



# ANDREA BOGOMOLNI, Ph.D

OCEAN STEWARD - EDUCATOR - COMMUNITY SCIENTIST

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## EDUCATION

**B.S.** Wildlife Fisheries and Conservation Biology, UC Davis, 1999

**B.A.** Studio Art, UC Davis, 1999

**M.A.** Biology, Boston University Marine Program, 2003: *Trophic Status, Contaminant Profile and Cytochrome P450 CYP1A activity in Harp, Harbor and Grey Seals of Cape Cod, MA*

**Ph.D.** Pathobiology, Dept of Pathobiology & Veterinary Sci. University of Connecticut, 2014: *Assessing differences in species susceptibility to Phocine Distemper Virus in harp, harbor and grey seals of the Northwest Atlantic*

**Certificate** in Core Public Health Competencies UCONN Masters in Public Health & CT Department of Public Health, 2012

## PROFESSIONAL DEVELOPMENT

**Racial Equity and Justice, Racial Justice Institute**, June 2019 & February 2022

**Facilitation- “Facilitating for Change”** New Learning Journey August 24-26 2022

**Facilitation Coaching**, Impact By Design, 2023

**Community Leadership Institute** Cape Cod, Class of 2017

I am an interdisciplinary community scientist working to improve ocean and human health. My expertise includes understanding pathogen transmission in marine animals, ecosystem intersections, marine mammal bycatch reduction, conservation challenges of rebounding marine mammal species, education and outreach. I also currently work in philanthropic program management in environmental and education issue areas, with a focus on equity, access and conservation fatigue.

The goals of all my efforts are first and foremost- to listen and learn. Through this approach I aim to identify the gaps and actions needed to mitigate human impacts on marine species while also allowing sustainable use of our limited natural resources and addressing the needs of our communities to do so.

## WORK EXPERIENCE

### Program Officer

Island Foundation, Marion, MA | May 2019-present

Responsible for managing the education and environment portfolio areas of the Foundation. Managed the Fishing Gear Marking Development Fund created to incentivize the creation of geo-locating technology to apply rope-less technology in our oceans. Developed a Conservation Resiliency Fellowship to address conservation fatigue and mental wellness in the conservation fields.

### Contractor

Integrated Statistics | January 2023-present

Support NEFSC Woods Hole, Protected Species Division, Conservation Ecology Branch, seal ecology research and sampling objectives.

### Consultant

Blue World Research Institute | April 2022- December 2022

Seal CODEX, Community Coordinator. Partnership with WildMe, BOEM and BWRI to coordinate conversations and communication to the seal research and conservation community of the northeast US to utilize the seal CODEX photo ID platform.

### Visiting Investigator

Woods Hole Oceanographic Institution, Woods Hole, MA | Sept 2018- August 2019

Characterizing marine mammal bycatch and depredation through cooperative fisheries research. Research based on multidisciplinary studies working with commercial fishermen to video document occurrence of bycatch and depredation and applying genomics and hard part analysis in the lab to understand diet of seals.

### Consultant

Revive & Restore Sausalito, CA | May-June 2019

Ocean Genomic Horizon Scan. A project to determine the biggest risks and solutions for Ocean Health and identify issues to distribute \$10 million in funds. Tasked with reviewing the most recent developments in Marine Mammal Health and interviewing the global leaders in marine mammal science.

### Postdoctoral Fellow

Woods Hole Oceanographic Institution, Woods Hole, MA | Sept 2015-Sept 2017

Morris Animal Foundation Traineeship Fellow. Postdoctoral project title: Assessing the pathogenesis and host susceptibility to dolphin morbillivirus in cetaceans.

