		\$33,224
S31000000006162	Southern New England Study-Fleet	2007	Stokesbury, Kevin D.E.		\$48,224
S31000000006163	Tilefish Study-Fleet	2007	Stokesbury, Kevin D.E.		\$36,224
S31710000002231	High-resolution video survey of the habitat and sea scallop resource In the Eleph	2007	Stokesbury, Kevin D.E.		\$356,184
S31710000005811	Ecosystem Science and Management of New England Multispecies Fisheries	2007	Stokesbury, Kevin D.E.		\$405,425
S37000000006917	Firth of Lorn Research Project Steering Group	2007	Stokesbury, Kevin D.E.		\$55,560
S37000000007979	Environmental Effects on Squid Distribution in Nantucket Sound at Multiple Spatio	2007	Stokesbury, Kevin D.E.		\$3,643
S32000000009021	Scallop Fishery Assessment (Massachusetts Marine Fisheries Institute)	2008	Stokesbury, Kevin D.E.		\$1,593,303
S32000000009036	New England Multispecies Survey (Massachusetts Marine Fisheries Institute)	2008	Stokesbury, Kevin D.E.		\$2,340,955
S33000000008778	DMF ISA Student Worker	2008	Stokesbury, Kevin D.E.		\$20,000
S33000000010186	DMF Research Technician Program	2008	Stokesbury, Kevin D.E.		\$52,473
S31710000010014	High-resolution Video Survey of the Sea Scallop Resource, Recruitment Patterns	2009	Stokesbury, Kevin D.E.		\$110,858
S31710000010229	Monkfish Research Set Aside - Age Validation	2009	Stokesbury, Kevin D.E.		\$55,794
S31710000010831	Discard Mortality Estimation of the Southern NE Flatfish Complex using RAMP metho	2009	Stokesbury, Kevin D.E.		\$75,529
S31710000011362	Marine Mammal Consumption in the Northeast US	2009	Stokesbury, Kevin D.E.		\$47,000
S31710000011560	Evaluation of Northwest Atlantic Ocean Continental Shelf Substrates	2009	Stokesbury, Kevin D.E.		\$113,352
S31710000012343	Scallop Fishery Assessment (Massachusetts Marine Fisheries Institute)	2009	Stokesbury, Kevin D.E.		\$999,000
S31710000012344	New England Multispecies Survey (Massachusetts Marine Fisheries Institute)	2009	Stokesbury, Kevin D.E.		\$2,997,000
S33000000012766	DMF Admin Environmental Review Worker	2009	Stokesbury, Kevin D.E.		\$20,000
S33000000012768	DMF Storage Space Lease	2009	Stokesbury, Kevin D.E.		\$11,250
S31530000014054	River Herring Bycatch Avoidance in Small Mesh Fisheries	2010	Stokesbury, Kevin D.E.		\$305,640
S31710000013328	High-resolution Video Survey of the Sea Scallop Resource, Recruitment Patterns	2010	Stokesbury, Kevin D.E.		\$140,500
S31710000013329	Tracking a Large Sea Scallop Recruitment Event with High-Resolution Video Survey	2010	Stokesbury, Kevin D.E.		\$103,360
S31710000014962	Scallop Fishery Assessment (Massachusetts Marine Fisheries Institute)	2010	Stokesbury, Kevin D.E.		\$999,000
S33000000015886	Environmental Review Program	2010	Stokesbury, Kevin D.E.		\$40,000
S37000000016078	River Herring bycatch Avoidance in Small Mesh Fisheries-NJ	2010	Stokesbury, Kevin D.E.		\$117,500
S31710000016353	High Resolution Video survey of the sea scallop resource in the Hudson Canyon and	2011	Stokesbury, Kevin D.E.		\$89,008
S31710000016354	Effects of mobile fishing gear on geological and biological structure: Georges Cl	2011	Stokesbury, Kevin D.E.	Harris, Bradley P.	\$136,325
S31710000016355	Extension of the SMAST video survey in the Western portion of the Mid-Atlantic	2011	Stokesbury, Kevin D.E.		\$85,827
S31710000016356	Optimizing the Georges Bank Scallop Fishery by Maximizing Meat Yield and Minimizi	2011	Stokesbury, Kevin D.E.	Cadrin, Steven X.	\$44,726
S37000000018313	Marine Stewardship Certification Review	2011	Stokesbury, Kevin D.E.		\$9,146
S37000000020223	MSC Assessment Report	2011	Stokesbury, Kevin D.E.		\$10,022
S31710000019878	What Causes Gray Meat in the Atlantic Sea Scallop Placopecten magellanicus in Geo	2012	Stokesbury, Kevin D.E.		\$84,410
S33000000020779	River Herring Bycatch Avoidance in Small Mesh Fisheries-RI Ports	2012	Stokesbury, Kevin D.E.		\$1,200
S33000000021221	Video Survey of Western Portion of the Offshore Windfarm Area	2012	Stokesbury, Kevin D.E.		\$36,973
S37000000019873	Seasonal Bycatch Survey of the Georges Bank Scallop Fishery: Coonamesett Farm	2012	Stokesbury, Kevin D.E.		\$55,843

S3171000022564	High Resolution Video Survey of the Sea Scallop Resource in Mid-Atlantic Closed	2013	Stokesbury, Kevin D.E.		\$216,712
S3171000022777	Persistent Scallop Aggregations Survey and Their Influence on Scallop Recruitment	2013	Stokesbury, Kevin D.E.	He, Pingguo	\$248,461
S3171000022778	Combined High-Resolution Video Survey and Biological Sampling in the NLSA	2013	Stokesbury, Kevin D.E.		\$157,163
S3171000025251	Benthic Imaging in Support of Habitat Mapping for Renewable Energy	2013	Stokesbury, Kevin D.E.		\$129,992
S3300000023848	River Herring Bycatch Avoidance in Small Mesh Fisheries - RI	2013	Stokesbury, Kevin D.E.		\$2,350
S3300000025326	SMAST Video Survey of Western Portion of the Offshore Windfarm Area 2013	2013	Stokesbury, Kevin D.E.		\$46,918
S3500000025971	A New Groudfish Survey Technique with an Emphasis on the Georges Bank Yellowtail	2013	Stokesbury, Kevin D.E.		\$275,000
S3700000022558	Seasonal Bycatch Survey of the Georges Bank Scallop Fishery	2013	Stokesbury, Kevin D.E.		\$107,367
S3700000025021	Habitat Characterization and Sea Scallop Resource Enhancement Study in a Proposed	2013	Stokesbury, Kevin D.E.		\$101,549
S3700000025328	Offshore Video Survey Analysis from Georges Bank to the Chesapeake	2013	Stokesbury, Kevin D.E.	Chen, Changsheng	\$248,457
S3170000026585	Tracking the Occurrence of Gray Meat in Atlantic Sea Scallops	2014	Stokesbury, Kevin D.E.		\$128,728
S3170000026588	Broadscale Video Survey of the US East Coast Sea Scallop Resource	2014	Stokesbury, Kevin D.E.		\$586,340
S3170000026680	NLSA High- Resolution Video Survey	2014	Stokesbury, Kevin D.E.		\$94,050
S3171000025458	River Herring Bycatch Avoidance 2014-2015	2014	Stokesbury, Kevin D.E.		\$296,040
S3171000026627	Habitat Characterization and Sea Scallop Resource Enhancement Study in a Prop	2014	Stokesbury, Kevin D.E.		\$82,653
S3300000029337	FY 15 Yellowtail Flounder Georges Bank Survey	2014	Stokesbury, Kevin D.E.		\$400,000
S3830000029008	Examination of Canadian Voluntary Scallop Closure Areas on Georges Bank and Brown	2014	Stokesbury, Kevin D.E.		\$70,348
S3171000029727	Broadscale Video Survey of the George's Bank Open Areas	2015	Stokesbury, Kevin D.E.	Bethoney, Naiff David	\$373,922
S3171000029739	Optimizing the Georges Bank Scallop Fishery by Maximizing Meat Yield and	2015	Stokesbury, Kevin D.E.		\$26,364
S3300000031951	2015 Groundfish Video Trawl Survey	2015	Stokesbury, Kevin D.E.		\$400,000
S3300000033165	A New Sampling System for New England Groundfish Using Video Technology, Focusing	2015	Stokesbury, Kevin D.E.		\$96,376
S3830000031730	Exploratory Survey of the Canadian Sea Cucumber Population	2015	Stokesbury, Kevin D.E.	Bethoney, Naiff David	\$20,251
S3830000031735	SMAST Video Survey of the Canadian Portion of Georges Bank 2015	2015	Stokesbury, Kevin D.E.	Bethoney, Naiff David	\$101,577
		2015	Stokesbury, Kevin D.E.	Bethoney, Naiff David	\$24,353
S3171000032786	Modeling the Impact of Climate Change on Larval Connectivity and Recruitment of	2016	Cowles, Geoffrey W.	Stokesbury, Kevin D.E.	\$142,778
S3300000034110	A New Sampling System for New England Groundfish Using Video Technology:	2016	Stokesbury, Kevin D.E.		\$29,125
S3300000035055	FY17 Groundfish Video Trawl Survey	2016	Stokesbury, Kevin D.E.		\$361,778
S3700000034431	Survey of Substrate and Benthos at Cape Cod Canal Tidal Energy Demonstration Site	2016	Stokesbury, Kevin D.E.	Bethoney, Naiff David	\$10,000
S3800000034274	Video Survey of Banquereau Bank-2016	2016	Stokesbury, Kevin D.E.	Bethoney, Naiff David	\$47,247
S3171000037156	2017 Broadscale Drop Camera Survey of the US East Coast Sea Scallop Resource (RSA	2017	Stokesbury, Kevin D.E.	Bethoney, Naiff David	\$264,313
S3171000037166	High-resolution Video Survey Examining the Scallop Population and Habitat in the	2017	Stokesbury, Kevin D.E.	Bethoney, Naiff David	\$48,547
S3171000037167	High-resolution Video Survey Examining the Scallop Population and Habitat in the	2017	Stokesbury, Kevin D.E.	Bethoney, Naiff David	\$89,458
S3300000039890	FY18 Groundfish Video Trawl Survey	2017	Stokesbury, Kevin D.E.		\$400,000
S3830000038522	SMAST Drop Camera of the Canadian Portion of Georges Bank 2017	2017	Stokesbury, Kevin D.E.	Bethoney, Naiff David	\$125,825
S3830000038559	SMAST Drop Camera Survey in Support of Clearwater Seafoods Thinning Experiment	2017	Bethoney, Naiff David	Stokesbury, Kevin D.E.	\$29,061
S3920000037945	Application of Benthic Imaging to Improve Production Capacity in the Nova Scotian	2017	Bethoney, Naiff David	Stokesbury, Kevin D.E.	\$64,540
S3171000039304	High-resolution Drop Camera Surveys to Track Scallop Aggregations in Three	2018	Bethoney, Naiff David	Stokesbury, Kevin D.E.	\$84,065
S3171000039306	High Resolution Drop Camera Survey Examining Sea Stars Dynamics in Extremely	2018	Stokesbury, Kevin D.E.	Bethoney, Naiff David	\$95,721
S3171000039307	High-Resolution Drop Camera Survey Examining the Scallop Population and Habitat i	2018	Stokesbury, Kevin D.E.	Bethoney, Naiff David	\$122,305
S3300000042088	FY19 Groundfish Video Trawl Survey	2018	Stokesbury, Kevin D.E.		\$400,000
S3500000042942	Harvesting and Applying Data About the Sea	2018	Stokesbury, Kevin D.E.		\$65,700
S3800000041811	SMAST Video Trawl Survey of Vineyard Wind Development Area	2018	Stokesbury, Kevin D.E.		\$139,988
S3800000042113	Vineyard Wind - SMAST Construction Study Contract - Phase I: Development of Monit	2018	Cadrin, Steven X.	Stokesbury, Kevin D.E.	\$50,021
S3830000040625	SMAST Drop Camera Survey of Patagonian Scallop Management Unit B, 2018	2018	Stokesbury, Kevin D.E.	Bethoney, Naiff David	\$131,001
S3830000041834	SMAST Drop Camera of Browns Bank and the Canadian Portion of Georges Bank, 2018	2018	Stokesbury, Kevin D.E.	Bethoney, Naiff David	\$146,398
S3171000042176	Drop Camera Surveys Examining the Scallop Population of the Mid-Atlantic and Asse	2019	Bethoney, Naiff David	Stokesbury, Kevin D.E.	\$242,440
S3171000042214	High-Resolution Drop Camera Surveys to Track Scallop Aggregations in Closed Area	2019	Stokesbury, Kevin D.E.	Bethoney, Naiff David	\$122,713
S3300000045126	To Further Develop a Groundfish Survey that Combines Traditional Fisherman's Know	2019	Stokesbury, Kevin D.E.		\$350,000
S3830000044630	SMAST Drop Camera of Browns Bank and the Canadian Portion of Georges Bank 2019	2019	Stokesbury, Kevin D.E.	Bethoney, Naiff David	\$162,329
S3830000044881	SMAST Drop Camera Survey of Patagonian Scallop Management Unit B, 2019	2019	Stokesbury, Kevin D.E.	Bethoney, Naiff David	\$194,811
S3900000043940	Persistent Aquatic Living Sensor (PALS) Prgm- Telemetry-Aided Instr. (TAILS)	2019	Marino, Michael C.	Stokesbury, Kevin D.E.	\$59,629
S3800000043956	Vineyard Wind Surveys - Ventless Trap	2019	Stokesbury, Kevin D.E.		\$162,430
S3800000043957	Vineyard Wind Surveys - Drop Camera	2019	Bethoney, Naiff David	Stokesbury, Kevin D.E.	\$214,138
S3171000045262	High-Resolution Drop Camera Survey Examining the Scallop Recruitment Event	2020	Stokesbury, Kevin D.E.		\$329,584
S3171000045420	High-Resolution Drop Camera Surveys to Track Scallop and Predator Population in Nantucket Lig	2020	Stokesbury, Kevin D.E.		\$229,178
S3171000045421	Seasonal Video-Trawl Survey to Assess the Population Size of Yellowtail	2020	Stokesbury, Kevin D.E.		\$304,191
S3171000045451	Drop Camera Survey to Track Scallop Aggregations in Closed Area II Access	2020	Stokesbury, Kevin D.E.		\$125,012
S3300000045577	SMAST Lobster Larval Survey for Regional Fisheries Monitoring in Southern New England	2020	Stokesbury, Kevin D.E.		\$278,592
S3800000047959	VW Surveys (2021) Drop Camera	2020	Stokesbury, Kevin D.E.		\$253,568
S3800000047961	VW Surveys (2021) Ventless Trap	2020	Stokesbury, Kevin D.E.		\$283,944
S3830000048315	SMAST Drop Camera of Browns Bank and the Canadian Portion of Georges Bank 2020	2020	Stokesbury, Kevin D.E.		\$139,844
S3300000050003	FY21 Gulf of Maine Video Trawl Survey	2020	Stokesbury, Kevin D.E.		\$350,000
S3171000051337	Video Trawl Survey of Closed A	2021	Stokesbury, Kevin D.E.		\$324,479
S3171000051338	Broadscale Drop Camera Survey	2021	Stokesbury, Kevin D.E.		\$443,159
Grand Total					\$39,841,369

