TEXAS STATE VITA

I. Academic/Professional Background

A. Name: Travis R. Acosta Title: Assistant Professor of Instruction

B. Educational Background

Degree	*Year*	*University*	*Major*	*Thesis/Dissertation*
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

- Serve as instructor of record for BIO 2451/2452 lecture and laboratory courses, designing comprehensive syllabi, assessments, and instructional materials aligned with learning objectives.
- Developed and implemented lecture content, exams, and active-learning strategies, resulting in class averages above 75% across multiple semesters.
- Integrated Top Hat participation questions to assess real-time comprehension and increase student engagement.
- Achieved and sustained a DFW rate below 30% through structured assessment design and targeted instructional interventions.
- Modernized laboratory curriculum by updating videos, histology PowerPoints, worksheets, and experimental activities.
- Led and mentored instructional assistants through weekly lab meetings, teaching schedules, and performance feedback.
- Organized Canvas course sites using a student-centered design and maintained timely grading and communication.
- Attend professional development workshops and conferences to stay current and continually improve course delivery. I am an active member in the Human Anatomy & Physiology Society.
- Support student success by writing comprehensive letters of recommendation including progress reports for student athletes.
- Managed laboratory inventory, hazardous waste scheduling, and completed all required faculty compliance training.

Lecturer: BIO 2451/2452 Anatomy & Physiology **08/2023 – 05/2024**
Texas State University, San Marcos, TX

- Serve as instructor of record for BIO 2451/2452 lecture and laboratory courses, designing comprehensive syllabi, assessments, and instructional materials aligned with learning objectives.
- Created original teaching materials including lecture outlines, lab worksheets, instructional videos, and assessments.
- Developed and implemented lecture content, quizzes, exams, and active-learning strategies, resulting in class averages above 75%.
- Achieved and sustained a DFW rate below 30% through structured assessment design and targeted instructional interventions.
- Led and mentored instructional assistants through weekly lab meetings, teaching schedules, and performance feedback.
- Organized Canvas course sites using a student-centered design and maintained timely grading and communication.
- Managed laboratory inventory, hazardous waste scheduling, and completed all required faculty compliance training.

Program Faculty: BIO 2451/2452 Anatomy & Physiology Laboratory **08/2019 – 07/2023**
Texas State University, San Marcos, TX

- Delivered hands-on laboratory instruction for Pre-Nursing students.
- Created and published 140+ instructional videos on YouTube (Acosta's Anatomy).
- Designed weekly lab worksheets, Histology PowerPoints, quizzes, and practical exams for eight lab sections.
- Led weekly lab meetings, mentored instructional assistants, and provided exam review sessions

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

- Supported instruction for Anatomy & Physiology laboratory courses.
- Developed lab practical exams and weekly quizzes.
- Provided office hours and review sessions.
- Proctored lecture exams and attended weekly lab meetings.

D. Relevant Professional Experience

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

- Assisted clients with prescribed physical therapy exercises.
- Implemented fall-prevention strategies and assisted with transfers using gait belts and Hoyer lifts.
- Facilitated long-term home exercise programs under physical therapist guidance.
- Maintained strong relationships with clients and family.

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: