

# Taylor Robertson

## Curriculum Vitae

### Contact Information

University of North Texas Health Sciences Center  
Department of Physiology and Anatomy  
3500 Camp Bowie Blvd Fort Worth TX 76107

TaylorRobertson@my.unthsc.edu

### Education

- 2020-Present PhD in Biomedical Sciences  
University of North Texas Health Sciences Center  
Dissertation: “Quantification of Learning Transfer: The Relationship between Gross Anatomy Knowledge and Ultrasound Imaging”
- 2017-2020 M.S. in Exercise Physiology  
Central Michigan University  
Informal Thesis: “Use of plyometric training to offset fatigue in division 1 collegiate female volleyball players”.
- 2012-2017 B.S. in Exercise Science- Kinesiology Track  
Central Michigan University

### Teaching Experience

- 2022 **Gross Anatomy**  
University of North Texas Health Science Center. Guest Lecturer  
Held a lecture on basics of ultrasound imaging for graduate students.
- 2022 **Structural Anatomy**  
University of North Texas Health Science Center. Teaching Assistant.  
Lead weekly review session for Graduate students in an online platform.
- 2021 **Embryology**  
University of North Texas Health Science Center. Guest Lecturer.  
Development of the Cardiovascular System and Respiratory System.  
2-part series of lectures to graduate (PhD) students.
- 2020-2020 **Regional Anatomy**  
Central Michigan University. Adjunct Faculty.  
Lecture and Laboratory course for first year Physician Assistant and Physical Therapy Students.

- 2017-2020    **Regional Anatomy**  
Central Michigan University. Laboratory Graduate Teaching Assistant.  
Lecture and Laboratory course for first year Physician Assistant and Physical Therapy Students.
- 2017-2020    **Foundations of Anatomy**  
Central Michigan University. Laboratory Graduate Teaching Assistant.  
Laboratory course for first year Medical Students
- 2017-2020    **Systems of Human Anatomy**  
Central Michigan University. Laboratory Graduate Teaching Assistant.  
Laboratory course for first- and second-year Medical Students
- 2017-2020    **Human Anatomy**  
Central Michigan University. Graduate Teaching Assistant.  
Lecture and Laboratory course for undergraduate students.
- 2015-2017    **Human Anatomy**  
Laboratory Undergraduate Teaching Assistant.  
Laboratory course for undergraduate students.

### **Presentations and Podiums**

#### National

- 2022    **Robertson, T.**, Fisher, C., Handler, E., Nash, D. Manipulating anesthesia with massage increases spread in sciatic nerve blocks: a cadaver study. American Association for Clinical Anatomy, Fort Worth, TX.

### **Published Abstracts**

#### National

- 2022    **Robertson, T.**, Fisher, C., Handler, E., Nash, D. Massage application to increase spread of local anesthesia in sciatic nerve blocks: a cadaveric study. The FASEB Journal
- 2020    **Robertson, T.**, Galindo, G., O'Connor, P. Use of plyometric training to offset fatigue in division 1 collegiate female volleyball players. Medicine & Science in Sports & Exercise 52(7S):886-886

#### Local

- 2021 **Robertson, T.**, Fisher, C., Handler, E., Nash, D. Massage application to increase spread of local anesthesia in sciatic nerve blocks: a cadaveric study. University of North Texas Health Science Center. Research Appreciation Day.

### **Presented Posters**

#### National

- 2022 **Robertson, T.**, Fisher, C., Handler, E., Nash, D. Massage application to increase spread of local anesthesia in sciatic nerve blocks: a cadaveric study. Philadelphia, PA. American Association of Anatomy at Experimental Biology.
- 2020 **Robertson, T.**, Galindo, G., O'Connor, P. Use of plyometric training to offset fatigue in division 1 collegiate female volleyball players. Annual Meeting of the American College of Sports Medicine, San Francisco, CA. (Cancelled due to Covid-19)

#### Local

- 2022 **Robertson, T.**, Fisher, C., Handler, E., Nash, D. Massage application to increase spread of local anesthesia in sciatic nerve blocks: a cadaveric study. University of North Texas Health Science Center. Research Appreciation Day.
- 2021 **Robertson, T.**, Fisher, C., Handler, E., Nash, D. Massage application to increase spread of local anesthesia in sciatic nerve blocks: a cadaveric study. University of North Texas Health Science Center. Research Appreciation Day.
- 2020 **Robertson, T.**, Galindo, G., O'Connor, P. Use of plyometric training to offset fatigue in division 1 collegiate female volleyball players. Central Michigan University. College of Health Professions Research Day. (Cancelled due to Covid-19)

### **Awards**

- 2022 Early Career Travel Award. American Association for Clinical Anatomy. 500\$
- 2022 Awards Finalist. American Association of Anatomists. 300\$

### **Science Education Volunteering and Outreach Activities**

- 2022 Texas Academy of Biomedical Science (TABS)  
Created radiology and medical imaging activities for incoming 9<sup>th</sup> graders.
- 2021 Texas Academy of Biomedical Sciences (TABS)  
Presented lectures and activities for incoming 9<sup>th</sup> graders on nutrition and exercise in the Dallas-Fort Worth area.
- 2021 Summer Opportunities in Anatomy Research (SOAR)

Involved in mentoring and guidance of current undergraduate students interested in anatomical research projects.

- 2021 Texas College of Osteopathic Medicine Pre-Matriculation Series  
Laboratory Teaching Assistant for Gross Anatomy Labs

### **Advanced Training**

- 2022 Ultrasonography. Texas College of Osteopathic Medicine. Fort Worth, Texas.
- 2021 Advanced Dissection. University of North Texas Health Science Center . Fort Worth, Texas.
- 2020 Clinical Exercise Physiology Internship at the Cardiovascular Testing and Rehabilitation Center of Mid-Michigan Health at Midland, Michigan. January 13- March 13.

### **Workshops**

- 2022 Building an academic website. University of North Texas Health Science Center in Fort Worth, TX.
- 2021 CV workshop. University of North Texas Health Science Center in Fort Worth, Texas.
- 2021 Managing your Professional Identity. University of North Texas Health Science Center in Fort Worth, Texas.
- 2021 Innovative Mindsets- Lifelong Learning and Goal Setting. University of North Texas Health Science Center in Fort Worth, Texas.
- 2021 Career Planning. University of North Texas Health Science Center in Fort Worth, Texas.
- 2020 Activity and Stress. University of North Texas Health Science Center in Fort Worth, Texas.
- 2020 Prioritizing Sleep to Reduce Stress. University of North Texas Health Science Center in Fort Worth, Texas.
- 2020 Relaxation and Mindfulness Strategies. University of North Texas Health Science Center in Fort Worth, Texas.
- 2020 Emotional Intelligence. University of North Texas Health Science Center in Fort Worth, Texas.
- 2020 Personal Factors and Learning. University of North Texas Health Science Center in Fort Worth, Texas.
- 2020 Stress and Time Management. University of North Texas Health Science Center in Fort Worth, Texas.

2020 Study and Test Taking Skills. University of North Texas Health Science Center in Fort Worth, Texas.

### **Mentoring Activities**

2017 Noah King, Undergraduate. Central Michigan University-Clinical Exercise Science Major. Assisted with class and career advising, applications and interviews for internships, and graduation audits.

2021 Salam Harb, Incoming Medical Student. University of North Texas Health Science Center. Summer Outreach in Anatomy Research (SOAR). Assisted with research questions and guidance for completion of poster presentation.

### **Professional Societies**

American College of Sport Medicine

National Strength and Conditioning Association

American Association of Clinical Anatomy

American Association of Anatomy