1. Stokesbury, K.D.E. A seasonal video-trawl survey to assess the population size of yellowtail flounder (*Pleuronectes ferruginea*) and windowpane (*Scophthalmum aquosus*) in Closed Area II. 2020/2021 Atlantic Sea Scallop Research Set Aside. (98,642lbs = \$1,233,019) 25 Feb 2021.
2. Stokesbury, K.D.E. Broadscale dropcam survey of US scallop resource. 2020/2021 Atlantic Sea Scallop Research Set Aside. (86,813 lbs = Year 1 \$1,085,164, 47,907 lbs = Year 2 \$598839, totaling \$1,684,002) 25 Feb 2021.

3. Stokesbury, K.D.E., FY21 Gulf of Maine Atlantic Trawl Survey. MA Division of Marine Fisheries. June 2020. \$350,000.
4. Stokesbury K.D.E. S Mast drop camera of Browns Bank and the Canadian portion of Georges Bank, 2019. Clearwater Seafoods: Awarded: July 2020 \$139,844.
5. Stokesbury, K.D.E., S Mast ventless trap survey (2021) of Vineyard Wind lease areas. Vineyard Wind. 20 March 2020. \$283,944.
6. Stokesbury, K. D. E. S Mast drop camera (2021) of Vineyard Wind lease areas before development. Vineyard Wind. 8 March 2019. \$253,568.
7. Stokesbury, K.D. E. and B. Casoni. Larval Lobster and Fish Neuston Net Survey for Regional Fisheries Monitoring in Southern New England Offshore Wind Development. Massachusetts Clean Energy Center, Bureau of Ocean Energy Management, and Rhode Island Department of Environmental Management (\$278,592). 14 April 2020.
8. Stokesbury, K.D. E. Drop camera survey to track scallop aggregations in Closed Area II access area and the southern flank. 2019/2020 Atlantic Sea Scallop Research Set Aside. (50,005 lbs = \$475,049) 12 Feb 2020.
9. Stokesbury, K.D. E. High-resolution drop camera survey examining the scallop recruitment event in the Gulf of Maine. 2019/2020 Atlantic Sea Scallop Research Set Aside. (131, 834 lbs = Year 1 \$555,780, Year 2 \$696.639, totaling \$1,252,419) 12 Feb 2020.
10. Stokesbury, K.D. E. and N. D. Bethoney. High-resolution drop camera surveys to track scallop and predator populations in Nantucket Lightship, and examine the effects of increase quadrat sampling. (91,671 lbs = \$870,875). 2019/2020 Atlantic Sea Scallop Research Set Aside. 12 Feb 2020.
11. Stokesbury, K.D. E., N. M. Calabreses, and T. M. Lowery. A seasonal video-trawl survey to assess the population size of yellowtail flounder (*Pleuronectes ferruginea*) and windowpane (*Scophthalmus aquosus*) in Closed Area II. (121,676 = \$1,155,924). 12 Feb 2020. Stokesbury K.D.E. and N.D. Bethoney. S Mast drop camera of Browns Bank and the Canadian portion of Georges Bank, 2019. Clearwater Seafoods: Awarded: 12 July 2019 \$162,329. (new, not included in the table above)
12. Stokesbury K.D.E. and N.D. Bethoney. S Mast drop camera of Browns Bank and the Canadian portion of Georges Bank, 2019. Clearwater Seafoods: Awarded: 12 July 2019 \$162,329.
13. Stokesbury, K.D.E., S Mast ventless trap survey of Vineyard Wind lease areas. Vineyard Wind. 20 March 2019. \$174,891.
14. Bethoney, N.D. and K. D. E. Stokesbury. S Mast drop camera of Vineyard Wind lease areas before development. Vineyard Wind. 8 March 2019. \$243,888.
15. Changsheng C., P. He, K.D.E. Stokesbury, and R. C Beardsley. Assessing Potential Impacts of Offshore Wind Facilities on Regional Sea Scallop Laval and Early Juvenile Transports. Year 2019/2020 Atlantic Sea Scallop Research Set Aside. \$276,573 funding pending.
16. Stokesbury, K.D.E., N. D. Bethoney, and B. Woodward. High-resolution drop camera surveys to track scallop aggregations in Closed Area I access area, Nantucket Lightship, and Great South Channel. Year 2019/2020 Atlantic Sea Scallop Research Set Aside. \$212,138 funding pending.
17. Bethoney, N.D., K.D.E. Stokesbury, and B. Woodward. Drop camera surveys examining the scallop population of the Mid-Atlantic and assessment of automated scallop count and measurement algorithm. Year 2019/2020 Atlantic Sea Scallop Research Set Aside. \$234,566 funding pending.
18. Stokesbury, K.D.E., A new groundfish survey technique with an emphasis on the Gulf of Maine Atlantic Cod. \$400,000 MA Division of Marine Fisheries. June 2018.

19. Stokesbury K.D.E. and N. D. Bethoney, High-resolution drop camera survey examining the scallop population and habitat in the Gulf of Maine. Year 2018/2019 Atlantic Sea Scallop Research Set Aside \$513,680
20. Stokesbury K.D.E. and N. D. Bethoney, High-resolution drop camera surveys to track scallop aggregations in Closed Area I and the Great South Channel. Year 2018/2019 Atlantic Sea Scallop Research Set Aside \$353,073
21. Stokesbury K.D.E. and N. D. Bethoney, High resolution drop camera survey examining sea star dynamics in extremely dense scallop beds of the Nantucket Lightship Closed Area. Year 2018/2019 Atlantic Sea Scallop Research Set Aside \$402,027
22. Stokesbury, K.D.E., A new groundfish survey technique with an emphasis on the Gulf of Maine Atlantic Cod. \$450,000 MA Division of Marine Fisheries. November 2017.
23. Stokesbury KDE, Bethoney ND. Broadscale drop camera survey of the US east coast sea scallop resource. 2017/18 Atlantic Sea Scallop Research Set-Aside Program, \$264,313 Awarded: 10 Feb 2017.
24. Stokesbury KDE, Bethoney ND. High-resolution drop camera survey examining the scallop population and habitat in the Closed Area I access area and sliver. 2017/18 Atlantic Sea Scallop Research Set-Aside Program, \$42,480 Awarded: 10 Feb 2017.
25. Stokesbury KDE, Bethoney ND. High-resolution drop camera survey examining the scallop population and habitat in the Closed Area II access area and extension. 2017/18 Atlantic Sea Scallop Research Set-Aside Program, \$89,458 Awarded: 10 Feb 2017.
26. Stokesbury MJW, Bethoney ND, Stokesbury KDE, LeBlanc J, Lundy M. Application of benthic imaging to improve production capacity in the Nova Scotian Sea Cucumber Fishery. The Natural Sciences and Engineering Research Council of Canada, \$154,458 (collaborator on Acadia University led proposal)
27. Churchill, J. Cowles, G., Stokesbury, K.D.E., Glenn, R. Pugh, T. Modelling the impact of climate change on larval connectivity and recruitment of the American lobster off of southern New England. (co-PI, UMD Budget \$143K).
28. Stokesbury KDE, Bethoney ND. Survey of Substrate and Benthos at Cape Cod Canal Tidal Energy Demonstration Site. Marine Renewable Energy Collaborative, \$10,000 Awarded: May 2016.
29. Stokesbury KDE, Bethoney ND. 2016 SMAST Video Survey of Banquereau Bank. Clearwater Seafoods, \$47,247 Awarded: April 2016.
30. Stokesbury, K.D.E., A new groundfish survey technique with an emphasis on the Gulf of Maine Atlantic Cod. \$125,000 MA Division of Marine Fisheries. 21 July 2015.
31. Stokesbury KDE, Bethoney ND. SMAST Video Survey of the Canadian Portion of George's Bank 2015. Clearwater Seafoods, \$125,930 Awarded: August 2015.
32. Stokesbury, K.D.E., A new groundfish survey technique with an emphasis on the Georges Bank Yellowtail Flounder. \$400,000 MA Division of Marine Fisheries. 21 July 2015.
33. Stokesbury KDE, Bethoney ND. Exploratory Survey of the Canadian Sea Cumber Population. Ocean Pride-Leader Fisheries, \$20,251 Awarded: July 2015.
34. Stokesbury, K.D.E., A new groundfish survey technique with an emphasis on the Georges Bank Yellowtail Flounder. \$450,000 MA Division of Marine Fisheries. 21 July 2015.
35. Daniel Georgiana, Susan Inglis, Gavin Fay, Kevin St. Martin, Min-Yang Lee, Kevin Stokesbury. Dec. 2014. Combining Fishermen's Knowledge with Oceanographic and Economic Models to Locate, Evaluate, and Predict Gray Meat Outbreaks in Atlantic Sea Scallops. 2015/2016 Saltonstall Kennedy NOAA-NMFS-FHQ-2015-2004246 awarded 25 June 2015.

