

# MICHAEL S. LANE

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## EDUCATION

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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

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**Freese and Nichols, Inc.**- Environmental Scientist; Houston, TX June 2016-Present

**UHCL Environmental Institute of Houston**- Research Assistant; Houston, TX June 2013-January 2016

- 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)
- Completed thesis project on EPA's 2013-2014 National Rivers and Streams Assessment (NRSA)

**TAMU Aquatic Research and Teaching Facility**- Undergraduate Intern; College Station, TX September 2012-May 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

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

- Attended annual conferences and presented thesis project research

**Texas Academy of Science – Member** Spring 2014-Spring 2016

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

**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

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- Good Neighbor Scholarship (awarded two years consecutively) Fall 2014-Spring 2016
- Dean's List Fall 2012

## PROFESSIONAL SKILLS

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- 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