

**Curriculum Vitae**  
**Molli Crenshaw, M.S.**

**CONTACT INFORMATION**

TCU Department of Biology  
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**ACADEMIC BACKGROUND**

*Education*

M.S., Biology, Texas Christian University, Fort Worth, Texas (2009)  
B.S., Biomedical Science, Texas A&M University, College Station, Texas (2005)

*TCU Rank*

Instructor II  
Promoted 2018

*Previous Teaching Appointments*

Instructor and Lab Coordinator, Tarrant County College Northeast Campus, Hurst, Texas: 2010 - 2012  
Graduate Teaching Assistant, Texas Christian University, Fort Worth, Texas: 2008 - 2009  
Full-Time Lab Instructor, Tyler Junior College, Tyler, Texas: 2005 - 2007

*Honors and Awards*

Nominated by an undergraduate student for the Wassenich Award for Mentoring in the TCU Community: 2015, 2016, 2019  
Honored by students with the Senior Class Legacy: 2014, 2015, 2016, 2018, 2019  
Voted by TCU Biology Faculty as Graduate Teaching Assistant of the Year: 2009, 2010  
Awarded TCU Barnett Scholarship as a teaching assistant perceived to be a model student, researcher, and instructor: 2009

**TEACHING EXPERIENCE**

*Courses Taught at TCU*

UNPR 10211, Introduction to University Life (TCU: Spring 2017, Fall 2017, Fall 2022)  
Biology 20204, Human Anatomy and Physiology I (TCU: 2012-Present, TCC: 2009-2012)  
Biology 20214, Human Anatomy and Physiology II (TCU: 2012-Present, TCC 2010-2012)  
Biology 40332, Teaching in Biology for coordination of Anatomy and Physiology Teaching Assistants (TCU: 2013-Present)  
Biology 30414, Human Anatomy (TCU: 2022-Present)

DANC 20303, Functional Anatomy of Dance, Lab Instructor (TCU: Spring Semesters 2018-Present)

### ***Courses Taught outside of TCU***

Anatomy and Physiology I and II (TCC: 2009-2011)

Majors Biology Labs as a graduate student (TCU: 2008-2009)

Non-Majors Biology Labs (TJC: 2006-2008, TCC 2010)

Zoology Labs (TJC 2006-2008)

Anatomy and Physiology Labs (TJC 2006-2008)

## **RESEARCH AND CREATIVE ACTIVITIES**

### ***Publications***

Wallace, S. and Crenshaw, M., *2014 Anatomy and Physiology Lab Manual (TCU Biology 20204)*, Pearson, ISBN: 9781269761369

Wallace, S. and Crenshaw, M., *Biology 20214 Lab Manual, Pearson (TCU Biology 20214)*, Pearson ISBN: 9781269801072

Wallace, S. and Crenshaw, M., *Anatomy & Physiology Lab Manual for Biology 20214*, McGraw-Hill, ISBN #: 1259-876969

Wallace, S. and Crenshaw, M., *Anatomy & Physiology Lab Manual for Biology 20204*, McGraw-Hill, ISBN #: 1259-988376

### ***Creative Activities Associated with Anatomy and Physiology***

Senior Honors Thesis Committee member for students in 2015, 2018, 2019, 2020

Member, McGraw-Hill Advisory Board to develop Concept Overview Topics in Anatomy and Physiology: 2017-2018

Hired to write a series of laboratory activities and instructor guides to accompany the software program "Visible Body", Argosy Publishing:

The nervous system for the Visible Body A&P App (2016)

The nervous system for the Visible Body Atlas App (2016)

The cranial nerves for the Visible body A&P App (2017)

The cranial Nerves for the Visible Body Atlas App (2017)

Developed video tutorials for the software program "Visible Body", Argos Publishing (2014)

Completed formal review of the software program "Visible Body", Argosy Publishing (2013)

Completed formal review of "Exploring Anatomy and Physiology in the Laboratory", Erin Amerman, Morton Publishing (2013)

Presented talk entitled "The Effects of Chronic Stress on Child Development" at the Kids Hope USA Regional Conference, Fort Worth Texas (2012)

### ***Internal Support for Academic Work***

Funding for Human Anatomy and Physiology lab equipment, Texas Christian University College of Science and Engineering, \$6,115 (2013)

Instructional Development Grant for the development of Human Anatomy and Physiology labs, Texas Christian University, \$3,600 (2013)

### ***Professional Development***

HAPS Virtual Town Hall to discuss the return to Face-to-Face labs during the COVID-19 Pandemic (June, 2020)

Attended six Virtual Scientific Research Webinars, American Physiological Society (2020- 2021)  
Virtual training, McGraw-Hill Connect software for Anatomy and Physiology courses (April, 2020)  
GradeCam Administrator Pilot Webinar (December, 2019)  
TCU Grief Support Training to develop strategies for communication with peers and students experiencing grief (October, 2019)  
“CASPA Application and PA Profession Overview for Health Professions Advisors” webinar (May, 2019)  
Bystander Intervention Training (2019)  
Requested voluntary Koehler Center Course Evaluation for Biology 20204 (2018)