36. Stokesbury, K.D.E., N.D. Bethoney. Broadscale Video Survey of the Georges Bank Open Areas. 2015 Atlantic Sea Scallop Research Set-Aside Program, \$1,994,248 (2015) Awarded: 13 March 2015.
37. Stokesbury, K.D.E., A new groundfish survey technique with an emphasis on the Georges Bank Yellowtail Flounder. \$450,000 MA Division of Marine Fisheries. 21 July 2014.
38. Melvin G.D., M. Stokesbury. Canadian Proposals for the Development and Implementation of Fishery Independent Indices of Abundance for the Gulf of St Lawrence Bluefin Tuna. submitted to ICCAT \$603,792. 16 May 2014. (Member of research team).
39. Stokesbury, K.D.E., N.D. Bethoney. Broadscale Video Survey of the Open Areas of Georges Bank. 2014 Atlantic Sea Scallop Research Set-Aside Program, \$1,368,126 (2014) \$1,368,126 (2015) Awarded: 7 May 2014.
40. Stokesbury, K.D.E., S. Inglis, N.D. Bethoney. "High-Resolution Video Survey and Biological Sampling of the Northern area of Closed Area I" \$438,898 Awarded: 7 May 2014.
41. Thompson, K., D. Ward, R. Smolowitz, K.D.E. Stokesbury, S. Inglis, Habitat Characterization and Sea Scallop Resource Enhancement Study in a proposed Habitat research Area – Year Two" \$770,852 Awarded: 5/7/14
42. Stokesbury, K.D.E., S. Inglis, D. Georgianna. Tracking the occurrence of grey meat in Atlantic sea scallops \$572,123 Awarded: 7 May 2014
43. Ries, J. Grabowski, B. Harris, K.D.E. Stokesbury, D. Eilertsen. Investigating the effects of ocean acidification and warming on the shell properties and meat weights of NW Atlantic sea scallops via paired field surveys and laboratory experiments. \$919,277 (2014) \$801,465 (2015) Awarded: 8 May 2014.
44. Stokesbury, K.D.E., J. Mosher. Clearwater Seafoods - Examination of Canadian Voluntary Scallop Closure Areas on Georges Bank and Browns Bank. \$70,348 8 April 2014
45. Stokesbury, K.D.E., N.D. Bethoney. River Herring Bycatch Avoidance. 2014 Mid-Atlantic Research Set-Aside (RSA) Program \$1,046,160 Awarded: 17 December 2013.
46. Stokesbury, K.D.E., C. Chen, Offshore video survey analysis from Georges Bank to the Chesapeake. The Nature Conservancy. Scope of Service. \$248,457. 27 June 2013.
47. Stokesbury, K.D.E., Bethic Imaging in support of habitat mapping for renewable energy. WHOI CINAR subcontract, \$129,992. 1 June 2014.
48. Stokesbury, K.D.E., A new groundfish survey technique with an emphasis on the Georges Bank Yellowtail Flounder. \$274,995 MA Division of Marine Fisheries. 1 June 2013.
49. Stokesbury, K.D.E., High-resolution video survey of the sea scallop resource in Georges Bank Closed Areas I and II. 2013 Atlantic Sea Scallop Research Set-Aside Program, \$216,712. May 2013
50. Stokesbury, K.D.E., and S. Inglis. Combined high-resolution video survey and biological sampling using a modified sled dredge of the sea scallop resource in Nantucket Lightship Access Area. 2013 Atlantic Sea Scallop Research Set-Aside Program. \$157,163. May 2013
51. Stokesbury, K.D.E., B.P. Harris, C. Chen and P. He. Survey of persistent scallop aggregations and an examination of their influence on recruitment using the FVCOM oceanographic model. 2013 Atlantic Sea Scallop Research Set-Aside Program. \$248,461. May 2013
52. Smolowitz, R. and 11 authors. Seasonal Bycatch Survey of the Georges Bank Scallop Fishery. 2013 Atlantic Sea Scallop Research Set-Aside Program, (Subcontract) \$55,843. May 2013
53. Smolowitz, R. K. Goetting, D. Ward, Stokesbury, K.D.E., S. Inglis and C. Chen. Habitat Characterization and Sea Scallop Resource Enhancement Study in a Proposed Habitat Research

- Area 2013 Atlantic Sea Scallop Research Set-Aside Program, (Subcontract) \$101,549. May 2013
54. Stokesbury, K.D.E., SMAST video survey of Western portion of the offshore Windfarm area 2013. Massachusetts Clean Energy Center. \$46,918. May 2013
 55. Stokesbury, K.D.E. co-PI on Seasonal Bycatch Survey of the Georges Bank Scallop Fishery, proposed by Coonamessett Farm Foundation, Inc (R. Smolowitz PI) 2012 Atlantic Sea Scallop Research Set-Aside Program, \$55,843 (subcontract) 30 April 2012.
 56. Stokesbury, K.D.E. and S. Inglis. What Causes Gray Meat in the Atlantic Sea Scallop *Placopecten magellanicus* in Georges Bank Closed Areas? 2012 Atlantic Sea Scallop Research Set-Aside Program, \$84,410 (total \$379,843; remaining to industry partners) 30 April 2012.
 57. Stokesbury, K.D.E. High-resolution video survey of the sea scallop resource in the Nantucket Lightship and Closed Area I access areas ,2012 Atlantic Sea Scallop Research Set-Aside Program, \$205,992 (total \$926,96; remaining to industry partners) 30 April 2012.
 58. Stokesbury, K.D.E. Video survey of the offshore windfarm area. State of Massachusetts. \$36,973. 12 Mar 2012.
 59. Stokesbury, K.D.E. Review of the scientific components of the MSC Assessment report. American Scallop Association. \$9,156. 18 April 2011.
 60. Stokesbury, K.D.E. High-resolution video survey of the sea scallop resource in the Hudson Canyon and Delmarva Closed Areas, 2011 Atlantic Sea Scallop Research Set-Aside Program, \$125,714 (total \$600,284 remaining to industry partners) submitted 27 August 2010.
 61. Stokesbury, K.D.E. Extension of the SMAST video survey in the Western portion of the Mid-Atlantic, 2011 Atlantic Sea Scallop Research Set-Aside Program, \$85,826 (total \$409,820 remaining to industry partners) submitted 27 August 2010.
 62. Harris, B.P., K.D.E. Stokesbury and J. Grabowski. Effects of mobile fishing gear on geological and biological structure: A Georges Bank closed versus open area comparison. 2011 Atlantic Sea Scallop Research Set-Aside Program, \$136,325 (total \$650,953 remaining to industry partners) submitted 27 August 2010.
 63. Stokesbury, K.D.E. Subcontract to Coonamessett Farm Foundation, Inc. on their grant Optimizing Georges Bank Scallop Fishery. 2011 Atlantic Sea Scallop Research Set-Aside Program, \$44,762, submitted 27 August 2010.
 64. Stokesbury, K.D.E., River Herring Bycatch Avoidance in Small Mesh Fisheries. submitted to National Fish and Wildlife Foundation – Marine Keystone - River Herring Conservation - Spring 2010, \$ 305,640.00.
 65. Stokesbury, K.D.E., RIVER HERRING BYCATCH AVOIDANCE IN SMALL MESH FISHERIES-NJ submitted to National Fish and Wildlife Foundation – NJ Coastal Conservation Program – Dalmarva May 2010, \$ 117,500.00.
 66. Cadrin, S., Stokesbury, K.D.E., Rothschild, B. J., P. Diodati, and D. Pierce. New England Multispecies Survey (Massachusetts Marine Fisheries Institute). \$2,999,000 May 2010.
 67. Stokesbury, K.D.E., Rothschild, B. J., P. Diodati, and D. Pierce. Scallop Fishery Assessment (Massachusetts Marine Fisheries Institute). NOAA \$999,000. May 2010.
 68. Stokesbury, K.D.E. Tracking a large sea scallop recruitment event with high-resolution video survey in the Gulf of Maine NOAA-NMFS 2010 Atlantic Sea Scallop Research Set-Aside Program, \$775,206 funded May 2010.
 69. Stokesbury, K.D.E. High High-resolution video survey of the sea scallop resource, recruitment patterns and habitat of the Hudson Canyon and Delmarva Closed Areas. NOAA-NMFS 2010 Atlantic Sea Scallop Research Set-Aside Program, \$1,053,760 Funded May 2010.

70. Stokesbury, K.D.E., Rothschild, B. J., P. Diodati, and D. Pierce. New England Multispecies Survey (Massachusetts Marine Fisheries Institute). \$2,997,000 Funded 1 Sept 2009.
71. Stokesbury, K.D.E., Rothschild, B. J., P. Diodati, and D. Pierce. Scallop Fishery Assessment (Massachusetts Marine Fisheries Institute). NOAA \$999,000 Funded 1 Sept 2009.
72. Stokesbury, Kevin D. E., Evaluation of Northwest Atlantic Ocean Continental shelf substrates. \$111,961 (NOAA Research-set-aside scallops 09-SCA-03). Funded 23 Feb 2009.
73. Stokesbury, Kevin D. E., High-resolution video survey of the sea scallop resource, recruitment patterns and habitat of the Elephant trunk and Nantucket lightship closed areas. \$122,544 (NOAA Research-set-aside scallops 09-SCA-01). Funded 23 Feb 2009.
74. Stokesbury, K.D.E., Rothschild, B. J., P. Diodati, and D. Pierce. Scallop Fishery Assessment (Massachusetts Marine Fisheries Institute). NOAA \$1,593,303 funded 1 Sept 2008.
75. Stokesbury, K.D.E., Rothschild, B. J., P. Diodati, and D. Pierce. New England Multispecies Survey (Massachusetts Marine Fisheries Institute). NOAA \$2,389,955 funded 1 Sept 2008
76. Stokesbury, K.D.E., Examination of Benthic Substrates and Macroinvertebrate Distributions on the Northern Edge of Georges Bank. Submitted to U.S. Department of Commerce, NOAA, NMFS, NOAA/NA06NMF4540257: \$219,236; start date 8/1/2006, end date 7/31/2007, extension date 7/31/2008.
77. Stokesbury, K.D.E., Rothschild, B. J., P. Diodati, and D. Pierce. Ecosystem Science and Management of New England Multispecies Fisheries NMFS-NEFSC-2007-20001056 (11.472). \$400,000 (call for competitive grants NOAA Fed, Reg. 20 Feb 2007)
78. Stokesbury, K.D.E., High-Resolution Video Survey of the Habitat and Sea Scallop Resource in the Elephant Trunk Closed Area. Submitted to U.S. Department of Commerce, NOAA, NMFS, NOAA/NA06NMF4540261: \$188,004; start date 8/1/2006, end date 7/31/2007, extension date 7/31/2008.
79. Stokesbury, K.D.E., High-Resolution Video Survey of the Habitat and Sea Scallop Resource in the Elephant Trunk and Nantucket Lightship Closed Areas. Submitted to U.S. Department of Commerce, NOAA, NMFS, NOAA/NA07NMF4540031: \$298,829; start date 5/1/2007, end date 4/30/2008.
80. Stokesbury, K.D.E., Mark-Recapture Analysis of American Lobster in Rhode Island. NOAA, NMFS, NOAA/NA07NMF4550321: \$33,223.50; start date 9/1/2007, end date 8/31/2008.
81. Stokesbury, K.D.E., Tilefish Study-Fleet. NOAA, NMFS, NOAA/NA07NMF4550323: \$36,223.50; start date 9/1/2007, end date 8/31/2008.
82. Stokesbury, K.D.E., Southern New England Study-Fleet. NOAA, NMFS, NOAA/NA07NMF4550325: \$48,224.30; start date 9/1/2007, end date 8/31/2008.
83. Stokesbury, K.D.E., External Advisor-Firth of Lorn research project steering group. Contract Number 20311. Scottish Natural Heritage \$56,145.
84. Rothschild, B. J., P. Diodati, K.D.E. Stokesbury, and D. Pierce. New England Multispecies Survey (School for Marine Science and Technology. NOAA, NMFS NOAA/NA05NMF 4721132 \$2,940,444; start date 9/1/2005, end date 8/31/2006, extension date 8/31/2008.
85. Stokesbury, K.D.E., B. J. Rothschild, P. Diodati, and D. Pierce. Scallop Fishery Assessment (Massachusetts Fisheries Institute) NOAA, NMFS, NOAA/NA06NMF 4720097 \$1,856,371; start date 9/1/2006, end date 8/31/2007, extension date 8/31/2008.
86. Stokesbury, K.D.E., B. J. Rothschild, P. Diodati, and D. Pierce. New England Multispecies Survey (School for Marine Science and Technology. NOAA, NMFS NOAA/NA06NMF 4720096 \$2,940,444; start date 9/1/2006, end date 8/31/2007, extension date 8/31/2008.
87. Stokesbury, K.D.E., B. J. Rothschild, P. Diodati, and D. Pierce. Ecosystem Science and

