

TEXAS STATE VITA

I. Academic/Professional Background

A. Name: Travis R. Acosta

Title: Assistant Professor of Instruction

B. Educational Background

<i>Degree</i>	<i>Year</i>	<i>University</i>	<i>Major</i>	<i>Thesis/Dissertation</i>
M.S. Biology	2018	Texas State University	Biology	N/A
B.E.S.S. Pre-Physical Therapy	2015	Texas State University	Exercise & Sports Science	

C. University Experience

Assistant Professor of Instruction: Anatomy & Physiology

08/2024 – current

Texas State University, San Marcos, TX

- Teach BIO 2451/2452 lecture as instructor of record.
- Write lecture and lab syllabus for BIO 2451/2452
- Create teaching materials for lecture.
- Create quizzes and exams for assessment of students learning in lecture and lab.
- Create in class participation questions to assess student comprehension of concepts using Top Hat.
- Achieve <30% DFW rate and class average > 75 during Fall 2023, Spring 2024, Fall 2024
- Update lab resources and activities (Videos, Histology PowerPoints, worksheets, experiments)
- Attend workshops to improve course and course materials. (McGraw Hill, Top Hat, Human Anatomy & Physiology Society Conference)
- Coordinate labs for weekly activities.
- Grade and log quizzes and exams in a timely manner.
- Provide office hours to mentor students.
- Host weekly lab meetings.
- Mentor newly hired instructional assistants.
- Provide resources for instructional assistants for lab preparation.
- Monitor instructional assistant performance and provide constructive criticism.
- Earn acceptable departmental student evaluations.
- Organize Canvas in a user-friendly format with resources for lecture and lab.
- Post announcements on Canvas to inform students about updates and reminders.
- Respond to emails in a timely manner.
- Record and monitor student attendance.
- Submit progress reports for student athletes.
- Print weekly lab materials for all students.
- Email assessments and reminders to instructional assistants.

- Create teaching schedule for instructional assistants.
- Write letters of recommendation for pre health students.
- Complete online faculty training (Ethics and Compliance, Cybersecurity, Preventing Harassment and Discrimination: EEO & Title IX, Hazardous waste, Hazard Communication)
- Manage and schedule hazardous waste pick up.
- Take inventory and order lab materials and equipment.

Lecturer: BIO 2451/2452 Anatomy & Physiology
Texas State University, San Marcos, TX

08/2023 – 05/2024

- Teach BIO 2451/2452 Lecture as instructor of record.
- Create teaching materials (lecture outlines, lab worksheets, videos) for lecture and lab.
- Create quizzes and exams for assessment of students learning in lecture and lab.
- Coordinate labs for weekly activities.
- Grade and log quizzes and exams.
- Meet with students during office hours.
- Host weekly lab meetings.
- Mentor newly hired instructional assistants.
- Take inventory and order new lab materials and equipment.

Program Faculty: BIO 2451/2452 Anatomy & Physiology Laboratory
Texas State University, San Marcos, TX

08/2019 – 07/2023

- Teach fundamental topics of Anatomy & Physiology for Pre-Nursing students. Main activities include histology identification and characterization, identification of structures on models, and dissection of cats and organs.
- Record lectures using Whiteboard and PowerPoint Presentations.
- Record video explanation of structures on models in lab and organ dissections.
- Utilize YouTube to create content for students in all labs with over 140 videos posted. YouTube channel currently listed as Acosta's Anatomy.
- Create PowerPoint Presentations over relevant topics.
- Create weekly lab activity worksheets and study guides over relevant topics.
- Create lab practical exams and weekly quizzes for 8 lab sections.
- Guest lecturer during Spring 2021, Fall 2020, and Fall 2019 semester.
- Mentor newly hired instructional assistants.
- Received numerous positive student evaluations.
- Grade and log practical exams, quizzes, homework, and extra credit assignments.
- Meet with students during office hours.
- Provide review sessions prior to lab practical exams.
- Take inventory and order new lab materials and equipment.
- Host weekly lab meetings and proctor lecture exams.
- Instruct proper use of microscopes and tools for animal dissections, including sanitization.

