



Curriculum Vitae
Ryan M. Bare, M.S., CAPM
Houston Advanced Research Center (HARC)
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Education:

Doctorate of Philosophy, Water Management and Hydrological Science, Estimated completion 2019, Texas A&M University, College Station, Texas

Master of Science, Marine Resource Management, 2014,
Texas A&M University Galveston, Galveston, Texas

Bachelor of Science, Environmental Science - Marine and Coastal Resources, 2011,
Texas A&M University - Corpus Christi, Corpus Christi, Texas

Dissertation:

Forecasting Potential Human Health Risk to Improve Community and Economic Resilience to Changing Coastal Hazards.

Graduate Thesis:

Effects of wet and dry weather events on bacteria (enterococci) concentrations and detection of hotspots in a brackish water marina in Texas and Potential for Enterococci to be sequestered in marina sediments and the public health threat from the re-suspension of stored enterococci; indicating the presence of pathogenic microorganisms and sewage contamination.

Professional Experience:

Research Associate - Hydrology and Watersheds, Houston Advanced Research Center (HARC), The Woodlands, Texas, January 2017- Present

Research Assistant - Hydrology and Watersheds, Houston Advanced Research Center (HARC), The Woodlands, Texas, May 2014 – December 2016

Graduate Teaching Assistant - Coastal Development and Human Health, Texas A&M University Galveston, Galveston, Texas, January 2014 - May 2014

Water Quality Research Intern, Galveston Bay Foundation, Webster, Texas, May 2013 - September 2013

Marine Conservation, Global Vision International, Shia Ka'an Biosphere Reserve, Quintana Roo, Mexico, September 2011 - December 2011

Publications:

- Glenn, Stephanie M., **Bare, Ryan M.**, Neish, Bradley S., Modeling bacterial load scenarios in a Texas coastal watershed to support decision-making for improving water quality. Texas Water Journal, [S.I.], v. 8, n. 1, p. 57-66, aug. 2017. ISSN 2160-5319.

Presentations:

- Bare R.M., Optimizing Stormwater Management, Sustainable Site Design, and Water Efficiency. Oral presentation at the American Ecological Engineering Society's 18th annual meeting. Houston, Texas. June 14, 2018.
- Bare R.M., From Science to Action: Modeling Bacterial Loads in a Texas Coastal Watershed. Poster presentation at the 2018 Water Daze Symposium - Texas A&M University. College Station, TX. April 3, 2018.



- Bare R. M., S. Glenn, and B. Neish., Modeling Bacterial Loads in a Coastal Watershed. Oral presentation at the Galveston Bay Estuary Program's 10th State of the Bay Symposium. Galveston, Texas. January 13-14, 2016.
- Bare, R.M., Effects of wet and dry weather events on bacteria (Enterococci) concentrations and detection of hotspots in a brackish water marina in Texas. Poster presentation at the Texas Association of Environmental Professionals Environmental Challenges and Innovations Conference Gulf Coast. Houston, Texas. October, 2013.

Certifications/ Continuing Education:

- Certified Associate in Project Management – (CAPM, Project Management Institute)
- Galveston Bay Foundation Bacteria Sampler
- Galveston Bay Foundation Lab Assistant
- Advanced Certificate in Supervision of Biological Surveys
- PADI Advanced Open Water Diver
- PADI Specialty Diver in Coral Reef Research
- Advanced Microsoft Excel 2013

Awards:

- Texas A&M University College of Geoscience, Water Management and Hydrological Science Program Scholarship
- 2014 Gloor Memorial Texas Association of Environmental Professionals Scholarship
- International Education Scholarship

Professional Societies:

- Texas A&M Water Network
- Texas Section of the American Water Works Association