

## Student Posters For full abstracts, visit [nseagrant.ncsu.edu/nc-coastal-conference/2017posters](http://nseagrant.ncsu.edu/nc-coastal-conference/2017posters).

- 1. North Carolina Coastal Area Management Act (CAMA) Goal Analysis: Estuarine Shoreline Stabilization Permitting** Betsy Baldwin, University of North Carolina Wilmington, ehb2904@uncw.edu, Faculty Adviser: Jessica Weinkle
- 2. The Flower Garden Banks National Marine Sanctuary and the Red Snapper** Kathy Cyr, University of North Carolina Wilmington, krc2128@uncw.edu, Faculty Adviser: Jessica Weinkle
- 3. Managing American Oystercatcher (*Haematopus palliatus*) Population Growth by Targeting Breeding Season Vital Rates** Shilo Felton, North Carolina State University, skfelton@ncsu.edu, Faculty Advisers: Theodore Simons and Kenneth Pollock
- 4. Morphological Modeling of Hatteras Island During Hurricane Isabel** Alireza Gharagozlou, North Carolina State University, agharag@ncsu.edu, Faculty Adviser: Casey Dietrich
- 5. Eukaryotic Phytoplankton Community Spatiotemporal Dynamics as Identified Through Gene Expression within a Eutrophied Estuary** Weida Gong, University of North Carolina at Chapel Hill, wdgong@live.unc.edu, Faculty Adviser: Adrian Marchetti
- 6. OBX Stakeholder Values and the CZMA: What is 'Wise Use' and How Can We Achieve It?** Hayley Grabner, University of North Carolina Wilmington, hpg1090@uncw.edu, Faculty Adviser: Jessica Weinkle
- 7. Goal of the Beach Act: Implications for Myrtle Beach, South Carolina** Genevieve Guerry, University of North Carolina Wilmington, gg6372@uncw.edu, Faculty Adviser: Jessica Weinkle
- 8. Quantifying Fecal Contaminants in Stormwater in Coastal North Carolina** Justin Hart, University of North Carolina at Chapel Hill, justhart@live.unc.edu, Faculty Adviser: Rachel Noble
- 9. Examining Fine-Scale Movement of Estuarine Southern Flounder (*Paralichthys lethostigma*) Using a Combination of Active and Passive Acoustic Techniques** Lisa Hollensead, University of North Carolina Wilmington, ldh7520@uncw.edu, Faculty Adviser: Frederick Scharf
- 10. Coastal Community Resilience: Developing and Testing a Framework for Evaluating Climate Change Vulnerabilities in Rural Eastern North Carolina** Matthew Jurjonas, North Carolina State University, mdjurjon@ncsu.edu, Faculty Adviser: Erin Seekamp
- 11. A Natural and Human Systems Coupled Agent-Based Model to Evaluate Housing Dynamics of Coastal Communities Facing Storms and Sea Level Rise** Ayse Karanci, North Carolina State University, akaranc@ncsu.edu, Faculty Adviser: Margery Overton
- 12. Hypoxia and Algal Bloom Modeling for the Neuse River Estuary** Alexey Katin, North Carolina State University, akatin@ncsu.edu, Faculty Adviser: Daniel Obenour
- 13. American Aquaculture: Pitfalls, Values, and Alternatives** Caitlin Lashbrook, University of North Carolina Wilmington, cel6705@uncw.edu, Faculty Adviser: Jessica Weinkle
- 14. Intergenerational Transfer: Are Children the Key to Building a Climate Resilient North Carolina Coast?** Danielle Lawson, North Carolina State University, dafrank2@ncsu.edu, Faculty Advisers: Kathryn Stevenson and Nils Peterson
- 15. Are All Rivers Created Equal? Determining How Food Web Dynamics Affect Fish Nursery Habitat** Deborah Lichti, East Carolina University, lichtid12@students.ecu.edu, Faculty Advisers: David Kimmel and Ariane Peralta
- 16. Were the Post-Sandy Staten Island Buyouts Successful in Reducing National Vulnerability?** Devon McGhee, Duke University, djm47@duke.edu, Faculty Adviser: Elizabeth Albright
- 17. Affects of Noise Pollution on Marine Mammals** Jackie Meyle, University of North Carolina Wilmington, jmm4816@uncw.edu, Faculty Adviser: Jessica Weinkle
- 18. Oregon Inlet: Can We Solve the Unresolved Morphological Puzzle?** Liliana Montoya, North Carolina State University, lvelasq@ncsu.edu, Faculty Adviser: Margery Overton
- 19. Invasion of the Body-Snatchers: Salinity Limits the Spread of an Invasive Castrating Parasite in Populations of North Carolina Mud Crabs** Christopher Moore, East Carolina University, moorech16@students.ecu.edu, Faculty Adviser: April Blakeslee
- 20. Effect of Bromide on Formation of Antibacterially Active Products During Chlorination of Water Containing Doxycycline** Nicole Neth, University of North Carolina at Charlotte, nkenned7@uncc.edu, Faculty Adviser: Olya Keen
- 21. Naturally Armoring North Carolina's Shores: Techniques and Benefits** Justin Ridge, University of North Carolina at Chapel Hill, ridge@unc.edu, Faculty Advisers: Tony Rodriguez and Joel Fodrie
- 22. Shellfish in the Human Dimension: An Examination of CAMA Protection of Coastal Resources** Jennifer Ryan, University of North Carolina Wilmington, jcr9894@uncw.edu, Faculty Adviser: Jessica Weinkle
- 23. Estimating Mortality for Southern Flounder Using a Combined Telemetry and Conventional Tagging Approach** Trevor Scheffel, University of North Carolina Wilmington, tks5852@uncw.edu, Faculty Adviser: Frederick Scharf
- 24. Modeling Nitrogen Loading Trends in Three North Carolina River Basins** Hayden Strickling, North Carolina State University, hlstrick@ncsu.edu, Faculty Adviser: Daniel Obenour
- 25. An Exotic Species Alters Patterns of Marine Community Development** Kathrynlynn Theuerkauf, North Carolina State University, kwjenkin@ncsu.edu, Faculty Adviser: David Eggleston
- 26. Density-Dependent Role of an Invasive Marsh Grass, *Phragmites australis*, on Ecosystem Service Provision** Seth Theuerkauf, North Carolina State University, sjtheuer@ncsu.edu, Faculty Adviser: David Eggleston
- 27. Estimating Southern Flounder Population Connectivity Using Otolith Geochemistry** Verena Wang, University of North Carolina Wilmington, vhw6375@uncw.edu, Faculty Adviser: Frederick Scharf
- 28. New Jersey Public Beach Access** Christopher Yoda, University of North Carolina Wilmington, cyoda6@gmail.com, Faculty Adviser: Jennifer Biddle