Instructor's Assistant: BIO 2451/2452 Anatomy & Physiology Laboratory **08/2015-12/2018**
Texas State University, San Marcos, TX

- Teach fundamental topics of Anatomy & Physiology for Pre-Nursing students with an emphasis on teamwork.
- Create lab practical exams and weekly quizzes for 2 lab sections.
- Grade practical exams, quizzes, homework, and extra credit assignments.
- Provide office hours to mentor and help students understand topics they struggle with.
- Provide review sessions on weekends prior to lab practical exams.
- Attend weekly lab meetings and proctor lecture exams.

D. Relevant Professional Experience

Health Care Assistant: Physical Therapy **01/2014 – 10/2020**
Self Employed, San Marcos, TX

- Improve patient mobility with instruction and assistance of seated, standing, prone, supine, and side-lying exercises.
- Use of gait belt to assist patient during gait therapy and implement fall prevention strategies.
- Establish exceptional relationship with client and family members.
- Facilitate prescribed home exercise program for paraplegic client 2-3x a week.
- Participate in direct training from supervising physical therapist to follow specific transfer techniques.
- Patient transfer from bed to wheelchair and use of Hoyer lift to transfer patient from supine position on bench to squat machine.
- Use of Gait belt to help patient with seated and supine exercises.

E. Other Professional Credentials (licensure, certification, etc.)

II. TEACHING

A. Teaching Honors and Awards:

B. Courses Taught:

Assistant Professor of Instruction: BIO 2451/2452 Anatomy & Physiology **08/2024 – current**

Lecturer: BIO 2451/2452 Anatomy & Physiology **08/2023 – 05/2024**

Program Faculty: BIO 2451/2452 Anatomy & Physiology Laboratory **08/2019 – 07/2023**

Instructor's Assistant: BIO 2451/2452 Anatomy & Physiology Laboratory **08/2015 -12/2018**

C. Directed Student Learning (i.e. theses, dissertations, exit committees, etc.):

D. Courses Prepared and Curriculum Development:

BIO 2451/2452 Anatomy & Physiology Lecture and Lab

E. Teaching Grants and Contracts

1. Funded External Teaching Grants and Contracts:
2. Submitted, but not Funded, External Teaching Grants and Contracts:
3. Funded Internal Teaching Grants and Contracts:
4. Submitted, but not Funded, Internal Teaching Grants and Contracts:

F. Other:

G. Teaching Professional Development Activities Attended

III. SCHOLARLY/CREATIVE

A. Works in Print (including works accepted, forthcoming, in press):

1. Books:

- a. Scholarly Monographs:
- b. Textbooks:
- c. Edited Books:
- d. Chapters in Books:
- e. Creative Books:

2. Articles:

- a. Refereed Journal Articles:
- b. Non-refereed Articles:

3. Conference Proceedings:

- a. Refereed Conference Proceedings:
- b. Non-refereed:

4. Abstracts:

5. Reports:

6. Book Reviews:

7. Essays:

8. Poems:

9. Short Stories:

10. Other Works in Print:

B. Works Not in Print:

1. Papers Presented at Professional Meetings:

2. Invited Talks, Lectures, and Presentations:

3. Consultancies:

4. Workshops:

5. Other Works not in Print:

a. Works "submitted" or "under review":

b. Works "in progress":

c. Other Works Not in Print:

C. Scholarly / Creative Grants and Contracts:

1. Funded External Grants and Contracts:

2. Submitted, but not Funded, External Grants and Contracts:

3. Funded Internal Grants and Contracts:

4. Submitted, but not Funded, Internal Grants and Contracts:

D. Scholarly / Creative Fellowships, Awards, Honors:

E. Scholarly / Creative Professional Development Activities Attended:

F. Media Recognition:

IV. SERVICE

A. Institutional

1. University:

2. College:

3. Department/School:

B. Professional:

C. Community:

D. Organization Memberships:

E. Service Honors and Awards:

F. Service Grants and Contracts:

1. Funded External Service Grants and Contracts:

2. Submitted, but not Funded, External Service Grants and Contracts:

3. Funded Internal Service Grants and Contracts:

4. Submitted, but not Funded, Internal Service Grants and Contracts:

G. Service Professional Development Activities Attended: