

The Coastal Health & Water Quality (C-HaWQ) Lab at Texas A&M Corpus Christi (TAMUCC) is recruiting Master's (Environmental Sciences) and Ph.D. (coastal & Marine Systems Science) students for the Fall 2015 semester. We are seeking students interested in the fate, transport and effects of pollutants in agricultural areas, wetlands or coastal ecosystems. Our research focuses on, but is not limited to, pesticides, emerging contaminants (pharmaceuticals, endocrine disruptors, flame retardants, etc.) and marine microplastics. Students will develop a novel research project with lab and field components that expands our current knowledge of pollutant impacts on ecosystem health. TAMUCC's unique location allows for potential field research locally (Corpus Christi and Oso Bays), regionally (various Texas estuaries and the Gulf of Mexico) and/or internationally (Mexico).

**The Ideal Candidate.** We are seeking self-motivated, open-minded and detail-oriented students looking to push themselves beyond their comfort zones when developing and achieving goals. The ideal student must display excellent communication skills (written and oral) and be able to work independently as well as in a group setting that facilitates the success of all lab members. Specifically, we are looking for researchers with a strong background in environmental and/or analytical chemistry and prior research experience (undergraduate or master's level). Ideal candidates will possess a degree in chemistry, biochemistry, environmental science, biology or other related disciplines. Candidates must be willing to learn modern data processing techniques (modeling, statistical computing, spatial analysis, etc.) using various software packages (R, MATLAB, ArcGIS).

**Texas A&M Corpus Christi.** The University is rapidly growing and quickly becoming a hub for coastal, marine and environmental research across the Gulf of Mexico. Large investments in research infrastructure have led to the recent creation of isotope and genomics core labs, each of which grants researchers access to state-of-the-art techniques and methods. Moreover, the acquisition of additional instrumentation and equipment is planned to further expand the University's abilities to explore and better-understand coastal and marine ecosystem dynamics.

**Contact.** Please review the C-HaWQ Lab website (<http://conklelab.tamucc.edu/>) to learn more about our lab's research interests. To be considered for these positions, please email Dr. Jeremy L. Conkle ([jeremy.conkle@tamucc.edu](mailto:jeremy.conkle@tamucc.edu)) by December 1st and attach the following items: (1) letter of interest stating your background, research interests and how you would fit into our lab, (2) CV, (3) unofficial transcripts and (4) GRE scores. In your email, clarify whether you are interested in the Master's or Ph.D. Program. General information on admissions and degree requirements can be found on the Environmental Science Master's (<http://esci.tamucc.edu/master.html>) and Coastal & Marine Systems Science Ph.D. (<http://cmss.tamucc.edu/index.html>) program websites.

Jeremy  
JEREMY LANDON CONKLE  
ASSISTANT PROFESSOR

TEXAS A & M UNIVERSITY CORPUS CHRISTI

Department of Physical & Environmental Sciences

Room 104 Harte Research Institute

Corpus Christi, TX 78412

o. 361.825.2862 | f. 361.825.2025

[jeremy.conkle@tamucc.edu](mailto:jeremy.conkle@tamucc.edu)<<mailto:jeremy.conkle@tamucc.edu>>

[conklelab.tamucc.edu](http://conklelab.tamucc.edu/)<<http://conklelab.tamucc.edu/>>

ResearchGate<[https://www.researchgate.net/profile/Jeremy\\_Conkle2](https://www.researchgate.net/profile/Jeremy_Conkle2)> |

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