## RESIDENCIES & FELLOWSHIPS

2019- Emerging Young Scientist in Residence, Mystic Aquarium (offered)

2018- Knoll Farms, Better Selves Fellow

2018- Peaked Hill Trust, Artist/Scientist in Residence at the Cape Cod National Seashore

## AWARDS

Switzer Environmental Leadership Fellowship, Switzer Foundation

Best Student Poster, American Fisheries Society Southern New England Regional Chapter Meeting

Multicultural Fellowship Award, UCONN

Department of Pathology and Veterinary Sciences, Pre-Doctoral Fellowship

Sounds Conservancy Grants Program/QLF Grant, Award

Interdisciplinary Research Training Initiative on Coastal Ecosystems and Human Health Fellowship (IRICH)

Humes Award Grant, Boston University Marine Program

## COMMUNITY OUTREACH

**Invited Speaker**, Invited to speak at 80+ community events, film (National Geographic) and panels on the ecology and biology of seals, conflict issues with seals, collaborative research, one health, marine mammal health, marine mammal stranding, toxicology and more over the last 20 years.

**Convener**, Organized over 15 Regional, National and International Meetings focused on marine mammal stranding, seals and ecosystem health. Co-organized workshops with federal partners as well as regional grassroots international organizations and experts.

### Postdoctoral Trainee

Woods Hole Oceanographic Institution, Woods Hole, MA & NOAA | Jan-Sept 2015

Tasked with reviewing the most recent developments in Marine Mammal Health and interviewing the global leaders in marine mammal science. Trainee-ship postdoc opportunity allowed for experience working with the NOAA Marine Mammal Health and Stranding Response Program. Duties included work to develop Health MAPP, a database system incorporating environmental, animal and ocean health data to understand marine coastal and ocean issues.

### Graduate Research Assistant

UCONN Storrs, CT Dept. of Pathobiology & Veterinary Science | Sept 2011- Sept 2014

Conducted graduate research on Phocine Distemper Virus including experimental design, sample coordination, laboratory work, writing manuscripts for peer review publication and thesis writing.

### Research Associate II | March 2007-January 2015

Research Assistant II | Oct 2005-March 2007

Woods Hole Oceanographic Institution, Woods Hole, MA.

Duties include research, necropsy, writing and sample coordination for several projects. The major projects involved a NOAA Oceans and Human Health project to conduct a survey of marine animal zoonotic pathogens as well as determination of cause of death for marine mammals. publication and thesis writing. Publication of several peer reviewed manuscripts, lectures and talks at national and international conferences. Related skills include necropsy of marine birds, marine mammals and sharks, sample preparation for virus, fungal bacterial and parasite pathogens, database creation and implementation. Collaborations and outreach with the fishing industry and partners, marine mammal stranding networks, terrestrial wildlife researchers, academic institutions as well as marine laboratories.

### Consultant

Biodiversity Research Institute, Portland, ME | July- Sept 2008

Development of protocols for scat collection from free ranging harbor seals for mercury analysis.

### Stranding and Database Coordinator

Eastern Caribbean Cetacean Network | Sept 2005- Sept 2015

Organized historical and current marine mammal stranding data for the Eastern Caribbean as well as organized trainings and workshops for the Spanish, English, French and Dutch Caribbean. Capacity building involved training both live and dead response to facilitate the creation of marine mammal stranding networks in these island nations and coordinating supplies and global expertise.

### Necropsy Coordinator

Cape Cod Stranding Network, Inc. Buzzards Bay, MA | April 2003- Oct 2005

Coordinated marine mammal necropsies of small and large cetaceans, seals and porpoise. Accomplishments include the creation of a streamlined data collection and sample processing method for all dead stranded marine mammals including a code system for cause of mortality.

### Guest Investigator

Woods Hole Oceanographic Institution, Woods Hole, MA | April 2003- Oct 2005

Appointment in the lab of Dr. Michael Moore.

### Guest Investigator

Woods Hole Oceanographic Institution, Woods Hole, MA | Oct 2017- current

Appointment in the lab of Dr. Rebecca Gast.

### Guest Student

Woods Hole Oceanographic Institution, Woods Hole, MA | April 2003- Oct 2005

Appointment in the lab of Dr. John Stegeman to complete Master's research work on CYP1A1 studies in seals on Cape Cod.

