TEXAS STATE VITA

I. Academic/Professional Background

A. Name and Title

Name: Dr. Stephen Ray Title: Lecturer

B. Educational Background

Degree	*Year*	*University*	*Major*	*Thesis/Dissertation*
PHD	2013	University of Denver	Physics	
BS	2008	Nebraska Wesleyan University	Physics	

C. University Experience

Position	*University*	*Comments*	*Dates*
Assistant Professor, Physics and Astronomy	Regis University. Denver, CO, United States		August 1, 2015 - July 31, 2018
Adjunct Faculty, Physics	Colorado School of Mines. Golden, CO, United States		August 1, 2014 - July 31, 2015

D. Relevant Professional Experience

Position	*Entity*	*Comments*	*Dates*
Shaklee Independent Distributor	New Braunfels, United States		January 1, 2013 - Present

II. TEACHING

B. Courses Taught:

Texas State University:

PHYS 1115 - GEN PHYS I LAB

PHYS 1115 - GENERAL PHYSICS I LAB

PHYS 1125 - GEN PHYS II LAB

PHYS 1125 - GENERAL PHYSICS II LAB

PHYS 1310 - ELEMENT PHYS

PHYS 1315 - GENERAL PHYSICS I

PHYS 1325 - GENERAL PHYSICS II

PHYS 3315 - THERMODYNAMICS

PHYS 4310 - ELECTROMAGNETIC FIELD THEORY I

Colorado School of Mines:

Digital Electronics

Electromagnetism

Modern Physics

Regis University:

Electromagnetism

General Physics II

General Physics I

Senior Capstone

Thermodynamics

Texas Lutheran University:

PHYS 141 - Introductory Physics I

Phys 142 - General Physics II

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

Reader, Honor's Thesis, "Investigating the Effects of Poetry on Physics Students Problem Solving Ability", Status: Completed. (May 1, 2018 - May 1, 2020). Physics, Regis University.
Student(s): Theodora Zastroky, Undergraduate, B.S.

Reader, Honor's Thesis, "Searching for the Magic Bullet", Status: Completed. (May 2017 - May 2018). Biology, Regis University.
Student(s): Jibin Abraham, Undergraduate, B.S.

Reader, Honor's Thesis, "Why We are 50th place", Status: Completed. (May 2016 - May 2017). Biology, Regis University.
Student(s): Jennifer Pakeiser, Undergraduate, B.S.

D. Courses Prepared and Curriculum Development:

1115 General Physics Lab, Curriculum Development, Texas State University. Taught: June 2022 - December 2022.

1115 and 1125 Online Labs, Curriculum Development, Texas State University. Taught: May 2020.

Additional Comments: Developed Online Labs for students to complete synchronously or asynchronously for the introductory algebra based sequence.

E. Teaching Grants and Contracts

3. Funded Internal Teaching Grants and Contracts:

Ray, Stephen Patrick (Principal), Percent Contribution: 100%. Affordable Learning Materials Grant, Texas State University, $5,000.00. (Submitted: March 2022, Funded: June 2022 - September 2022). Grant.

G. Teaching Professional Development Activities Attended

Workshop, "Active Learning Workshop," Vernier, Beaverton, OR, United States. (June 2017).

III. SCHOLARLY/CREATIVE

B. Works Not in Print:

E. Scholarly / Creative Professional Development Activities Attended:

Workshop, "ALPhA Lab Immersion," University of Arizona, Tucsan, AZ, United States. (January 2016).

Additional Comments: Learned how to build a multiphoton microscope

IV. SERVICE

A. Institutional

3. Department/School:

Organizer, 1115 Lab Coordinator. (August 2020 - Present).

Organizer, 1315 Course Coordinator. (August 2020 - Present).

Organizer, Lab Oversight. (January 2019 - Present).