

Libby Bradley

Curriculum Vitae

Center for Anatomical Sciences
University of North Texas Health Science Center
3500 Camp Bowie Boulevard
Fort Worth, TX 76102

(989)482-5300 (Phone)
(817)735-2126 (fax)
Libbybradley@my.unthsc.edu
[UNTHSC Student Profile](#)

EDUCATION

- 2019-Present Ph.D. in Biomedical Sciences (in progress)
Concentration in Structural Anatomy and Rehabilitation Sciences
University of North Texas Health Science Center, Fort Worth, TX
Dissertation: Active Learning Implementation into Online Graduate Anatomy Courses
- 2017-2019 M.S. in Exercise Physiology
Central Michigan University, Mount Pleasant, MI
Thesis: "Precooling's Effect on American Football Skills"
- 2013-2017 B.S in Exercise Science
Central Michigan University, Mount Pleasant, MI

ACADEMIC APPOINTMENTS

* indicates an online only course

** indicates a prosection-base course, all others are dissection-based courses

- 2019-Present Graduate Teaching Assistant, School of Biomedical Sciences, University of North Texas Health Science Center
- Course: Gross Anatomy (PHAN 5401)**
 - Course: Musculoskeletal System 1 (MEDE 7811)
 - Course: Gastrointestinal/Renal System 1 (MEDE 7611)
 - Course: Endocrine/Reproductive System 1 (MEDE 7715)
 - Course: Nervous System 1 (MEDE 7812)
 - Course: Cardiopulmonary System 1 (MEDE 7615)
 - Course: Structural Anatomy (PHAN 5300)*
- 2017-2019 Graduate Teaching Assistant, Anatomy Health Professions, Central Michigan University
- Course: Undergraduate Anatomy (HSC 214)**
 - Course: Physical Therapy and Physician Assistant Regional Anatomy (HSC 630)
 - Course: Medical School Gross Anatomy (MED 630)
- 2015-2017 Undergraduate Teaching Assistant, Undergraduate Anatomy Health Professions, Central Michigan University**

GUEST LECTURES

- 2022 Seminar on active learning implementation into an online graduate anatomy course
- 2022 Endocrine system and accessory organs for Joint Admissions Medical Program
- 2022 Mediastinum lecture for pre-matriculation physician assistant
- 2021 Seminar on the evolution and biomechanics of the modern human gait
- 2021 Brown Bag Seminar pertaining to active learning research
- 2021 Urinary embryology
- 2021 Reproductive embryology
- 2021 Lungs and pleura for pre-matriculation physician assistant
- 2021 Superficial back and chest for pre-matriculation Texas College of Osteopathic Medicine
- 2021 Heart and pericardium for Joint Admissions Medical Program
- 2021 Lower limb musculature for Texas Academy of Biomedical Sciences

PEER MENTORING

- 2021-Present Oral Qualifying Examination Lead Peer Mentor for the department of Structural Anatomy and Rehabilitation Sciences, UNTHSC.
- 2021 Lauren Mitchell, undergraduate Summer Opportunity in Anatomy Research Program student, Structural Anatomy and Rehabilitation Sciences, UNTHSC.
- 2020-Present Taylor Robertson, Ph.D. student, Structural Anatomy and Rehabilitation Sciences Program, UNTHSC.

RESEARCH INTERESTS

- Active Learning
- Online Anatomy Education
- Clinical Anatomy

PUBLICATIONS

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- In Prep. **Bradley LJ**, Moudy S, Patterson R. Active Learning in the Biomedical Engineering Curriculum: A Literature Review of Current Research and Practical Guide on how to Implement.
- 2019 **Bradley LJ**, Miller KC, Weise BW, Novak JR. Precooling's Effect on American Football Skills. *Journal of Strength and Conditioning Research*.
- 2019 William S, Austin K, Engler S, Grande A, Stadler J, Nagy L, Engler M, **Bradley L**, Hallenback N, Brown S. *Study Guide and Laboratory Manual for Human Anatomy*.