- Management of New England Multispecies Fisheries. NOAA, NMFS NOAA/NA07NMF 4720359 \$405,693; start date 9/1/2007, end date 8/31/2008.
88. Stokesbury, K.D.E., Multistage centric systematic video survey design verification, 2005 Atlantic Sea Scallop Research Set-Aside Program NOAA Grant submitted 2 March 2005 (\$429,520)
 89. Stokesbury, K.D.E., Examination of benthic substrates and macroinvertebrate distributions in the western Great South Channel and Nantucket Shoals, 2005 Atlantic Sea Scallop Research Set-Aside Program NOAA Grant submitted 2 March 2005 (\$836,913)
 90. Rothschild, B. J., P. Diodati, K.D.E. Stokesbury and D. Pierce. Scallop Fishery Assessment, \$1,856,371 submitted 23 Apr 05.
 91. Rothschild, B. J., P. Diodati, K.D.E. Stokesbury, J. Groger, R. Roundtree, D. Pierce, and R.P. Glenn. New England Multispecies Survey (School for Marine Science and Technology, \$2,809,122. submitted 26 Apr 05.
 92. O'Connor, Karen, K.D.E. Stokesbury, C. Matsumoto. The New Bedford Knowledge Port, planning letter submitted to the National Science Foundation, 4 Nov 2004.
 93. Stokesbury, K.D.E., Examining the effect of the 2004 pulse fishing event on the Georges Bank closed area benthic community. U.S. Department of Commerce, NOAA, NMFS, 1 Dec 04. \$584,640 (Funded)
 94. Stokesbury, K.D.E., Development of an interactive video map detailing the Georges Bank and Mid-Atlantic benthic community. Submitted to U.S. Department of Commerce, NOAA, NMFS, 1 Dec 04. \$365,400 (Funded)
 95. Stokesbury, K.D.E. Video examination of the continuing change in habitats within the closed areas of Georges Bank submitted (5th Sept 03) to the NMFS-NERO and CRPI Cooperative Research Partners Initiative (BAA EAC 03-0001) \$99,910.
 96. Stokesbury, K.D.E. Comparison of habitats supporting high and low sea scallop, *Placopecten magellanicus*, densities on Georges Bank. U.S. Department of Commerce, NOAA award submitted 7 February 2003 (102,000 lbs of sea scallops from the Hudson Canyon Closed Area \$341,700).
 97. Rothschild, B. J., P. Diodati, K.D.E. Stokesbury and D. Pierce. Scallop Fishery Assessment (Massachusetts Fisheries Institute) NOAA/NA04NMF 4720332, \$1,979,000. 1 Oct 04
 98. Rothschild, B. J., P. Diodati, K.D.E. Stokesbury, J. Groger and D. Pierce. New England Multispecies Survey (School for Marine Science and Technology. NOAA, NMFSNA04NMF 4720024, \$2,968,000. 1 Oct 04
 99. Rothschild, B.J., K.D.E. Stokesbury, and L. Goodman. Analysis and Development of Acoustic System to Improve CPUE Statistics and Track Movements and Migration of Fish. NOAA submitted 2 June 2003. \$554,200.
 100. Stokesbury, KDE and B. J. Rothschild. Examination of population biology and dynamics of the sea scallop, *Placopecten magellanicus*, resource from Virginia to the Hague line, USA. Funded by Massachusetts Division of Marine Fisheries (\$180,000, end date 1 July 2003).
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115. Stokesbury, K.D.E. funding for Ph.D. project including scholarships Laval Universities and OPEN.
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CONTRIBUTED PAPERS:

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- Transports. Northeast Fisheries Management Council, Scallop Plan Development Team. 2021 Scallop Research Share Day virtual meeting. 12 May 2021.
2. Stokesbury, K.D.E. The scallop fishery and the developing windfarm industry on the North East continental shelf of North America. National Shellfisheries Association Annual Meeting virtual. 23 March 2021.
 3. Cassidy, S. Kyle, K.D.E. Stokesbury. Surveying fisheries in the wake of COVID-19. National Shellfisheries Association Annual Meeting virtual. 24 March 2021.
 4. Stokesbury, K.D.E. k. Cassidy, and J. Drake. Field Surveying in the wake of Covid-19. [Cooperative Research: Facing the Challenges of COVID-19](#) virtual workshop, NEFSC, NMFS. 25 February 2021.
 5. Stokesbury, K.D.E. Harnessing Wind Power off Massachusetts' South Coast. UMASSD and Mass Audubon. 9th February 2021.
 6. Stokesbury, K.D.E. panelist: UMass Zoom Summit Plenary on Sustainability and Climate Resilience: Coastal Communities, Energy, and Transportation plenary. 29th January 2021.
 7. Stokesbury, K.D.E. and A. Meli. Jonah Crab Assessment. Atlantic States Marine Fisheries Commission Data Workshop. 16th to 18th November 2020.
 8. Stokesbury, K.D.E. presentation and Panelist: Vineyard Wind Monitoring Plan. 2020 Marine Renewable Energy Conference: On and Off the Grid, U Mass Dartmouth. November 12, 2020
 9. Woodward, B. K. Cassidy, K.D.E Stokesbury. Video Survey. Scallop Survey Image Detection Research. NOAA Fisheries, R. Silva Chaired. Virtual meeting. 7 May 2020.
 10. Cadrin, S. P. He, C. Rillahan, K.D.E Stokesbury, K. Cassidy, N.D. Bethoney, A. Zygmunt, C. Riley. Vineyard Wind Monitoring Plan. CRMC Fishermen's Advisory Board. URI, Narragansett, RI. 27 February 2020.
 11. Stokesbury, K.D.E. Panelist for Divided Waters: offshore wind and fishing in Rhode Island; organized by The Public Radio (89.3 Fm) 30 Jan 2020, aired on 23 Feb 2020 URL to the web version of Divided Waters: <https://thepublicsradio.org/episode/divided-waters-can-offshore-wind-energy-and-the-fishing-industry-coexist-in-the-age-of-climate-change->
 12. Stokesbury, K.D.E. Fisheries and Windfarms. Panelist. AWEA Offshore Wind-Power conference 2019. Boston, MA. 22 Oct. 2019.
 13. Stokesbury, K.D.E. Fisheries and Windfarms. Panelist. US Offshore Wind Conference & Exhibition. Boston, MA. 10th June 2019
 14. Bethoney, N.D., B. Woodward. And K.D.E. Stokesbury. An assessment of a deep learning computer algorithm to count and measure Atlantic sea scallops. American Fisheries Society Annual meeting Reno, Nevada, August 2019.
 15. Stokesbury, K.D.E. and D. Eilertsen. "Gonna change my way of thinking . . ." Collaborative research in the New England scallop and ground fisheries. **Invited Speaker**. Lowell Wakefield Fisheries Symposium. Anchorage, Alaska. 7-9 May 2019
 16. Stokesbury, K.D.E. and N.D. Bethoney. How many scallops are there and why does it matter? 22nd International Pectinid Workshop, Hospedería San Martín Pinario, Santiago de Compostela, Galicia, Spain. 24 – 29 April 2019.
 17. Stokesbury, K.D.E., E. Heupel, and S. Inglis. Estimating seasonal growth in sea scallops using isotopic data in a changing environment. 22nd International Pectinid Workshop. Santiago de Compostela Spain. 24 – 29 April 2019.
 18. Stokesbury, K.D.E. The U.S. Scallop Fishery 1997-2018. UK Scallop Management Conference 2019. Informing the Future of Sustainable Fisheries Management. London, England. 4-5 February 2019.

