

# **GEST (Girls Exploring Science and Technology) Event Duke Marine Lab April 2020**

## Aquatic Animal Veterinary Care

Below are some website links we wanted to share that help describe and give everyone an idea about the exciting work we do related to caring for animals at the NC Aquariums.

- NC Aquariums Vet Team
  - Head Veterinarian- Emily Christiansen
  - Associate Veterinarian-Lori Westmoreland
  - Veterinary Technician- Heather Broadhurst
  - Zoological Medicine Resident-veterinarian that works with the team to specialize in Zoo/Aquarium veterinary care
- Why important to provide veterinary care
  - Preventative animal health
  - Routine care
  - Clinical emergencies

Article describing the career path of Dr. Emily Christiansen and vet care at the NC Aquariums

- <https://www.coastalreview.org/2020/02/aquarium-vet-emily-christiansen-talks-turtles/>

Partners and collaborators with the NC Aquariums Vet team

- <https://cmast.ncsu.edu/programs-cmast/aquatic-animal-health/partnership-with-nc-aquarium-system/>
- <https://cvm.ncsu.edu/nc-state-provides-advanced-care-for-birds-at-the-north-carolina-aquarium-at-pine-knoll-shores/>

Annual Exams

- <http://www.ncaquariums.com/roanoke-island-whats-new/posts/alligator-physicals>
- <http://www.ncaquariums.com/roanoke-island-whats-new/posts/sea-urchins>
- <https://www.wwaytv3.com/2019/10/04/touch-tank-inside-look-at-stingrays-getting-checkup-at-aquarium/>

Surgery

- <https://news.ncsu.edu/2015/03/fish-surgery/>
- <https://wtkr.com/2019/07/28/north-carolina-aquarium-vet-removes-two-fish-hooks-stingray-barb-from-loggerhead-turtle/>

Sea turtle medicine

- <https://news.ncsu.edu/2014/02/tp-splintprint/>
- <https://www.camal.ncsu.edu/2013/09/19/3d-printed-external-brace-for-sea-turtle-flipper/>

#### Ultrasound Articles

- <https://www.livescience.com/64351-shark-embryos-swim.html>
- <http://savannahnow.com/news/2013-09-09/scientists-experiment-ultrasound-save-fish>
- <https://www.facebook.com/NCAquariumRI/photos/a.219886450378/10156264545735379/?type=3&theater>

#### Fish Diagnostics

- [https://www.facebook.com/NCAquariumRI/posts/10156708681340379?comment\\_id=10156711244900379&comment\\_tracking=%7B%22tn%22%3A%22R%22%7D](https://www.facebook.com/NCAquariumRI/posts/10156708681340379?comment_id=10156711244900379&comment_tracking=%7B%22tn%22%3A%22R%22%7D)
- <https://www.facebook.com/NCAquariumRI/videos/2368026070147912/>