## COMMUNITY OUTREACH

**Creator, Co-Founder Northwest Atlantic Seal Research Consortium** (NASRC) (2008; 2013- present)

**Co-Creator, "Seals and Society"** a traveling exhibit through the New Bedford Whaling Museum. and at:

<https://www.whalingmuseum.org/exhibition/seals-and-society/>

### Recent Outreach

**Co-organizer, "Collaborative Workshop to Address Seal-Fisheries Interactions."** Virtual workshop to bring marine mammal stranding, fisheries managers and fishermen from the NE and NW Atlantic together to address seal bycatch. Virtual, December 9-10<sup>th</sup> 2021.

**Lead, NASRC 7<sup>th</sup> meeting.** Power of Partnerships. June 30<sup>th</sup> 2021. Virtual meeting in partnership with the NEFSC, Woods Hole Seal Research Program.

### Graduation Commencement

**Keynote speaker, The Greene School, West Greenwich, RI** June 12, 2021.

**Webinar Series,** Creation of a Webinar meeting summer series for NASRC (2020).

**Chair, NASRC 6th meeting.** "Seals and Society: Shifting Ecological and Social Baselines," UMass Dartmouth, SMAST Campus, New Bedford MA. May 3rd 2019.

**Panelist, Cape Cod National Seashore, White Shark Public Information Session: Sharks, Seals, and Public Safety,** November 14th 2018 Nauset Middle School, Orleans, MA.

**One Health Task Force Participant,** One Health Commission 2018.

**Pier Host Program,** at the Chatham Fish Pier, MA. Collaboration with the program started by the Cape Cod Commercial Fisheries Alliance, in partnership with the Atlantic White Shark Conservancy and the Northwest Atlantic Seal Research Consortium. 2018-present.

## TEACHING EXPERIENCE

### Adjunct Faculty

Massachusetts Maritime Academy, Buzzards Bay, MA | March 2019 – current

Marine Mammals, 4329. Biology, anatomy and physiology, threats to marine mammals, laws and human dimension research, with an emphasis on species and issues relevant to the experiences that the cadets at MMA may encounter. This includes interactions with North Atlantic rights and the navigational challenges to both whales and vessels. Spring 2020 & 2021 were developed into an on-line synchronous course.

### Faculty

Marine Studies Consortium, Boston, MA | Sept 2020– January 2023

Bio 240A, Introduction to Marine Mammals. Development of curriculum and course work for undergraduate students from several universities. This course covers basic biology, anatomy and physiology, threats to marine mammals, laws and human dimension research. Fall 2020 was developed into an on-line synchronous course.

### Adjunct Lecturer

Bridgewater State University, Cape Cod. Yarmouth, MA | July 2015- Nov 2020

BIOL 408 Marine Mammal Biology, (07/05/2015-8/04/2019); Marine Conservation Challenges, Senior College (Fall 2020). Development of curriculum and course work for 10-20 undergraduate and graduate students in this intensive summer science and writing course. Along with this course, lectures are given outside of the normal course time for the "ask the professor" lecture series to promote open public education and outreach. A one -day workshop was also developed on Marine Mammals and Ocean and Human Health for the public.

### Teaching Faculty

Shoals Marine Laboratory, UNH/Cornell Appledore Island, ME | May 2015- Aug 2019

Co-Instructor for Marine Mammal Biology for undergraduate students from several universities. The course is an intensive 2-week summer course where students and faculty are expected to work 10 hours a day immersed in science, writing, teaching and communicating science. Classes are between 10-20 students. Students and faculty live at the Shoals Marine Lab. Related skills include course development, small boat operation and teaching science to a diverse range of students in an intensive 2 weeks course period. Education program analysis and evaluation is completed for every year of the course.