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20. Stokesbury, K.D.E., E. Keiley, D. Georgianna, N. D. Bethoney, and S. Inglis. The ramification of mismatching spatial rotational management with life history and population traits: an example in the sea scallop fishery. National Shellfisheries Association Annual Meeting. Seattle, USA. 18-22 March 2018.
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22. Donohue J., K. L. Law, N. D. Bethoney, K.D.E. Stokesbury. Quantity of plastic debris on the seafloor offshore of the northeast United States. Ocean Sciences Portland, Oregon, USA. 11-16 February 2018.
23. Stokesbury, K.D.E. and N. David Bethoney. Habitat characterization of wind energy res in southern New England. Southern New England Offshore Wind Energy Science Forum. URI Narragansett Bay Campus. 12 December 2017.
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26. Woodward B., J. Takahashi, K.D.E. Stokesbury, T. Lowery, N. Calabrese, E. Keiley, Gregory R. DeCelles. Using Advanced Technology to Enhance the Resolution of Fisheries Independent Trawl Surveys. American Fisheries Society Annual meeting Tampa, Florida, August 2017.
27. Stokesbury, K.D.E. Broad and fine scale observations of sandlance: Stellwagen Bank to the Chesapeake. Sand Lance in the Northeast Workshop, Newburyport MA. May 8 - 9th, 2017
28. Stokesbury, K.D.E. ICES Scallop Working Group Overview. International Pectinid Workshop, Portland, Maine April 2017
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30. Cleaver, C. et al. (13 authors). The effect of small-scale closed areas on *Placopecten magellanicus* populations in Maine. International Pectinid Workshop, Portland, Maine April 2017
31. Inglis, S., Á. Kristmundsson, M. A. Freeman, D. Georgianna, and K.D.E. Stokesbury. Gray meat in the Atlantic sea scallop and a known pathogenic scallop apicomplexan. International Pectinid Workshop, Portland, Maine April 2017
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36. Bethoney, N.D. Burns, K, Chen, C., Harris, B., McGee, S. Rosellon-Druker, Stokesbury, K.D.E., Weaver, K., Zhao, L. "Offshore Video Survey and Oceanographic Analysis for Ecosystem Based Fisheries Management" Project Peer Review Panel: scientist and managers from the Nature Conservancy, Northeast Regional Ocean Council, New England Fisheries Management Council, United States Geological Service, Environmental Defense Fund, Northeast Regional Science Center, Massachusetts Office of Coastal Zone Management, and Massachusetts Division of Marine Fisheries, Boston, Massachusetts November 2015.
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43. Georgiana, D, Inglis, S.D., Lee, Min-Yang, St. Martin, K. and K.D.E. Stokesbury. Combining Fishermen's Knowledge with Economic Models to Locate and Evaluate Gray Meat Outbreaks in Atlantic Sea Scallops. North American Association of Fishery Economists Forum Ketchikan. May 20-22 2015 Ketchikan, AK.
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46. Stokesbury, K.D.E., N.D. Bethoney, J.D. Carey, B.P Harris. Patterns in epibenthic communities exposed to varying levels of fishing pressure on Georges Bank, USA. In Commercial Fisheries Session chaired by K. Stokesbury and D. Rudders. National Shellfish Association annual meeting, Monterey CA. 31 March 2015.
47. Stokesbury, K.D.E., et al. MFI research in New England's Fishing Industry. Sustaining Massachusetts Fisheries: a stakeholder summit to improve understanding of an issue critical to the economy and culture of the commonwealth. Boston, MA. 2 March 2015.
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51. Grabowski J., S. Vollmer, B. Harris, K.D.E. Stokesbury, Using Genomics to Explore Large Scale Spatial Patterns & Connectivity of Sea Scallops. US & Canada Scallop Science Summit Agenda. 6-8 May 2014. St. Andrews, New Brunswick, Canada.
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55. Stokesbury, K.D.E. Video sampling the Georges Bank invertebrates and fish. MFI monitoring workshop, New Bedford, Mass., 24-26 February 2014
56. Stokesbury, K.D.E., Video Survey Pyramid System. In Undersea Imaging Workshop Edited by R. Langton. 14-15 January 2014. NOAA-NMFS Sandy Hook NJ.
57. Lohrenz, S.E., N.D. Bethoney, S.X. Cadrin, M.C. Marino, C.E. O’Keefe, K.D.E. Stokesbury. The Role of SMAST Research in New Bedford’s Fishing Industry. CUMU conference 18 November 2013.
58. Stokesbury, K.D.E., J. Hiddink, B.P. Harris, session chairs: A.10 Impacts of mobile gear on the sea floor. 6th World Fisheries Congress “Sustainable Fisheries in a Changing World” Edinburgh, Scotland, 7th to 11th May 2012.
59. Stokesbury, K. D. E., J.D. Carey, and B. P. Harris. Assessment of the temporal patterns in the epibenthic community of Georges Bank in response to continuous and sporadic sea scallop fishing. 6th World Fisheries Congress “Sustainable Fisheries in a Changing World” Edinburgh, Scotland, 7th to 11th May 2012.
60. Stokesbury, K. D. E. Why count fish and invertebrates? Development Agency. New Bedford. 13 March 2012. Stokesbury, K. D. E. Experience from other fisheries. Invited speaker. Rhode Island Commercial Fluke Symposium. 27 Jan 2012.
61. Stokesbury, K. D. E., J.D. Carey, B. P. Harris, and C. E. O’Keefe. Did ten billion juvenile sea scallops die in the Mid-Atlantic due to incidental fishing mortality? American Fisheries Society annual meeting, Seattle 7 Set. 2011.
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66. Stokesbury, K.D.E., B. P. Harris, M. C. Marino II. and C. E. O'Keefe. Using technology to forward fisheries science: the sea scallop example. Scottish Natural Heritage Conference, Edinburgh, 30 October 2008.
67. Stokesbury, K. D. E., B. P. Harris, M. C. Marino II and J. I. Nogueira. Sea Scallop Mass Mortality in a Marine Protected Area. Southern New England Chapter of the American Fisheries Society quarterly meeting 10 January 2007.
68. Stokesbury, K.D.E. Astonishment, stupefaction, and a naturalist's approach to ecosystem-based fisheries studies. The Future of Fisheries Science Symposium, American Institute of Fisheries Research Biologists, Seattle, 14 February 2007.
69. Stokesbury, Kevin D. E. and Brad Harris, Examination of sea scallops and benthic habitat using underwater video on the North Atlantic Continental Shelf II. Section: Using Video Technology for Fisheries Applications, 135th Annual Meeting American Fisheries Society, Anchorage, AK, 11 – 15 September 2005.
70. Stokesbury, Kevin D. E. Assessing habitat effects of fishing and implications for fisheries and ecosystems American Association for the Advancement of Science, Section: New Fisheries: Science and Management Sustaining Fisheries, 21 Feb. 2005.
71. Stokesbury, Kevin D. E., Bradley P. Harris, Michael C. Marino II & Jacob I. Nogueira Estimation of sea scallop abundance using a video survey in off-shore USA waters ICES CM 2004/Session K, Vigo, Spain, 22-25 Sept 2004.
72. Rothschild, Brian J., Changsheng Chen, Greg Lough, Kevin Stokesbury, The Influence of the Georges Bank Wind Index on the Scotian Shelf Gulf of Maine Stocks of Cod, Haddock, and Scallops ICES CM 2004/Session P, Vigo, Spain, 22-25 Sept 2004.
73. Truong, T., K.D.E. Stokesbury, F. Azadivar, and B. J. Rothschild. Optimization of harvest strategies for Georges Bank scallops. Southern New England Chapter of the American Fisheries Society, Old Lyme CT, 21 January 2004.
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76. Stokesbury, K.D.E. Examination of sea scallop, *Placopecten magellanicus*, aggregations using a video survey in closed areas of Georges Bank. American Fisheries Society annual meeting, Baltimore, Maryland 18-22 August 2002.
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88. Stokesbury, K.D.E. A re-examination of events influencing the 1993 Pacific herring (*Clupea pallasii*) population crash in Prince William Sound, Alaska. 10th Anniversary Exxon Valdez oil spill symposium, Anchorage, AK, 23-27 March 1999.
89. Stokesbury, K.D.E., J. Kirsch, E.D. Brown, G.L. Thomas, and B.L. Norcross. Seasonal variability in Pacific herring (*Clupea pallasii*) and walleye pollock (*Theragra chalcogramma*) spatial distributions in Prince William Sound, Alaska. American Fisheries Society annual meeting Hartford, 23-27 August 1998.
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92. Stokesbury, K.D.E., G.L. Thomas, and B.L. Norcross. Spatial Distribution of Pacific herring (*Clupea pallasii*) in Prince William Sound Alaska. AAAS Artic Science Conference Valdez Ak 24-27 September 1997
93. Stokesbury, K.D.E. and S.W. Ross. Small scale variability of water quality parameters and the risk of pseudoreplication. 13th International Estuarine Research Federation Conference 12-16 Nov. 1995
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GRADUATE AND POST-DOCTORAL STUDENTS PRESENTATIONS:

1. Perez P.J., N. M. Calabrese, and K.D.E. Stokesbury. A seasonal video-trawl survey to assess the population size of yellowtail flounder (*Pleuronectes ferruginea*) and windowpane (*Scophthalmus aquosus*) in Closed Area II. Northeast Fisheries Management Council, Scallop Plan Development Team. 2021 Scallop Research Shar Day virtual. 12 May 2021.
2. Perez P.J. and K.D.E. Stokesbury. SMAST Research on Sustainable Fisheries and Dependent Communities. Massachusetts Life Sciences Research Center. 12 May 2021
3. Calabrese, N.M and Stokesbury, K.D.E. Improving a Video Trawl Survey. Presentation, ICES-FAO Working Group on Fishing Technology and Fish Behaviour Meeting. 16 April 2021.
4. Zygmunt A. and K.D.E. Stokesbury. Using baseline data from a before-after-control-impact (BACI) survey of American lobster (*Homarus americanus*) and Jonah crab (*Cancer borealis*) to explain relative abundance and size structure in offshore Southern New England (SNE) National Shellfisheries Association Annual Meeting virtual. 24 March 2021.
5. Calabrese, N.M. Combining Mark-Recapture Techniques with New Technologies to Improve Fish Population Estimates. PhD Proposal Defense, University of Massachusetts Dartmouth School for Marine Science and Technology, New Bedford Massachusetts. 14 January 2021.
6. Zygmunt A. and K.D.E. Stokesbury. Using baseline data from a Before-after-control-impact (BACI) survey of American lobster (*Homarus americanus*) and Jonah crab (*Cancer borealis*) to explain relative abundance and size structure in offshore Southern New England (SNE). Southern New England Chapter, American Fisheries Society. 11 January 2021.
7. Harper, D.L., Bethoney, N.D., Stokesbury, K.D.E., Lundy, M., Stokesbury, M.J.W. (2020, Jan 5). Drop-Camera Surveying: An Alternative Method of Data Collection for Improved Resource Management Within Sea Cucumber Fishing Areas. Presented at the Canadian Conference for Fisheries Research, Halifax, NS.5 January 2020.
8. Zygmunt, A., Stokesbury, K. D. E., Cassidy, K., Bethoney, N. D., He, P., & Rillahan, C. Monitoring Fisheries Impacts in the Vineyard Wind Lease Area. Presentation at the Falmouth Fishermen's Association Monthly Meeting, North Falmouth, MA. October 2019.
9. Bethoney ND, Woodward B, Stokesbury KDE. An Assessment of a Deep Learning Computer Algorithm to Count and Measure Atlantic Sea Scallops. American Fisheries Society Annual meeting Reno, Nevada, October 2019.
10. Harper, D.L., Bethoney, N.D., Stokesbury, K.D.E., Lundy, M., Stokesbury, M.J.W. Application of drop-camera surveying for improved resource management within sea cucumber fishing areas.

Presented at the 45th Annual Meeting of the Atlantic International Chapter of the American Fisheries Society, Cardigan PE, CA. 23 September 2019.

11. Bethoney ND and Stokesbury KDE. 2019 SMAST drop camera survey results. New England Fishery Management Council Scallop Plan Development Team. Falmouth, Massachusetts. August 2019.
12. Cassidy, K. N.D. Bethoney, A. Lisi, K.D.E. Stokesbury. Advancement of the drop camera survey: The Journey to Argentina. 22nd International Pectinid Workshop, Hospedería San Martín Pinario, Santiago de Compostela, Galicia, Spain. 25 April 2019.
13. Lisi, A., N. D. Bethoney, K. Cassidy, B. Woodward, K. Stokesbury. 2019. Continued improvements and quality controls of an Atlantic sea scallop, *Placopecten magellanicus*, drop camera survey. 22nd International Pectinid Workshop, Hospedería San Martín Pinario, Santiago de Compostela, Galicia, Spain. 25 April 2019.
14. Calabrese NM, Stokesbury KDE, Lowery T (2018, September) A Video Trawl Survey for Atlantic Cod (*Gadus morhua*) in New England. Oral presentation at the International Conference for Exploration of the Sea Annual Science Meeting, Hamburg, Germany. September 2018.
15. Harper, DL., Bethoney, ND., Stokesbury, KDE., Lundy, M., Stokesbury, MJW. (2018, Aug 21). Sea cucumber (*Cucumaria frondosa*) populations dynamics for improved resources management within fishing areas. Presented at American Fisheries Society 148th Annual Meeting: Fisheries Independent Surveys - lessons learned and passed forward Symposium, Atlantic City NJ.
16. Harper, DL., Bethoney, ND., Stokesbury, KDE., Lundy, M., Stokesbury, MJW. (2018, May 10). Sea cucumber (*Cucumaria frondosa*) populations dynamics for improved resources management within fishing areas. Presented at 12th BoFEP Bay of Fundy Science Workshop: A Changing Fundy Environment – Emerging Issues, Challenges and Priorities, Truro NS.
17. Calabrese, N. M., T. Lowery, and K. D. E. Stokesbury. A Video Trawl Survey for Atlantic Cod (*Gadus morhua*) in New England. Oral presentation at the Stellwagen Bank Charter Boat Association Meeting, Marshfield, MA. May 2017.
18. Cassidy, K., K.D.E. Stokesbury and N. D. Bethoney. Comparing sea scallop density and shell height distributions with advancing drop camera survey technology. International Pectinid Workshop, Portland, Maine April 2017.
19. Rosellon-Druker J. and K.D.E. Stokesbury. Characterization and quantification of echinoderms on Georges Bank and their biological interactions with sea scallops. International Pectinid Workshop, Portland, Maine April 2017.
20. Calabrese, N. M., T. Lowery, and K. D. E. Stokesbury. A Video Trawl Survey for Atlantic Cod (*Gadus morhua*) in New England. Oral presentation at the Southern New England Chapter and Northeast Division of American Fisheries Society Joint Meeting, Mystic, CT. February 2017.
21. Cassidy, K., N. D. Bethoney, and K.D.E. Stokesbury. Subsampling Stations with High Sea Scallop Density from Video Surveying Techniques. American Fisheries Society Annual Meeting, Kansas City, Missouri. August 2016.
22. Lowery, T., DeCelles, G. and Stokesbury, K.D.E. Identification of Optimal Sub-Sampling Approach for Video Trawl Survey Analysis. International Council for the Exploration of the Sea (ICES) Annual Science Conference. Riga, Latvia. September 2016.
23. Rosellon-Druker, J.M. and Stokesbury, K.D.E. Evaluating the effects of marine protected areas on the predator-prey interaction between groundfish and echinoderm species on Georges

