

REBBEKAH WATSON

EMPLOYMENT

2022 – PRESENT

FULL-TIME FACULTY, ALAMO COLLEGES DISTRICT- SAN ANTONIO COLLEGE

COURSES TAUGHT: **ANATOMY AND PHYSIOLOGY I AND II, BIOLOGY FOR NON-MAJORS I**

- Effectively instruct non-majors biology lectures, as well as anatomy and physiology lectures and laboratories to a diverse student body using a variety of active learning techniques and integration of instructional technology.
- Assess and design course content, such as preparing syllabi and creating online content.
- Create assessments supporting THECB core curriculum objectives.
- Maintain a professional and courteous attitude to ensure a culture of learning with students and collegiality among members of the San Antonio College team.
- Evaluate full-time and adjunct instructors.

2024 – PRESENT

ADJUNCT INSTRUCTOR, TEXAS A&M UNIVERSITY- SAN ANTONIO

COURSES TAUGHT: **BIOLOGY FOR SCIENCE MAJORS I, ICHTHYOLOGY***

- Effectively instruct general biology lectures to a diverse student body using a variety of active learning techniques and integration of instructional technology as an adjunct instructor.
- Assess and design course content, such as preparing syllabi and creating online content.
- Maintain a professional and courteous attitude to ensure a culture of learning with students and collegiality among members of the TAMU-SA team.
- *Currently designing and developing an Ichthyology lecture and lab for Fall 2026.

2012 – 2022

FULL-TIME FACULTY, DALLAS COLLEGE- EL CENTRO CAMPUS

COURSES TAUGHT: **ANATOMY AND PHYSIOLOGY I AND II, BIOLOGY FOR SCIENCE MAJORS I**

- Effectively instruct general biology and anatomy and physiology lectures and laboratories to a diverse student body using a variety of active learning techniques and integration of instructional technology.
- Assess and design course content, such as preparing syllabi and creating online content.
- Coordinate the Applied Human A&P and Human Anatomy and Physiology programs.
- Create assessments supporting THECB core curriculum objectives.
- Evaluate and manage adjunct instructors.
- Design and develop distance learning courses.
- Maintain a professional and courteous attitude to ensure a culture of learning with students and collegiality among members of the El Centro team.
- Co-sponsor El Centro's Biology Club.

2009 – 2012

ADJUNCT INSTRUCTOR, DALLAS COLLEGE- RICHLAND CAMPUS

COURSES TAUGHT: **ANATOMY AND PHYSIOLOGY I AND II, BIOLOGY FOR SCIENCE MAJORS I**

- Effectively instruct general biology and anatomy and physiology lectures and laboratories to a diverse student body using a variety of active learning techniques and integration of instructional technology as an adjunct instructor.
- Assess and design course content, such as preparing syllabi and creating online content.
- Maintain a professional and courteous attitude to ensure a culture of learning with students and collegiality among members of the Richland team.

2009 – 2013

ZOOLOGICAL EDUCATOR, DALLAS ZOO AND AQUARIUM

- Delivered educational programs using live animals to highlight biology, biodiversity, and conservation.
- Created content for special events.
- Provided unique educational opportunities to participating students/ groups such as night hikes, overnights, and direct animal interactions.

2007-2008

100TH MERIDIAN TECHNICAL CONSULTANT, UNITED STATES FISH AND WILDLIFE SERVICE

- Managed survey data and updated website

2006

GRADUATE TEACHING ASSISTANT, UNIVERSITY OF TEXAS AT ARLINGTON

- Delivered initial instruction and assisted students with general biology laboratory experiments and exercises.

2005-2006

HIGH SCHOOL TEACHER, SOUTH GARLAND HIGH SCHOOL

COURSES TAUGHT: **CHEMISTRY**

- Within the framework of TEKS, designed and delivered upper-level chemistry course content to a diverse student body using active learning techniques and available instructional technology.

2004-2005

HIGH SCHOOL TEACHER, GREENVILLE HIGH SCHOOL

COURSES TAUGHT: **CHEMISTRY**

- Within the framework of TEKS, designed and delivered upper-level chemistry course content to a diverse student body using active learning techniques and available instructional technology.

2001-2004

RESEARCH ASSISTANT- GENETICS, UT SOUTHWESTERN MEDICAL CENTER

- Assisted research faculty, postdoctoral students, and PhD students with genetic experiments.

EDUCATION

AUGUST 2008

MASTER OF SCIENCE IN BIOLOGY, UNIVERSITY OF TEXAS AT ARLINGTON

Thesis topic: *The effects of an artificially elevated thermal environment and seasonal acclimatization on the thermal tolerance of the western mosquitofish, Gambusia affinis*

DECEMBER 2000

BACHELOR OF SCIENCE IN BIOLOGY, UNIVERSITY OF TEXAS AT ARLINGTON

CERTIFICATES AND AWARDS

DECEMBER 2021

BAKERY/PASTRY FOUNDATIONS CERTIFICATE, DALLAS COLLEGE- EL CENTRO CAMPUS

JANUARY 2007

ENVIRONMENTAL RESEARCH FELLOWSHIP, LUMINANT POWER- \$75,000

AUGUST 2005

TEXAS EDUCATOR CERTIFICATE, TEXAS A&M COMMERCE

- Composite Science, Grades 8-12

SERVICE- COMMUNITY

- Lasagna Love Volunteer, 2026-Present
- For Goodness Bakes Volunteer, 2023-Present
- San Antonio Food Bank Volunteer, 2022-present
- North Texas Food Bank Volunteer, 2020-2022
- Feed My Starving Children Volunteer, 2020-2022
- Dallas Regional Science and Engineering Fair Judge, 2001-2022
- Texas Science and Engineering Fair- Judge annually since 2019
- Garland High School Orchestra Booster Club - Club President 2021-22

ORAL PRESENTATIONS

- *Thermal adaptations of the western mosquitofish, Gambusia affinis, living in thermal effluents from a coal-burning power plant.* Ecophysiology Workshop. Malinalco, Mexico, May 2013.
- *A potentially adaptive physiological response to thermal habitat alteration by a globally invasive species.* The Western Division of the American Fisheries Society. Portland, Oregon, May 2008.
- *A potentially adaptive physiological response to thermal habitat alteration by a globally invasive species.* Evolution 2008. Minneapolis, MN, June 2008
- *An adaptive physiological response to thermal habitat alteration by the globally invasive species, Gambusia affinis.* Joint Meeting of Ichthyologists and Herpetologists. Montreal, Quebec, Canada, July 2008.