### Marine Mammal Research Mentor, Seal Research Program Lead

Shoals Marine Laboratory, UNH/Cornell Appledore Island, ME | May 2011- current

Development of science based curriculum and implementation of a long term undergraduate education program for Seal Research (SURG program). The data collected been used for aiding in management of marine mammals and presented at national and international conferences. internship program supports up to three interns each summer. Skills include boat Instruction, handling, photo ID, teaching, curriculum development and organizing guest lecturers to the island. Fourteen students have been mentored through this program.

### Instructor

Woods Hole Children's School of Science, Woods Hole, MA | June 2002- Aug 2018

Developed coursework and curriculum for several classes including: Seashore Life (age 7-8), Marine Mammals (age 13-15), Experiments in Woods Hole (age 13-16) and Global Sustainability (age 13-15). Classes are three weeks long each summer.

(outreach cont'd)

**Chair**, Northwest Atlantic Seal Research Consortium 5<sup>th</sup> Biennial Meeting: "Seals Science and Management: Where Research and Reason Meet." SMAST, New Bedford, April 27th 2018.

**WHOI Ocean Science Café**, Development of a community science lecture series with the Woods Hole Oceanographic Institution. First lecture, "Seals, Sharks and Humans." 2018.

**Session Chair**, Anatomy and Morphology Speaker Session, Society for Marine Mammalogy, Halifax NS, Canada, October 28, 2017.

**Panelist**, Pinniped Disentanglement Workshop Society for Marine Mammalogy Conference, Halifax, NS Canada October 28th 2017.

**Co-Chair**, Northwest Atlantic Seal Research Consortium, Health Working Group. Completed report on Pinniped Health Risk Factor. Published as a technical report through NOAA's Greater Atlantic Regional Office (GARFO). 2016.

**Organizer**, A Cooperative Training Workshop on Marine Animal - Fisheries Interactions for Scientists, Fishermen, Marine Mammal Stranding Network Personnel and Fisheries Managers Co-organized with O. Nichols. 2015.

## SCIENTIFIC REVIEW

2022- **Editorial Board, Review Editor** of Human-Wildlife Interactions; special section of Frontiers in Conservation Science (**currently open**).

2022- **Reviewer**, Frontiers in Marine Science

2022- **Reviewer**, Frontiers in Conservation Science

2019- **Reviewer**, Northeastern Naturalist

2015- **Reviewer**, Diseases of Aquatic Organisms

## APPOINTMENTS & COMMITTEES

2023 **Board Member**, Grantmakers Council of Rhode Island, 2023- present

2023 **Harbor Porpoise Take Reduction Team**, Conservation alternate

2022 **84<sup>th</sup> Massachusetts Legislative Seminar Cohort**, Massachusetts Senate Office of Education and Civic Engagement

2021 **Adjunct Faculty**, UMASS Boston, Boston, MA, Nov 2021- present

2020 **At-Large Member**, Stellwagen Bank National Marine Sanctuary, Sanctuary Advisory Council (2020-2023).

2020 **Grant Reviewer**, Mass Environmental Trust. (2020-2021)

2017 **Board of Trustees**, Member, National Marine Life Center, Buzzards Bay, MA. (2016-2019)

2017 **Board Member**, Friends of Monomoy National Wildlife Refuge, Chatham, MA. (2016-2019)

2012 **Chair, Northwest Atlantic Seal Research Consortium (NASRC)** Co-founder, Steering committee member, sealconsortium.org (2012-current). lead member and creator of a team delivering products and services related to conservation, education, and/or outreach programs for protected species, specifically pinnipeds in the NW Atlantic.

## PERMITS & AUTHORIZATIONS

Principle Investigator- NOAA LOC: Level B Harassment Permit: 20412: 2016-2021; 25751 2021-2026

Co-Investigator MMHSRP Permit # 18786-01 to 05: 2017-2021; #18786-06 2021-2022

Co-Principle Investigator MMPA General Authorization 17670-16260 (rev), #21719 NEFSC: 2011-2026; #26939 2023-2028

NMFS Education/Parts: Permit holder (2013-current).

NMFS Marine Mammal Tissues for health research purposes: Permit holder (current).