- Bank. Intercampus Marine Science Graduate Program (IMS) symposium. Dartmouth, Massachusetts. March 2016.
24. Inglis, S.D. and M. L. Levesque. The Enemy Within - Identifying Parasitic Infections in Bivalves. HSMSS. Northeastern University, Boston, MA. 9 March 2016.
 25. Asci, Samuel C., Richard Langton, and Kevin D.E. Stokesbury. "Estimating the impacts of fishing and recovery in the closed and opened areas of the Gulf of Maine, focusing on sea scallop mortality [abstract]". SNEC Winter Meeting. *American Fisheries Society*. Avery Point, CT. 14 Jan. 2016. Oral Presentation.
 26. Cassidy, K.S., K.D.E. Stokesbury. Decline of American lobster, *Homarus americanus*, abundance in Buzzards Bay, Massachusetts, USA between 2005-2006 and 2013-2014. The American Lobster. In A Changing Ecosystem II: A US-Canada Science Symposium. Charlottetown, Prince Edward Island, Canada. November 2015.
 27. Rosellon-Druker, J.M. and Stokesbury, K.D.E. Effects of marine protected areas, environmental conditions, and biological interactions on echinoderm (Echinodermata) populations on Georges Bank. Presentation to the Nature Conservancy. Boston, MA. November 2015.
 28. Rosellon-Druker, J.M. and Stokesbury, K.D.E. Description of echinoderm populations on Georges Bank and the potential modifying role of marine protected areas on these populations. American Fisheries Society (AFS). Portland, Oregon. August 2015.
 29. Lowery, T., DeCelles, G. and Stokesbury, K.D.E. Developing an optical survey for Georges Bank Yellowtail Flounder. Southern New England Chapter American Fisheries Society 2015 Summer Science Meeting. University of Massachusetts, Dartmouth. June 2015.
 30. Inglis, S., A. Kristmundsson, M.A. Freeman, K.D.E. Stokesbury. Apicomplexan infrection causing gray meat in the Atlantic sea scallop, *Placopecten magellanicus*. International Pectinid Workshop. Galway, Ireland. April 2015.
 31. Bethoney ND, Stokesbury KDE. Extreme Recruitment Events in the United States sea scallop fishery. International Pectinid Workshop. Galway, Ireland. April 2015.
 32. Cassidy, K.S., K.D.E. Stokesbury. Decline of American lobster abundance in Buzzards Bay, Massachusetts between 2005-2006 and 2013-2014. National Shellfisheries Association's 107th Annual Conference. Monterey Bay, California. March 2015.
 33. Inglis, S., A. Kristmundsson, M.A. Freeman, K.D.E. Stokesbury. Apicomplexan infection causing gray meat in the Atlantic sea scallop, *Placopecten magellanicus*. National Shellfisheries Association's 107th Annual Conference. Monterey Bay, California. March 2015.
 34. Rosellon-Druker, J.M. and Stokesbury, K.D.E. Effects of marine protected areas, environmental conditions, and biological interactions on the abundance of echinoderms on Georges Bank. International Council for the Exploration of the Sea (ICES) Annual Science Conference. A Coruna, Spain. September 2014.
 35. O'Keefe, C.E. and K.D.E. Stokesbury. From bust to boom: The success of industry collaboration in US scallop research. Fisheries Leadership & Sustainability Forum, San Diego, CA. 2014.
 36. Adams, E.K. A new groundfish survey technique examining Georges Bank Yellowtail Flounder. Dock-u-mentaries outreach event, May 16, 2014 New Bedford, MA
 37. Malloy Jr, R., Bethoney, N.D and Stokesbury, K.D.E. Applying dredge and optical methods to compare sediment classification and size frequency of the sea scallop (*Placopecten magellanicus*). National Shellfisheries Association's 107th Annual Conference. Monterey Bay, California. March 2015.

38. Bethoney ND, Schondelmeier BP, Stokesbury KDE, Hoffman WS, Armstrong MP. Characterization of river herring bycatch in the northwest Atlantic mid-water trawl fisheries. American Fisheries Society annual meeting, Québec City, Canada August 2014.
39. Adams, E.K. Measuring the performance of the northeastern United States research set aside programs. UMassD Three Minute Thesis Competition, Dartmouth, MA. April 24, 2014.
40. Bethoney ND, Schondelmeier BP, Stokesbury KDE, Hoffman WS, Armstrong MP. River herring bycatch characterization and avoidance in the Atlantic herring and mackerel fishery. Maine Fishermen's Forum. Rockport, Maine March 2014.
41. Adams, E.K. and C. Bank. Presentation and scallop dissection to ten high school student interns at the Whaling Museum. May 16, 2013.
42. Adams, E.K. Presentation and scallop dissection to sixteen grade school students at the Working waterfront camp. New Bedford. August 1, 2013.
43. Adams, E.K. Presentation and scallop dissection to twenty-one high school students at Medfield High School. November 25, 2013.
44. Adams, E.K. M. Levesque, and R. Jarvis. Presentation and scallop dissection to forty high school students at the High School Science Symposium. March 20, 2014.
45. Adams E.K. Presentation and scallop dissection to fourteen high school students at the Ocean Explorium, New Bedford, MA. March 27, 2014.
46. Adams, E.K. Presentation and scallop dissection to fifty high school students at Mansfield High School. April 3, 2014
47. Bethoney, N.D. K.D.E. Stokesbury, River Herring Bycatch Avoidance Peabody, Herring Oversight Committee Boston, 19 September 2013.
48. Bethoney, N.D. K.D.E. Stokesbury, River Herring Bycatch Avoidance Peabody, Reykjavik, Iceland - ICES ASC, 23 September 2013.
49. Bethoney, N.D. K.D.E. Stokesbury, River Herring Bycatch Avoidance Peabody, River herring Network Annual Meeting, Bourne, Massachusetts 24 October 2014.
50. Bethoney, N.D. K.D.E. Stokesbury, River Herring Bycatch Avoidance Peabody, Dynamic Ocean Management workshop, Honolulu, Hawaii 3 December 2013.
51. Inglis, S., K.D.E. Stokesbury. Tracking Gray Meat on Georges Bank. DFO seminar series, UMASSD. Fairhaven MA, 30 April 2014.
52. Inglis, S., K.D.E. Stokesbury. Tracking Gray Meat on Georges Bank. Sea Scallop Stock Assessment meeting 1 (SARC-59). NMFS Woods Hole, MA. 20 March 2014.
53. Levesque, M. Sea Scallop video sampling. Doc-U-mentary series, New Bedford Working Waterfront. 16 May 2014.
54. O'Keefe, C.E. and S.X. Cadrin. 2014. Proactive management and reactive regulation: Accounting for bycatch in the US sea scallop fishery. Alaska Sea Grant Fisheries Bycatch: Global Issues and Creative Solutions Symposium, Anchorage, Alaska.
55. O'Keefe, C.E. 2013. The ones that got away: Avoiding bycatch in commercial fisheries. Keynote Address, 31st Annual High School Marine Science Symposium, Dartmouth, Massachusetts.
56. O'Keefe, C.E., G. DeCelles and S.X Cadrin. 2014. Using fishermen-reported data to reduce bycatch: The US sea scallop example. Fishery Dependent Information Symposium, FAO, Rome, Italy.
57. O'Keefe, C.E. 2013. Forming partnership to reduce bycatch. Dynamic Ocean Management Workshop, Honolulu, Hawaii.

58. O'Keefe, C.E. 2013. Considering accountability measures in catch limits. Massachusetts Marine Fisheries Institute End-to-End Review: Overfishing Reference Points and Uncertainty Buffers, New Bedford, Massachusetts.
59. O'Keefe, C.E., G.R. DeCelles, S.X. Cadrin, D. Georgianna and KDE Stokesbury. 2013. An incentive-based approach to reducing bycatch in the US sea scallop fishery. American Fisheries Society Annual Meeting W-CO-11, Little Rock, Arkansas
60. Marine Fisheries Field Research Group. 2013. Working Waterfront Festival. New Bedford, MA. Public Presentation and Outreach. 29-30 September. 2013
61. Marine Fisheries Field Research Group. Fish Expo. New Bedford, MA. Public Presentation and Outreach. 13-14 June 2013.
62. Adams, EK. 2013. Fishing for Funds: Financing Fisheries Research. Three Minute Thesis Competition, University of Massachusetts, Dartmouth, N. Dartmouth, MA. 10 May. Student Presentation.
63. Adams, EK. 2013. SMAST Department of Fisheries: Who We Are and What We Do. The School for Marine Science and Technology, New Bedford, MA. 8 May. Public Presentation.
64. Adams, EK and S. Inglis. 2013. Massachusetts Marine Educators High School Symposium. University of Massachusetts-Dartmouth, North Dartmouth, MA. 20 March. Public Presentation.
65. Adams, EK and HM Marshall. 2013. Scallops: A Local Fishery. Girls Interested in Real Life Science program, Ocean Explorium, New Bedford, MA. 20 March. Public presentation.
66. Adams, EK, KDE Stokesbury, and D. Georgianna. 2013. The Performance of the Northeast US Research Set-Aside Program. Southern New England American Fisheries Society Winter Meeting. Groton, Connecticut. January 16, 2013 Student Presentation.
67. Marine Fisheries Field Research Group. 2012. Working Waterfront Festival. New Bedford, MA. 29-30 September. Public Presentation and Outreach.
68. Adams, EK. 2012. Working Waterfront Camp. New Bedford Visitor Center, New Bedford, MA. 9 August. Public Presentation.
69. Marine Fisheries Field Research Group. 2012. Fish Expo. New Bedford, MA. 13-14 June. Public Presentation and Outreach.
70. Adams, EK. 2012, KDE Stokesbury, and D. Georgianna. The Performance of the Northwest Atlantic Research Set Aside Program. World Fisheries Congress. Presentation. Edinburgh, Scotland. 7-11 May. Student Presentation.
71. Thompson KJ, Inglis SD, Stokesbury KDE. Identifying Spawning Events of the Sea Scallop, *Placopecten magellanicus*, on Georges Bank. Southern New England Chapter of the American Fisheries Society. Groton, CT. January 16, 2013.
72. Thompson KJ, Inglis SD, Stokesbury KDE. Identifying Spawning Events of the Sea Scallop, *Placopecten magellanicus*, on Georges Bank. 19th International Pectinid Workshop. Florianopolis, Santa, Catarina, Brazil. April 10-16, 2013.
73. Thompson, KJ. Sex Down Under: The Secret Life of Sea Scallops. 3rd Annual Three Minute Thesis Competition at the University of Massachusetts Dartmouth. North Dartmouth, MA. May 10, 2013. Award: 2nd place (\$500 reward).
74. Bethoney ND, River Herring Bycatch Avoidance in Small Mesh Fisheries, MARACOOS Annual Meeting, Baltimore MD, 1 November 2012.
75. Bethoney ND, Schondelmeier BP, Stokesbury KDE, Hoffman WS, Quantifying and reducing river herring bycatch in the U.S. northwest pelagic trawl fisheries, ICES Annual Science Conference, Bergen Norway, 27 September 2012