PUBLISHED PRESENTATIONS

- 2022 **Bradley L**, Handler E, Reeves R. Active Learning Implementation into an Asynchronous Online Graduate Anatomy Course. American Association of Clinical Anatomists.
- 2022 **Bradley L**, Handler E, Reeves R. Active Learning Implementation into an Online Graduate Anatomy Course. Anatomy Education Research Institution.
- 2022 **Bradley L**, Handler E, Reeves R. Jigsaw: Helping to Put the Pieces Together in the Online Classroom. Experimental Biology.
- 2022 **Bradley L**, Handler E, Reeves R. Putting the Pieces Together of an Online Classroom with the Help of Jigsaw. Research Appreciation Day
- 2022 Lauren M, **Bradley L**, Handler E. Student Attitudes Surrounding Active Learning in an Online Anatomy Classroom. Experimental Biology.
- 2021 **Bradley L**, Handler E, Reeves R. A Comparison of Online and In-Person Graduate Gross Anatomy Courses with the Implementation of Active Learning. Texas Academy of Sciences poster presentation. Online conference.
- 2021 **Bradley L**, Handler E, Reeves R. A Comparison of Online and In-Person Graduate Gross Anatomy Courses with the Implementation of Active Learning. Experimental Biology poster presentation. Online conference.
- 2021 **Bradley L**, Liu H, Quiben M, Reeves R. A Cadaveric Investigation of the Long Thoracic Nerve. Research Appreciation Day poster presentation. Fort Worth, TX.

- 2020 **Bradley L**, Liu H, Quiben M, Reeves R. A Cadaveric Investigation of the Long Thoracic Nerve. Research Appreciation Day poster presentation. Fort Worth, TX.
- 2019 **Bradley L**, Miler K, Weise B, Novak J. Precooling's Effect on American Football Skills. MWACSM poster presentation. Grand Rapids, MI.
- 2019 **Bradley L**, Miller K, Weise B, Novak J. Precooling's Effect on American Football Skills. SCREE poster presentation. Mount Pleasant, MI.
- 2019 **Bradley L**, Miller K, Weise B, Novak J. Precooling's Effect on American Football Skills. Athletic Training Poster Presentation, Mount Pleasant, MI.

FUNDING AWARDS

Research Funding

- 2018 College of Health Professions Grant, Central Michigan University, Mount Pleasant, MI. \$250

Travel Funding

- 2022 Anatomy Education Research Unconference Travel Grant, Bloomington, IN. \$100
- 2022 Experimental Biology Travel Grant, Philadelphia, Pennsylvania. \$400
- 2021 Center of Anatomical Sciences Travel Grant, UNTHSC, Fort Worth, TX. \$500

AWARDS AND CERTIFICATIONS

- 2021 3D Complete Anatomy Training, UNTHSC. Sessions focused becoming competent in 3D Complete Anatomy program and the implementation in graduate anatomy courses.
- 2020 Suicide Training Certified (QPR Training), UNTHSC. Sessions focused on how to help students and peers with suicide ideations and how to create a positive mental health environment.
- 2020 Teaching Assistant Boot Camp Training, UNTHSC. Sessions focused on preparation for becoming a teaching assistant for graduate anatomy course.
- 2019 Transferable Workshop Skills: Personal Factors and Learning. UNTHSC. This workshop focused on personal factors and the impact on learning and team dynamics.

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- 2019 Transferable Workshop Skills: Time & Stress Management and Study and Test Taking Skills. UNTHSC. These workshops focused on how to develop the necessary skills within graduate school concerning time management and test-taking.
- 2019 Transferable Workshop Skills: Emotional Intelligence. UNTHSC. This workshop focused on having a better understanding of how emotional intelligence is measured and what the outcomes mean.

OUTREACH AND SERVICE

- 2022 American Association of Clinical Anatomist abstract reviewer, UNTHSC.
- 2021 Participant in Florida State University Shadow Student Panel, UNTHSC.
- 2021 School of Biomedical Sciences poster judge volunteer, UNTHSC.
- 2021 UNTHSC lab tour guide for community colleges, UNTHSC.
- 2021 HSC Experience Open House lab instructor and guide, UNTHSC.
- 2021 School of Biomedical Sciences Ambassador, UNTHSC.
- 2021 American Association of Clinical Anatomist Planning Committee, UNTHSC.
- 2020 Texas Academy of Biomedical Sciences Planning Committee, UNTHSC.
- 2020 School of Biomedical Sciences Coaching Up Program, UNTHSC.
- 2019 School of Biomedical Sciences Mentor, UNTHSC.
- 2019 Arlington Independent School District Volunteer, UNTHSC.
- 2018-2019 Treasurer of Exercise Physiology Graduate Organization, CMU.
- 2015-2017 Dissector for undergraduate anatomy and medical school laboratories, CMU.

2014-2015 Undergraduate Laboratory Teaching Assistant, Undergraduate Human Anatomy, CMU.

PROFESSIONAL ASSOCIATIONS

2022-Present The International Association of Medical Educators

2021-Present Texas Academy of Science

2020-Present American Anatomist Association

2020-Present American Association of Clinical Anatomists