## **PERSONAL CONTRIBUTIONS AND SERVICE**

### ***Departmental Service, Texas Christian University***

Hosted Anatomy and Physiology preparatory program for incoming first-year students (2021)  
Ad-Hoc committee to revise tenure and promotion policies for the Biology Department (2019-Present)  
Appointed to the Departmental Advisory Committee (2019-2020)  
Served as administrator for a departmental pilot of the software program GradeCam (2019)  
Served on five committees and chaired two committees to determine progress toward tenure and promotion in the Biology Department (2018-2019)  
Volunteer judge for Biology posters during Student Research Symposium (2018, 2019, 2021)  
Assisted the Biology Department Curriculum Committee to revise the policy for the use of undergraduate teaching assistants (2015)  
Volunteer tour guide for “Mondays at TCU” (2015-present)  
Search Committee for Adjunct Instructor position, Anatomy and Physiology (2015)  
Search Committee for Instructor position, Anatomy and Physiology (2013)  
Committee to define instructor merit pay criteria (2013)  
Committee to determine promotion protocol for instructors (2012)

### ***College of Science and Engineering Committees, Texas Christian University***

Served on the Pre-health Advisory Committee to review policies regarding instructor hire and promotion within the Pre-Health Institute  
Volunteer with Student Research Symposium (2013, 2014, 2015, 2017, 2019)  
Search Committee for Instructor Position, Physics and Astronomy (2018-2019)  
EPIC (External Projects to Impact the Community) Grant Committee member (2018-Present)  
Served on one committee to determine progress toward tenure and promotion in the Physics/Astronomy Department (2018)  
Ad-hoc committee for women in the sciences (2012)  
As a member of the Health Professions Advisory Committee (HPAC) I advise pre-health students during the fall, spring and summer semesters in addition to assisting with new student orientations and providing mock interview opportunities for students applying to professional school (2017-Present)

### ***University Service, Texas Christian University***

Appointed to the University Academic Appeals Committee (2020-Present)  
Volunteer Mentor, College 101 program for TCU students on academic probation (2020)  
Developed system for student access to human bones through the Reserves desk of the TCU

Mary Burnett Coutts Library (2019)  
University Student Disability Services Committee to guide and inform future model for Disability services at TCU (2019)  
Hosted a freshmen Frog's First group for dinner at our home (August, 2017)  
Member of multiple Honors Thesis Committees for students in the Harris College of Nursing and Health Sciences (2015-Present)  
Facilitated Common Reading Discussion Group, *The Other Wes Moore*, by Wes Moore (2015) and *Laughing Without an Accent, Adventures of a Global Citizen*, by Firoozeh Dumas (2017) and *March*, by John Lewis, Andrew Aydin and Nate Powell (2022)  
Faculty Advisor for the Student Organization "Encounter" (2015 – 2016)  
TCU student Mentor (2012 –2015, 2022-Present)  
Mentor, TCU Beyond Boundaries (2012-2013)

### ***Professional Service and Presentations***

HAPS Accommodations subcommittee to develop recommended practices for instructors of Anatomy and Physiology (2021-Present)  
Member, the American Physiological Society (APS): 2020-Present  
Member, The Human Anatomy and Physiology Society (HAPS): 2006 - Present  
Hosted an academic workshop at the HAPS national conference (virtual): May, 2021  
Scheduled to host an academic workshop at the HAPS national conference in Ontario, Canada: May, 2020 – The conference was canceled due to the COVID-19 pandemic  
Invited to present as part of the "Last Lecture" series at TCU; "Matters of the Heart: How the Events of a Lifetime Influence Cardiovascular Health and Development", Fort Worth, TX: January, 2018  
Hosted an academic workshop at the HAPS national conference in Salt Lake City, UT: May, 2017  
Hosted an academic workshop at the HAPS national conference in Atlanta, GA: May, 2016  
Served on the planning committee for the HAPS Southwest Regional Conference in Fort Worth, Texas: 2013  
Attended the HAPS Southwest Regional Conference in Tyler, Texas: 2017  
Attended the HAPS national conference in Las Vegas, NV: May, 2013  
Attended the HAPS national conference in Austin, Texas: May, 2006

### ***Community Activities***

"Ask the Expert" volunteer to provide virtual gross anatomy dissections for neighborhood students during the COVID-10 pandemic (April, 2020)  
Group Facilitator for 2-to-1 Marriage Ministry at Doxology Bible Church (2019-present)  
Volunteer with Encounter College Ministry at Doxology Bible Church (2015-2018)  
Appointed to the Gifted/Talented Advisory Council for Aledo ISD (2020-Present) Appointed to the Student Health Advisory Council for Aledo ISD (2019-2021)  
Member, HOPE Mommies grief support network (2016-Present): Facilitate delivery of HOPE boxes to John Peter Smith Hospital, Fort Worth  
Host college students for dinner at home biweekly 2015-2016)  
Served as a mentor for a small group of Encounter student leaders weekly (2017-2019)  
Kids Hope USA Mentor to an elementary school student (2012 – 2014)  
Community Group Co-Leader, McKinney Memorial Bible Church (2013-2016)  
Volunteer Leader, AWANA Club, Fort Worth, Texas (2009-2014)  
Volunteer Fort Worth "Cowtown Clean-Up" (2012, 2014)