## RECENT GRANT AWARDS

**Fuller Foundation**, Healthy Wildlife Populations: Long Term Monitoring of the Harbor and Gray Seal Population at the Isle of Shoals, Maine. (\$7,000) December 2023. Shoals Marine Lab. 2024.

**Woods Hole Sea Grant**, Human Dimensions of Rebounding Populations of Seals and Sharks on Cape Cod, Collaborator. (\$106,000 PI Jennifer Jackman, Salem State) 2019.

**National Marine Sanctuaries Foundation**. Characterizing Depredation and Bycatch in NE Sink Gillnet (\$119,000, PI O. Nichols, Co- PIs A. Bocconcelli, A. Bogomolni and D. Feeney) 2018.

**US Marine Mammal Commission**. Pilot funds to Characterize Depredation and Bycatch in NE Sink Gillnet (\$40,000 PIs A. Bocconcelli, A. Bogomolni, O. Nichols) 2017.

**World Animal Protection**. Photo Identification and Population Counts at the Isles of Shoals: Characterization Entanglement in Harbor Seals and Gray Seals Documented at Duck Island, Isles of Shoals, Maine (\$1,000, PI) 2016.

**Ocean Life Institute, Woods Hole Oceanographic Institution**. Cetacean Susceptibility to Morbillivirus, Collaborator/Postdoc (\$38,923, PI R. Gast WHOI) 2015.

