

LIAM HEILAND

<http://bit.ly/HeilandL>

EDUCATION

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| MS | Texas State University Master of Education in Educational Technology Advisor: Douglas Holschuh | May 2021 |
| BS | Hartwick College, Biology Graduated Cum Laude, College Honors Minored in Education, High School | May 2011 |
| CE | Texas A&M University Commerce Master's Hours in Biology, 12 credits | Aug 2022 |

COLLEGE TEACHING EXPERIENCE

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| Lamar State College Orange , Orange, Texas | August 2022 - Present |
| Adjunct Instructor , Biology | |
| <ul style="list-style-type: none">• Taught BIOL 1408 and 1409 (Biology for Nonscience Majors I and II) online lab sections, working in conjunction with full time faculty to align lab to lecture content and to improve course offerings and options for students. Average students per section 20.• Developed quizzes, exams, and homework for lab sections. Exams proctored through BioSight/BioSig and Respondus Lockdown Browser.• Coordinated grading with lecture faculty.• Delivered content through Blackboard LMS. | |

RESEARCH EXPERIENCE

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| Graduate Thesis: Rural Internet Awareness | 2021 |
| Texas State University Advisor: Douglas Holschuh | |
| <ul style="list-style-type: none">• Write and present comprehensive Canvas course, illustrating course creation and content delivery mastery.• Focused on illustrating technological divide between cities and rural students through practical examples, such as having other students throttle their networks to average data speeds and try to go through their own lessons with such limitations. | |
| Undergraduate Thesis: Homeotic Transformation of Tails into Limbs | 2021 |
| Hartwick College Advisor: Dr. Stanley Sessions | |

- Conducted and presented findings related to amphibian regeneration pathways.
- Examined cellular messaging interferences through retinoic acid.
- Sampled specimens of *Rana sylvatica* and *Rana pipiens*, raised tadpoles in laboratory conditions and treated through assorted laboratory tools.

Lab Researcher, Hartwick College

2009-2011

- Worked with Technical Assistant and Safety Officer to care for biology labs and live specimens.
- Interned at Texas State University’s Aquarena Center in geological, biological, and chemical studies. Went on scuba dives for glass bottom boat maintenance, large aquarium maintenance, and surveying a cave-fed natural lake.

PROFESSIONAL TRAINING

Mental Health First Aid USA

National Council for Mental Wellbeing, Orange TX, Nov 2021

Training on identification and “first responder” intervention for mental health difficulties.

Texas Educator Certificate – Life Sciences grades 7-12, Texas State Board for Educator Certification, Aug 2021

NY Initial Certification – Biology grades 7-12, New York State Department of Education, Sept 2013

PROFESSIONAL AFFILIATIONS

Lamar State College Orange, 2021 - Present

Student Success Advisor

- Lead efforts in supporting and retaining students, member of related QEP organizations.
- Developed and implemented new methods for student early-alert system.
- Actively engage faculty and staff in retention efforts.
- General higher education advising duties.

COMPUTER SKILLS

Expert skills in Windows, Adobe Suite, Google Products, and Office Suite.

Average typing speed of 70 WPM.