76. Bethoney ND, Stokesbury KDE, Cadrin SX. The utility of environmental predictors of catch to reduce bycatch in the northwest Atlantic mid-water trawl fishery, The Relative Importance of Fishing and the Environment in the Regulation of Fish Population Abundance, A Symposium of the American Institute of Fishery Research Biologists, New Bedford MA, 26 June 2012.
77. Harris, B.P. and Stokesbury K.D.E., Habitat conditions in persistent, high-concentration sea scallop (*Placolekten magellanicus*) aggregations on Georges Bank, USA. University of Alaska Fairbanks - School of Fisheries and Ocean Sciences, Juneau, AK, November 9, 2012
78. O'Keefe, C.E., S.X. Cadrin and K.D.E. Stokesbury. 2012. Evaluating Success of Bycatch Mitigation Measures. ICES Annual Science Conference 2012/C17; Bergen, Norway, 20 September 2012.
79. O'Keefe, C.E. 2012. Bycatch Mitigation in Commercial Fisheries. Marine Resource Education Program Mid-Atlantic Science Module; Baltimore, MD, 27 November 2012.
80. Rosellon-Druker, J.M, Saang-Yoon, H and Cadrin, S.X. 2012. Effect of marine protected areas on the spatial and temporal distribution of yellowtail flounder (*Limanda ferrugineus*) on Georges Bank. International Council for the Exploration of the Sea (ICES) Annual Science Conference. Bergen, Norway. September 2012.
81. Thompson KJ, Inglis SD, Stokesbury KDE. Identifying Spawning Events of the Sea Scallop, *Placopecten magellanicus*, on Georges Bank. 104th Annual Meeting of the National Shellfisheries Association. Seattle, WA. March 25-29, 2012. Award: 2012 Gordon Gunter Award for outstanding student poster presentation
82. Thompson KJ, Inglis SD, Stokesbury KDE. Identifying Spawning Events of the Sea Scallop, *Placopecten magellanicus*, on Georges Bank. Southern New England Chapter of the American Fisheries Society. Groton, CT. January 16, 2013.
83. Thompson KJ, Inglis SD, Stokesbury KDE. Identifying Spawning Events of the Sea Scallop, *Placopecten magellanicus*, on Georges Bank. 19th International Pectinid Workshop. Florianopolis, Santa, Catarina, Brazil. April 10-16, 2013.
84. Thompson, KJ. Sex Down Under: The Secret Life of Sea Scallops. 3rd Annual Three Minute Thesis Competition at the University of Massachusetts Dartmouth. North Dartmouth, MA. May 10, 2013. Award: 2nd place (\$500 reward).
85. Carey JD, Stokesbury KDE. Tracking the Population Dynamics of a Large Sea Scallop Year Class in the Gulf of Maine. 104th National Shellfisheries, Seattle, WA (March 25-29, 2012).
86. Harris, B.P., J. Grabowski, K.D.E. Stokesbury. Effects of mobile fishing gear on geological and biological structure: a Georges Bank closed versus open area comparison. 6th World Fisheries Congress "Sustainable Fisheries in a Changing World" Edinburgh, Scotland, 7th to 11th May 2012.
87. O'Keefe, C. G. Decelles, S. Cadrin, D. Georgianna, K.D.E. Stokesbury. Incorporating fishery incentives to reduce bycatch and discards. 6th World Fisheries Congress "Sustainable Fisheries in a Changing World" Edinburgh, Scotland, 7th to 11th May 2012.
88. Carey JD, Stokesbury KDE. Examining the Distribution and Spatial Interaction of Juvenile and Adult Sea Scallops with High-Resolution Still Imagery. American Fisheries Society 141st Annual Meeting. Seattle, WA. 4-8 September 2011(Honorable mention in best student presentation award competition).

89. O'Keefe, C.E., G. DeCelles, S.X. Cadrin, D. Georgianna and K.D.E. Stokesbury. 2011 Cooperative Behavior to Avoid Bycatch in the US Sea Scallop Fishery. American Fisheries Society Annual Meeting 95-2, Seattle, Washington. 7 September 2011.
90. O'Keefe, C.E. and S.X. Cadrin. 2011. The advantages of proactive management over reactive regulations for implementing accountability in the US sea scallop fishery. ICES ASC 2011/P10, Gdansk, Poland. 22 September 2011.
91. O'Keefe, C.E. and Kevin D.E. Stokesbury. 2011. The success of industry collaboration in US sea scallop research. Northeast Regional Collaborative Research Conference, Portsmouth, NH. 27 October 2011. O'Keefe, C.E. 2011. SMAST Yellowtail Flounder Bycatch Avoidance System. Cape Cod Commercial Hook Fishermen's Association, Chatham, MA. 14 December 2011.
92. O'Keefe, C.E. 2012. An incentive-based, collaborative approach to maximize yield by avoiding bycatch in the US sea scallop fishery. University of Massachusetts Dartmouth, School for Marine Science and Technology, Fairhaven, MA. 23 February 2012. (Dissertation proposal defense).
93. Bethoney, N.D., K.D.E. Stokesbury, B.G. Stevens, M.A. Altabet, The impact of bait on the susceptibility of American lobsters (*Homarus americanus*) to shell disease investigated using nitrogen isotope ratios. National Shellfish Association annual meeting, Baltimore 30 March 2011. honorable mention in the Thurlow C. Nelson award competition
94. Mott, C.L. and K.D.E. Stokesbury, Biological and physical influences on the shell growth of the sea scallop *Placopecten magellanicus*. National Shellfish Association annual meeting, Baltimore 31 March 2011.
95. Carey, J. Examining Juvenile scallop distribution. International Pectinid Workshop April 20-26, 2011, Qingdao, China. Won the The Alan Ansell Memorial Award for Best Student Presentation.
96. Bethoney, N.D., K.D.E. Stokesbury, B.G. Stevens, M.A. Altabet, The impact of bait on the susceptibility of American lobsters (*Homarus americanus*) to shell disease investigated using nitrogen isotope ratios. Southeastern regional meeting of the American Fisheries Society Jan 2011.
97. Jon Carey. Examining Juvenile scallop distribution. International Pectinid Workshop April 20-26, 2011, Qingdao, China. Southeastern regional meeting of the American Fisheries Society Jan 2011.
98. Harris, B.P. and K.D.E. Stokesbury. Investigating *persistent high-concentration* sea scallop (*Placopecten magellanicus*) aggregations on Georges Bank. Dept Fisheries Oceanography Seminar Series, PhD presentation. 16 Nov 2010.
99. O'Keefe, C. E., G. DeCelles, S. X. Cadrin, D. Georgianna and K.D.E. Stokesbury, Confronting the Bycatch Issue: An incentive-led approach to maximizing yield in the US sea scallop fishery, ICES Annual Science Conference, France. 21 Sept 2010.
100. O'Keefe, C.E. and K.D.E. Stokesbury. From Bust to Boom: The success of industry collaboration in US sea scallop research. ICES Annual Science Conference. 23 September 2009. (Best Paper Award).
101. Marino, Michael C. II and Kevin D.E. Stokesbury. Variations in spatial patterns of sea star populations between sea scallop beds in the Nantucket Lightship Closed Area on Georges Bank. Benthic Ecology Annual Meeting, Providence, RI, 11 April 2008.

102. Milligan, Peter J., Jefferson Turner and Kevin D.E. Stokesbury. Examining the abundance, distribution and size of American lobster (*Homarus americanus*) larvae in Buzzards Bay, Massachusetts. Benthic Ecology Annual Meeting, Providence, RI, 11 April 2008.
103. Sarro, Christopher and Kevin D.E. Stokesbury. Temporal variation in meat yield of sea scallops in the Georges Bank fishery. National Shellfisheries Association 100th Annual Meeting, Providence, RI, 10 April 2008.
104. Courchene, Brent M. and Kevin D.E. Stokesbury. Calibration of an American Lobster (*Homarus americanus*) Ventless Trap Survey: Determining Efficiency and Selectivity. Fishermen and Science Research Symposium, Truro, NS, 12-13 February 2008.
105. Milligan, Peter J., Jefferson T. Turner and Kevin D.E. Stokesbury. Examining the variability in the distribution, abundance and size of American lobster (*Homarus americanus*) larvae in Buzzards Bay, Massachusetts. Fishermen and Science Research Symposium, Truro, NS, 12-13 February 2008.
106. Milligan, Peter J. Settlement Collectors in Buzz Bay MA 2007: Our man-draulic experience. International collaboration of *Homarus americanus* settlement collectors, Truro, NS. 12 February
107. MacDonald Alyssa M. and Kevin D.E. Stokesbury. Estimating spatially specific abundance and distribution of skate in the western north Atlantic. 2nd Annual School for Marine Science Research Colloquium. Lowell, MA. 24 January 2008
108. Bachman, Michelle. Yellowtail flounder bycatch in 2006 CAII scallop fishery. SMAST Sack Lunch Seminar Series. New Bedford, MA. 10 December 2007.
109. Adams, Charles F. Geostatistical comparison of two independent video surveys of scallop abundance in the Elephant Trunk Closed Area. SMAST Department of Fisheries Oceanography Seminar Series. New Bedford, MA. 28 September 2007
110. Harris, Bradley P. and Kevin D. E. Stokesbury, Examination of sea scallops and benthic habitat using underwater video on the North Atlantic Continental Shelf I. Section: Using Video Technology for Fisheries Applications, 135th Annual Meeting American Fisheries Society, Anchorage, AK, 11 – 15 September 2005.
111. Nogueira, Jacob I. and Kevin D.E. Stokesbury. Implications of marine protected areas on sea scallop recruitment in the Northwest Atlantic. ICES Annual Science Conference, Aberdeen, Scotland, 20 – 24 September 2005.
112. Harris, Bradley P. & Kevin D.E. Stokesbury, Using underwater video to examine sea scallops and benthic habitat. Boston Sea Rovers Annual Convention, 5 Mar 2005.
114. Harris, Bradley P. & Kevin D.E. Stokesbury, Comparison of tag-recapture shell growth of sea scallops (*Placopecten magellanicus*) in two areas of western Georges Bank ICES CM 2004/ Session K, Vigo, Spain, 22-25 Sept 2004.
116. Nogueira, J. Presentation title: Examination of the stock- recruitment relationship of the sea scallop, *Placopecten magellanicus*. SMAST Sack-lunch Seminar, 30 April 2004.
117. Marino, M. Examination of Sea star – Sea scallop Predator – Prey Interactions on Georges Bank, Sack Lunch Seminar (SMAST), 30 April 2004.
118. Marino, M. Examination of Sea star – Sea Scallop Predator – Prey Interactions on Georges Bank, Scallop Predation Workshop – Magdalen Islands, Canada, 29 February 2004
119. Nogueira, J. and K.D.E. Stokesbury. Examination of the stock recruitment relationship of sea scallop, *Placopecten magellanicus*. Southern New England Chapter of the American Fisheries Society, Old Lyme CT, 21 January 2004.

120. Marino, M. Examination of Sea star – Sea Scallop Predator – Prey Interactions on Georges Bank, South Eastern New England Chapter of the American Fisheries Society, 21 January 2004.
121. Marino, M. K.D.E. Stokesbury, and F. Juanes. Examination of sea scallop-sea star predator-prey interactions on Georges Bank. Southern New England Chapter of the American Fisheries Society, Old Lyme CT, 21 January 2004.
122. Nogueira, J. Insight into the stock- recruitment relationship of the sea scallop, *Placopecten magellanicus*. American Fisheries Society Student Colloquium- University of West Virginia, 8 November 2003
123. Marino, M. Examination of Sea star – Sea Scallop Predator – Prey Interactions of Georges Bank, AFS Student Colloquium at the University of West Virginia, 8 November 2003.
124. Harris, B.P., and K.D.E. Stokesbury. Growth for sea scallops in the Nantucket Lightship Closed Area of Georges Bank. American Fisheries Society annual meeting, Quebec City, Quebec, 10-14 August 2003.
125. Harris, B.P., and K.D.E. Stokesbury. New England Fisheries Management Council, Joint Advisory Panel Meeting. GIS Habitat mapping of Georges Bank. Tauton, MA. 6 February 2003.
126. Harris, B.P., and K.D.E. Stokesbury. Growth estimate for sea scallops in the Nantucket Lightship Closed Area of Georges Bank. Southern New England Chapter of the American Fisheries Society, 14 January 2003. (received Best Student Paper Award).
127. Marino, M. K.D.E. Stokesbury, and F. Juanes. Examination of sea scallop-sea star predator-prey interactions on Georges Bank. Southern New England Chapter of the American Fisheries Society, 14 January 2003.
128. Harris, B.P. Sea scallop research on Georges Bank: A University-Industry Collaboration. National Estuarine Research Reserve, Kachemak Bay seminar series. 3 January 2003.
129. Harris, B.P. Sea scallop research on Georges Bank: Collaborative Fisheries Research-the SMAST Video Survey of Georges Bank. The Alaska Department of Fish and Game. 3 January 2003.
130. Harris, B.P. and K.D.E. Stokesbury. Growth and movement of sea scallops in the southern part of the Great South Channel on Georges Bank: a tagging study. Annual Meeting of the National Shellfisheries Association, 16 April 2002, Mystic, Connecticut.