**Morris Animal Foundation Postdoctoral Traineeship Fellowship** (\$100,000) 2015.

## PUBLICATIONS

1. Bogomolni, A. L., Cammen, K. M., & Jackman, J. (2025) Rebounding Marine Mammal Species and Conservation Recovery Challenges. *Frontiers in Conservation Science*, 6, 1565870.
2. Paar III, J., Willis, J. R., Sette, L., Wood, S. A., **Bogomolni, A.**, Dulac, M., ... & Shanks, O. C. (2024). Occurrence of recreational water quality monitoring general fecal indicator bacteria and fecal source identification genetic markers in gray seal scat. *Science of The Total Environment*, 934, 173220.
3. Jackman, Jennifer L., Rachel Bratton, Seana Dowling-Guyer, Jerry J. Vaske, Lisa Sette, Owen C. Nichols, and **Andrea Bogomolni**. Mutualism in marine wildlife value orientations on Cape Cod: Conflict and consensus in the sea and on the shore. *Biological Conservation* 288 (2023): 110359.
4. Bratton, R., Jackman, J. Dowling-Guyer, S. Vaske, J. Winton, M., Sanderson, M., Nichols, O. Sette, L. **Bogomolni, A.**, Wood, S. (2023) Conflict with rebounding populations of marine predators: Management preferences of three stakeholder groups on Cape Cod, Massachusetts. *Ocean and Coastal Management*.
5. Jackman, J., Vaske, J. Dowling-Guyer, S., Bratton, R., **Bogomolni, A.**, Wood, S. (2023) Seals and the Marine Ecosystem: Attitudes, Ecological Benefits and Lethal Management Views. *Human Dimensions of Wildlife*: 1-17.
6. Puryear, W., Sawatzki, K., **Bogomolni, A.**, Hill, N., Foss, A., Stokholm, I., ... & Runstadler, J. (2021). Longitudinal analysis of pinnipeds in the northwest Atlantic provides insights on endemic circulation of phocine distemper virus. *Proceedings of the Royal Society B*, 288, 20211841.
7. **Bogomolni, A.**, Nichols, O. C., & Allen, D. (2021). A Community Science Approach to Conservation Challenges Posed by Rebounding Marine Mammal Populations: Seal-Fishery Interactions in New England. *Frontiers in Conservation Science*, 2, 34.
8. M Garron, A Bass, **A Bogomolni**, K Cammen. Northwest Atlantic Pinniped Health Risk Factors. Greater Atlantic Region Policy Series, 2021. Vol 21 No 1 (2021): Northwest Atlantic Pinniped Health Risk Factors 4-01-2021
9. Fire, S.E., **Bogomolni, A.**, DiGiovanni Jr, R.A., Early, G., Leighfield, T.A., Matassa, K., Miller, G.A., Moore, K.M., Moore, M., Niemeyer, M. and Pugliares, K., 2021. An assessment of temporal, spatial and taxonomic trends in harmful algal toxin exposure in stranded marine mammals from the US New England coast. *Plos one*, 16(1), p.e0243570.
10. Amy Apprill, Carolyn Miller, Jana M. U'Ren, Matthew S. Leslie, Laura Weber, Robin W. Baird, Jooke Robbins, Scott Landry, Misty Niemeyer, Kathryn Rose, **Andrea Bogomolni**, Gordon Waring. (2020). Host phylogeny shapes marine mammal skin microbiomes. *Royal Society Open Press*, 7 (5) 192046.
11. WD Krucki, B Mangold, **A Bogomolni**, W Puryear, T Romano, and M Keogh. (2020). Normal Blood Values of Weanling Northwest Atlantic Gray Seals. *Journal of Zoo and Wildlife Medicine* 51 (1), 228-231.
12. Hernandez KM, **Bogomolni AL**, Moxley J, Waring G, DiGiovanni R, Hammill M, Johnston D, Sette L, Polito M. (2019). Seasonal variability and individual consistency in gray seal (*Halichoerus grypus*) isotopic niches. *Canadian Journal of Zoology*. 97 (11), 1071-1077 <https://doi.org/10.1139/cjz-2019-0032>
13. Maria Clara Iruzun Martins, Lisa Sette, Elizabeth Josephson, **Andrea Bogomolni**, Kathryn Rose, Sarah M Sharp, Misty Niemeyer, Michael Moore. (2019). Unoccupied Aerial System assessment of entanglement in Northwest Atlantic gray seals (*Halichoerus grypus*), *Marine Mammal Science*, 35 (4), 1613-1624.
14. Frasca, S. Jr., Gast, R.J.G., **Bogomolni, A.** and S. Szczpanek. *Marine Disease Ecology- Diagnostics*. Section 3: Chapter 11. *Working with Infectious Diseases*. Oxford University Press. 2019.
15. Bernaldo de Quiros Y. Hartwick M, Rotstein D, Garner M, **Bogomolni A**, Greer W, Niemeyer M, Early G, Wenzel F, Moore M. (2018) Discrimination between Bycatch and Other Causes of Cetacean and Pinniped Stranding. *Diseases of Aquatic Organisms*. Vol. 127: 83–95. <https://doi.org/10.3354/dao003>
16. Moxley J, **Bogomolni A**, Hammill M, Moore K, Polito M, Sette L, Sharp B, Waring G, Gilbert J, Halpin P, Johnston Google Haul Out: Earth-Observation Imagery and Digital Aerial Surveys in Coastal Wildlife Management and Abundance Estimation. *Bioscience* 67, 8: 760-768. D. (2017).
17. Puryear WB, Keogh M, Hill N, Moxley J, Josephson E, Davis KR, Bandoro C, Lidgard D, **Bogomolni A**, Levin M, Lang S. (2016). Prevalence of influenza A virus in live-captured North Atlantic gray seals: a possible wild reservoir. *Emerging Microbes & Infections*. Aug 1;5(8): e81.

18. AL Bass, **AL Bogomolni**, GA Early, OC Nichols, K Patchett. 2016. Seals and ecosystem health: Meeting report of the Northwest Atlantic Seal Research Consortium. Woods Hole Oceanographic Institution. 2016-01.

19. **Bogomolni A.**, Bass A., Fire S., Jasperse L., Levin M., Waring G., De Guise S. (2016). Saxitoxin Increases Phocine Distemper Virus Replication upon In-Vitro Infection in Harbor Seal Immune Cells. *Harmful Algae* 51, 89-96.

