

# Dr. Leah Thornton Hampton

Scientist

Toxicology Department

Southern California Coastal Water Research Project

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## Education

Ph.D., Biology, University of North Texas, 2020

M.S., Biology, Texas Christian University, 2015

B.S., Zoology, Miami University, Honors with Distinction, 2013

## Professional Experience

Teaching Assistant, University of North Texas, Department of Biology, 2015-2020

Teaching Assistant, Texas Christian University, 2015-2016

## Professional Appointments

Society of Environmental Toxicology and Chemistry North America, Vice Chair of North American, Student Advisory Committee, 2018-Present

Society of Environmental Toxicology and Chemistry North America, Vice-Chair, 2017- 2018

Society of Environmental Toxicology and Chemistry North America 39th Annual Meeting, Sacramento, CA, Session Chair, 2018

Society of Environmental Toxicology and Chemistry North America 38th Annual Meeting, Minneapolis, MN, Session Chair, 2017

South Central Region Society of Environmental Toxicology and Chemistry, Student Representative, 2017-2018

Society of Environmental Toxicology and Chemistry South Central Chapter Meeting, Fort Worth, TX, Platform Presentation Moderator, 2016

## Honors and Awards

University of North Texas Graduate Student Research Award. 2018

University of North Texas Graduate Student Travel Grant. 2017, 2018

Society of Environmental Toxicology and Chemistry Student Travel Grant. 2015, 2019

Texas Christian University Graduate Student Travel Grant. 2015

Pollutant Responses in Marine Organisms Travel Grant. 2015

Adkins Fellowship from Texas Christian University. 2014. Summer Salary

Grant-In-Aid of Research from Sigma Xi, The Scientific Research Society. 2014

## Publications

Thornton LM, Path EM, Nystrom GS, Venables BJ, Sellin Jeffries MK. Embryo-larval BDE-47 exposure causes decreased pathogen resistance in fathead minnows (*Pimephales promelas*). *Fish and Shellfish Immunology* 2018, 80, 80-87. DOI: 10.1016/j.fsi.2018.05.059.

Thornton LM, Lesueur MC, Yost AT, Stephens DA, Oris JT, Sellin Jeffries MK. Characterization of basic immune function parameters in the fathead minnow (*Pimephales promelas*), a common model in environmental toxicity testing. *Fish and Shellfish Immunology* 2017, 61,163-172. DOI: 10.1016/j.fsi.2016.12.033.

Yost AT, Thornton LM, Venables BJ, Sellin Jeffries MK. Dietary exposure to polybrominated diphenyl ether 47 (BDE-47) inhibits development and alters thyroid hormone-related gene expression in the brain of *Xenopus laevis* tadpoles. *Environmental Toxicology and Pharmacology* 2016, 48, 237-244. DOI: 10.1016/j.etap.2016.11.002.

Thornton LM, Path EM, Nystrom GS, Venables BJ, Sellin Jeffries MK. Early life stage exposure to BDE-47 causes adverse effects on reproductive success and sexual differentiation in fathead minnows (*Pimephales promelas*). *Environmental Science and Technology* 2016, 50, 7834-7841. DOI: 10.1021/acs.est.6b02147.

Thornton LM, Path EM, Venables BJ, Sellin Jeffries MK. The endocrine effects of dietary BDE-47

exposure, measured across multiple levels of biological organization, in breeding fathead minnows. *Environmental Toxicology and Chemistry* 2016, 35, 2048-2057, DOI: 10.1002/etc.3351.