

MICHAEL S. LANE

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2106 Richmond Drive • Richmond, TX 77406 • (281) 750-2331

EDUCATION

University of Houston - Clear Lake M.S., Environmental Science May 2016

- 4.0 GPA
- Emphasis in Environmental Biology

Texas A&M University B.S., Wildlife and Fisheries Sciences May 2013

- 3.0 GPA
- Emphasis in Aquatic Ecology and Conservation
- Minor in Business Administration

EXPERIENCE

UHCL Environmental Institute of Houston- Research Assistant; Houston, TX June 2013-Present

- Collected and analyzed data for various freshwater and estuarine ecology research projects
- Led sampling crew on field surveys, especially biological collections
- Maintained equipment, vehicles, and boats
- Monitored water quality for the Clean Rivers Program in the Greater Houston area on a quarterly basis
- Utilized various sampling instruments and techniques (Water: YSI Sonde(s), Sontek FlowTracker, Sontek RiverSurveyor; Sediment: Ekman & Ponar dredges; Benthics: D-frame kicknet; Fish: boat & backpack electrofishers, seine, gillnet)
- Performed thesis project on EPA's 2013-2014 National Rivers and Streams Assessment (NRSA)

TAMU Aquatic Research and Teaching Facility- Undergraduate Intern; College Station, TX Fall 2012-Spring 2013

- Maintained aquaculture facility (outdoor ponds, indoor recirculating system)
- Participated in graduate students' experiments

Mac's Oysters Ltd.- Research Technician; Fanny Bay, BC Summers 2011 & 2012

- Contracted for research by the Department of Fisheries and Oceans Canada
- Conducted two experiments with shellfish 1) quantifying biomass estimation and 2) assessing biofouling reduction
- Worked in research, production, harvesting, and processing aspects of the shellfish industry

LEADERSHIP EXPERIENCE AND ACTIVITIES

Texas Academy of Science – Member Spring 2014-Present

- Attended annual conferences and presented thesis project research
- Competed in graduate student research competition

American Fisheries Society (Texas Chapter) – Member Fall 2013-Present

- Attended annual conferences and presented thesis project research

Boy Scouts of America – Eagle Scout Spring 2002-Spring 2009

- Actively participated in Troop 1656
- Served as Venture Crew Leader, Senior Patrol Leader, and Assistant Senior Patrol Leader
- Received Ben Carter Memorial Award for excellence in leadership, scout spirit, and helping others

HONORS

- Good Neighbor Scholarship (awarded two years consecutively) Fall 2014-Spring 2016
- Dean's List Fall 2012
- High School Cum Laude Spring 2009

PROFESSIONAL SKILLS

- Proficient with Microsoft Office (Word, Excel, and Powerpoint)
- Experience with statistical software including MiniTab and PRIMER
- Experience with Esri ArcMap GIS software
- Strong management and organization skills
- Ability to improvise and adapt to changing working conditions
- Ability to work independently and cooperatively