20. Gebhard E., Levin M., **Bogomolni A.**, De Guise S. 2015. Immunomodulatory effects of brevetoxin (PbTx-3) upon in vitro exposure in bottlenose dolphins (*Tursiops truncatus*). (2016). *Harmful Algae* 44, 54-62.

21. **Bogomolni**, A Frasca Jr S., Levin M., Matassa K., Nielsen O., Waring G., De Guise S. (2015). In-Vitro Exposure of Harbor Seal Immune Cells to Aroclor 1260 Alters Phocine Distemper Virus Replication, *Archives of Environmental Toxicology* (2015) 1-12.

22. **Bogomolni, A.**, Frasca Jr, S., Nielsen, O., De Guise, S. (2015). Development of a One Step Duplex RT-qPCR Assay Detection of PDV. *Journal of Wildlife Diseases* 51(2) 454-465.

23. Bernaldo de Quirós, Y., Seewald, J.S., Sylva, S.P., Greer W., Niemeyer, M., **Bogomolni, A.L.**, Moore M.J. (2015). Compositional discrimination of decompression and decomposition gas bubbles in bycaught seals and dolphins. *PLOS One* 8:12, e83994, 2013.

24. Bolanos, J., Luksenburg, J., Mignucci-Giannoni, A.A., **Bogomolni, A.**, Blumenthal, J., Casas, J.J., Henriquez, A., Iniguez, M., Khan, J., Rinaldi, C., Rodriguez-Ferrer, G., Ward, N., Sutty, L., Giovannetti, N. (2014). Distribution, feeding habits and morphology of killer whales (*Orcinus orca*) in the Caribbean Sea. *Mammal Review*, 16 March 2014. doi: 10.1111/mam.12021.

25. Bolaños-Jiménez, J., Mignucci-Giannoni, A., Blumenthal, J., **Bogomolni, A.**, Casas, J. J., Henríquez, A., & Luksenburg, J. A. (2012). KILLER WHALES (*ORCINUS ORCA*) IN THE CARIBBEAN SEA AND ADJACENT WATERS OF THE CENTRAL-WESTERN ATLANTIC. *The Cetaceans of Aruba: a Multidisciplinary Study*, 72.

26. Ward, N., **Bogomolni, A.** Potter, C. A Stranding Guide to the marine mammals of the wider Caribbean region. An introductory guide for stranding responders. 2014.

27. Campbell-Malone, R and **Bogomolni, A.L.** Marine Mammal Forensics: Chapter in *Wildlife Forensics*, CRC Press, Ed. 2013. Dr J.E. and M. Cooper. 770 pp.

28. Paul D. Jepson, Michelle Barbieri, Susan G. Barco, Yara Bernaldo de Quiros, **Andrea Bogomolni**, Kerri Danil, Teri Rowles. Peracute underwater entrapment of pinnipeds and cetaceans. Chapter in: Moore, MJ, van der Hoop, J, Barco, SG, Costidis, AM, Gulland, FM, Jepson, PD, Moore, KT, Raverty S, McLellan, WA. (Editors) (2013). Criteria and case definitions for serious injury and death of pinnipeds and cetaceans caused by anthropogenic trauma: underwater entrapment, chronic entanglement, sharp and blunt vessel, and gunshot. *Diseases of Aquatic Organisms*. 103: 229–264.

29. Nichols, O., **Bogomolni, A.**, Matassa, K. Early, G. Sette, L. and S. Wood. Gulf of Maine Seals- Fisheries Interactions and Integrated Research. Workshop proceedings Technical Report WHOI document 2012-12. <http://www.whoi.edu/fileserver.do?id=129565&pt=2&p=41026>.

30. **Bogomolni, A.**, Early, G., Matassa, K., Nichols, O., Sette, L. Gulf of Maine seals - populations, problems and priorities. Technical Report WHOI document. <http://hdl.handle.net/1912/3701> WHOI-2010-04.pdf Date: 2010- 06.