CONTRIBUTED POSTERS:

1. Stokesbury, Kevin D. E. et al. Conservation through Cooperation: Seven years of Cooperative Research between the University of Massachusetts and the Commercial Sea Scallop Industry. Section: Partnerships for a Common Purpose: Cooperative Fisheries Research and Management, 135th Annual Meeting American Fisheries Society, Anchorage, AK, 11 – 15 September 2005.
2. Stokesbury, K.D.E. and B. Harris. A Before-After-Control-Impact Study of the Sea Scallop Fishing Grounds of Georges Bank. Symposium on the Effects of Fishing activities on benthic habitats. USGS, NOAA, AFS, ESA. Tampa Florida, 12-14 November 2002.
3. Stokesbury, K.D.E. Video survey of the sea scallop, *Placopecten magellanicus*, in closed areas of Georges Bank. Aquaculture 2001, Orlando, Florida, 21-25 January 2001.
4. Stokesbury, K.D.E. and S.W. Ross. Spatial distribution and absolute density estimate of juvenile spot *Leiostomus xanthurus* in the tidal fringe near a salt marsh border. 13th International Estuarine Research Federation Conference 12-16 Nov. 1995

5. Stokesbury, K.D.E., and J.H. Himmelman. Spatial distribution of the giant scallop *Placopecten magellanicus*: aggregation at small scale. Annual meeting of the Canadian Society of Zoologists; Bulletin 1992, 23: 2.

CONTRIBUTED POSTERS PRESENTED BY MY STUDENTS:

1. Riley, C. and K.D.E. Stokesbury. Baseline Benthic Habitat Assessment of the Vineyard Wind Lease Area in the Massachusetts Wind Energy Area. Southern New England Chapter, American Fisheries Society. 11 January 2021.
2. Calabrese, N.M., T. Lowery, and K.D.E. Stokesbury. A Video Trawl Survey for Atlantic Cod (*Gadus morhua*) in the Gulf of Maine. Gulf of Maine 2050. 4-8 Nov 2019.
3. Zygmunt, A., S. Cadrin, K.D.E. Stokesbury. Determining fisheries monitoring priorities for offshore wind farms. South-East New England American Fisheries Society. 5 June. 2019.
4. Goulet, M., Stokesbury, K.D.E, Fay, G., Buekers-Stewart, B. 2019. Resiliency of Marine Benthic Communities in Sea Scallop Rotational Management Areas on Georges Bank. 2019 UMass IMS Research Symposium People's Choice Award. New Bedford, MA.
5. Calabrese, N.M., K.D.E. Stokesbury and T. Lowery. A video trawl survey for Atlantic Cod (*Gadus morhua*) in New England. American Fisheries Society Annual meeting Tampa, Florida, August 2017.
6. Horton, L. and K.D.E. Stokesbury. Epibenthic Response to 20+ Years Without Fishing on Georges Bank. American Fisheries Society Annual meeting Tampa, Florida, August 2017.
7. Lowery, T., DeCelles, G. and Stokesbury, K.D.E. Developing an Optical Survey for Georges Bank Yellowtail Flounder. American Fisheries Society 145th Annual Conference. Portland, Oregon. August 2015.
8. Levesque, M.L. Mortality assessment of gray meat disease in Atlantic sea scallops *Placopecten magellanicus*. National Shellfisheries Association's 107th Annual Conference. Monterey Bay, California. March 2015.
9. Kretsch, A.I., D. Georgianna, K.D.E. Stokesbury. Surfclam Survey Strategies. National Shellfisheries Association's 107th Annual Conference. Monterey Bay, California. March 2015.
10. Asci, S., K.D.E. Stokesbury. Estimating the impacts of fishing and recovery in the closed and opened areas of the Gulf of Maine, focusing on sea scallop mortality. National Shellfisheries Association's 107th Annual Conference. Monterey Bay, California. March 2015.
11. Cassidy, K.S., K.D.E. Stokesbury. Decline of American lobster abundance in Buzzards Bay, Massachusetts between 2005-2006 and 2013-2014. American Fisheries Society 144th Annual Conference. Quebec City, Canada. August 2014.
12. Kretsch, A.I., D. Georgianna, K.D.E. Stokesbury. Surfclam Survey Strategies. American Fisheries Society 144th Annual Conference. Quebec City, Canada. August 2014.
13. Malloy Jr, R., Bethoney, N.D., Inglis, S. and Stokesbury, K.D.E. Confirming video survey sediment and sea scallop size frequency observations with a modified sled dredge. American Fisheries Society 144th Annual Conference. Quebec City, Canada. August 2014.
14. Adams, E.K., K.D.E. Stokesbury, and D. Georgianna. Evaluations of Stakeholder Objectives as applied through Fishery Funded Research" International Council of the Exploration of the Seas Annual Science Conference, Reykjavik, Iceland Sept 23-27. 2013
15. Bethoney, N.D. K.D.E. Stokesbury, River Herring Bycatch Avoidance International Council of the Exploration of the Seas Annual Science Conference, Reykjavik, Iceland Sept 23-27. 2013

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ADDITIONAL QUALIFICATIONS AND MEMBERSHIPS:

American Institute of Fishery Research Biologists
 The American Fisheries Society
 The Ecological Society of America
 The National Shellfish Association (life-time member)

NITROX enriched air diving (NOAA/NURC)
 P.A.D.I. Open water SCUBA certificate
 RLSSC Life Saver Aquatic Emergency certificate
 RLSSC Leadership National Lifeguard certificate
 N.S. Heart Foundation (C.P.R.)
 Class A-1 Boating Certification (UNCW)

PROFESSIONAL ACTIVITIES IN SUPPORT OF RESEARCH AND PUBLICATION

Membership on numerous peer-review panels including, Sea Grant, and UNRC, Welsh Government, Scottish Government, ICES, DEFRA and FAO.

Anonymous peer-reviewed >100 journals and books.

I serve on the Fisheries Working Group examining wind farm development in offshore waters (MA Executive Office of Energy & Environmental Affairs); the City of New Bedford Mayor's Ocean and Fisheries council, and the Massachusetts Governor's Advisory panel on Fisheries.

Board of Editors: *Ecological Applications*: Appointed Jan 2007-2015, presently coordinating the review of 50 manuscripts.

Subject Editor for *Journal of Shellfish Research*.

Subject Editor for *Reviews in Fisheries Science and Aquaculture*.

ICES scallop Working Group (Chair 2012-2018)

ICES Windfarm/Fisheries Working Group 2019 -

Membership on peer-review panels including, Sea Grant, and UNRC.

University Service.

1. Service to SMAST.

- Chair of the Department of Fisheries Oceanography (2005-2016)
- Bi-weekly meetings with Dean of SMAST (ExCom).
- On team to design new SMAST building
- Chairing Search and Screen committee for CINAR fisheries Stock assessment faculty position (successfully filled).

- Chaired or served on 7 search and screen committee for faculty position.
- Chaired search and screen committee for the Dean of SMAST (06-07) and (10-11).
- Serving on SMAST curriculum committee.
- Serve on SMAST Academic Council.
- Served on “Friends of SMAST” committee
- MFI Research Director.
- Represented DFO Windfarm/Fisheries research for the UMass Zoom Summit Plenary on Sustainability and Climate Resilience: Coastal Communities, Energy, and Transportation plenary. 29th January 2021
- Represented DFO Windfarm/Fisheries research for ROSA DOE proposal.

2. Service to the IGS.

- Chair of the Living Marine Resources section of the IGS.
- Attended School for Marine Science and Technology faculty meetings.

3. Service to the University of Massachusetts Dartmouth.

- Serving on Scholar of the Year committee (2-year appointment 2019-2021).
- Chair of Teacher of the Year committee (2021-2023)
- Served on the Sabbatical committee
- Served on the 2005-2006 Chancellor’s Colloquium Series Advisory panel
- Served on the Public Award committee
- Served on Faculty Senate representing SMAST (2002 to 2006)
- Serve on Barney Frank Committee

Public Service.

1. Participation in community affairs.

I had the honor of being awarded the Standard-Times Southcoast Man of the Year (2018) along with my former student Cassie Canastra who was award Women of the Year (I am extremely proud of her).

The 29 Dec 2018 Newspaper article stated, “A Canadian scientist who made his academic home at the UMass Dartmouth School of Marine and Science and Technology, has tenaciously fought for years to improve the ways ocean life is measured, and to wed the inescapably important work of environmentalists to the equally vital work of the men and women who know the ocean best -- those who make their living on it. . . For his two decades of science in the public interest, and the connections he has made between fishermen and science, Dr. Kevin Stokesbury has been named The Standard-Times’ SouthCoast Man of the Year for 2018.”

My research on the Georges Bank sea scallop population continues to have a profound impact on our understanding of this unique ecosystem. My research impacts fisheries management, conservation and

the scallop fishing industry in a positive and constructive manner. Now it includes impact assessment of Windfarm development areas and their interaction with Fisheries.

My work aided in developing limited fisheries in the closed areas of Georges Bank, which resulted in a catch worth \$30 million in 1999 and \$25 million in 2000, while at the same time reducing the effects of fishing on the sea floor by greatly reducing dredging time. The indirect impact of these fisheries to the local economy was approximately \$100 million per year. Since 2002 New Bedford, MA, has been the number one fishing port in the United States for value landed because of the sea scallop harvest.

My research on the Georges Bank sea scallop population continues to have a profound impact on our understanding of this unique ecosystem. My research impacts fisheries management, conservation and the scallop fishing industry in a positive and constructive manner. We continue to hold monthly meetings with our fishermen's steering committee.

Our research is presented to the NEFMC through participation in PDTs and the Scallop Survey Advisory Panel, the NEFSC through the SAW for scallops, and the public in the form of school presentations, newspaper and magazine articles, educational brochures and outreach events. David Bethoney continues to organize the River Herring avoidance system for the sea herring and mackerel fisheries (refer to the real-time information presented on the SMAST websites).

I meet with Federal representatives of the Senate and Congress as part of the Ocean Conservancy Spatial Planning meetings, including staff from both the Minority and Majority on the Senate Subcommittee on Oceans (part of the Commerce Committee) in Washington for the past 6 years.

At the request of the groundfish industry we are continuing work on new ways to try and measure groundfish using acoustic and video techniques. We completed surveys placing a video camera system in the cod-end of a groundfish otter trawl. The results look promising and we hope to develop a full survey; that will sample an order of magnitude more sea floor than the conventional trawl surveys.

2. Consultation associated with one's area of professional competence.

We continue to have bi-monthly meetings with our Scallop Fishing Industry Steering Committee made up of fishermen, owners, and processors. This steering committee discusses management issues, the needs and concerns of industry, our present research, and future goals.

I chaired the ICES working group reviewing the scallop fisheries stock assessments for the European Union for the past six years and continue to serve on the working group.

We are also working cooperatively using our data to address several different issues, for example the recent article featuring the work of NOAA entitled: The Secrets of Stellwagen's Sand Lance, On the Water, page 34-35, May 2020. Our work was also featured as a contributing partner.

At the request of the groundfish industry we are continuing work on new ways to try and measure groundfish using acoustic and video techniques.

Our work is expanding into the effects of developing a windfarm industry. I am serving on an increasing number of panels looking at this. An example is the Public Radio's Divided Waters: offshore wind and fishing in Rhode Island; 30 Jan 2020, aired on 23 Feb 2020 URL to the web version of Divided Waters: <https://thepublicradio.org/episode/divided-waters-can-offshore-wind-energy-and-the-fishing-industry-coexist-in-the-age-of-climate-change->

My laboratory also has strongly supported the City of New Bedford's efforts to train commercial fishermen in safety at sea. We have supported the New Bedford Fishing Heritage Center with a display on our cooperative research entitled: Technology and Sustainability (picture below).

This year our laboratory social media active in outreach including:

- 1,468 people follow on Facebook.
- 447 on Instagram.
- 316 on Twitter
- Our "Marine Fisheries Field Research Group on YouTube 36 subscribers, 22 videos posted, 12,497 views.
- The highest SMAST YouTube video on our open codend groundfish research has 29,046 views.
- The JoVE electronic journal video on drop camera sampling methods has 4,631 views since 2018.

Our research has been featured in several documentaries and featurettes including National Geographics "Gathering Storm", UMASS Dartmouth "Come change the World", Food Export Northeast "Northeast US Seafood: Sustainable, Profitable and Delicious" and in their magazine called "Produit de La Mer".