31. **Bogomolni, Andrea**, Pugliares, Katie R, Sharp, Sarah M., Patchett, Kristen, Harry, Charles T., LaRocque, Jane M., Touhey, Kathleen M., and Michael Moore Mortality Trends of Stranded Marine Mammals on Cape Cod and Southeastern Massachusetts, U.S.A 2000-2006. *Dis Aquat Organ*. 2010 Jan 25;88 (2):143-55.

32. David C Evers, Robert P Mason, Neil C Kamman, Celia Y Chen, **Andrea L Bogomolni**, David L Taylor, Chad R Hammerschmidt, Stephen H Jones, Neil M Burgess, Kenneth Munney, and Katharine C Parsons. Integrated Mercury Monitoring Program for Temperate Estuarine and Marine Ecosystems on the North American Atlantic Coast. *Ecohealth* March 18, 2009.

33. Michael J. Moore, **Andrea L. Bogomolni**, Sophie E. Dennison, Greg Early, Michael M. Garner, Brett A. Hayward, Betty J. Lentell, and David S. Rotstein. Gas bubbles in seals, dolphins and porpoises entangled and drowned at depth in gill nets. *Veterinary Pathology* January 27, 2009.

34. Rose, Julie; Gast, Rebecca; **Bogomolni**, Andrea; Ellis, Julie; Lentell, Betty; Touhey, Kathleen; Moore, Michael. Occurrence and patterns of antibiotic resistance in vertebrates off the Northeastern United States coast. *FEMS Microbiology Ecology* 67: 421-431, 2009.

35. M. J. Moore, R. J. Gast, **A. L. Bogomolni**. Marine vertebrate zoonoses: an overview of the DAO Special Issue: DAO 81: 1-3, 2008.

36. **Bogomolni AL**, Gast RJ, Ellis JC, Dennett M, Pugliares KR, Lentell BJ, Moore MJ. Victims or vectors: a survey of marine vertebrate zoonoses from coastal waters of the Northwest Atlantic. DAO 81: 13-38, 2008.

37. Lasek-Nesselquist E, **Bogomolni AL**, Gast RJ, Welch DM, Ellis JC, Sogin ML, Moore MJ. Molecular characterization of Giardia intestinalis haplotypes in marine animals: variation and zoonotic potential, DAO 81:39-51, 2008.

38. Pugliaris, K., **Bogomolni, A.**, Touhey, K., Herzig, S. Harry, C.T., and M. Moore. Marine Mammal Necropsy: An Introductory Guide for Stranding Responders and Field Biologists. Woods Hole Oceanographic Institution Technical Report- WHOI-2007-06, September 2007.

39. Montie, E; Schneider, G; Moore, M; Ketten, D; Arruda, J; Touhey, K; **Bogomolni, A**; Hahn, M. Using magnetic resonance imaging (MRI) to obtain volume estimates of cetacean brain regions that depend on thyroid hormones for maturation. *Journal of Experimental Zoology Part A Comparative Experimental Biology*. 305A (2) 157, 2006.

40. **Bogomolni, A.**, Ellis, J., Gast, R., Harris, B., Pokras, M. and M. Moore. (2006) Emerging zoonosis in Marine Mammals and Sea Birds in the Northeast U.S. Oceans'06. MTS/IEEE-Boston, Massachusetts September 18-21, 2006. ISBN: 1-4244-0115-1.: 8 pp

41. Moore M, **Bogomolni A**, Bowman R, Hamilton P, Harry C, Knowlton A, Landry S, Rotstein D, Touhey K (2006) Fatally entangled right whales can die extremely slowly. Oceans'06 MTS/IEEE-Boston, Massachusetts September 18-21, 2006 - ISBN: 1-4244-0115-1.: 3 pp.

42. **Bogomolni, Andrea L.**; Campbell-Malone, Regina; Lysiak, Nadine; Moore, Michael J. Report of large whale restraint workshop. <http://hdl.handle.net/1912/2999> 2006.