**Rebecca Zamora**

**Professor**

**South Plains College**

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**Academic Degrees**

**B.S. – Bachelor of Science, Biology, 1982**

Baylor University, Waco, TX

**M.S. – Master of Science, Biology/Parasitology, 1989**

University of Texas at Arlington, Arlington, TX

BIOL 5314: Biometry/Statistics (3)

BIOL 3312: Immunobiology (3)

BIOL 5449: Parasitology (4)

CHEM 4211: Biochemistry (3)

BIOL 5313: Immunoparasitology (3)

CHEM 5320: Biochemistry II (3)

BIOL 5311: Evolution (3)

Total: 22 Graduate Semester Hours

**Other, Biology/Microbiology 1989 - 1990**

University of Georgia, Athens, Georgia

The following is a list of courses taken at University of Georgia. No degree obtained. Post-Master’s course work.

GN 620: Advanced Genetics

MIB 622: Pathogenic Bacteriology (Medical Microbiology)

ZOO 830: Seminar in Parasitology

BCH 811: Cell/Molecular Biochemistry

ZOO 825: Immunoprotozoology

Total: 13 Graduate Semester Hours

**Professional Development**

**2014 SNMA (Student National Medical Association) Southern Region Conference**

Texas Tech Health Science Center, Lubbock, TX October 2014

**Presenter:** Dr. Steven L. Berk, Executive VP and Provost and Dean of School of Medicine TTU Health Science Center

**Presentation Topic:** EBOLA: “The Importance of Gender in the Global Threat of Ebola”

**Synopsis of Presentation**: Review of the 2014 Ebola Outbreak in West Africa, Transmission routes for Ebola virus, Fruit bat as probable reservoir, Prevention of Ebola infection and impact of Ebola on the female population of West Africa.

**2015 Transfer Counselor Update Workshop**

South Plains College, Levelland, TX September 2015

**Presenters**: Maryellen Baeza, Transfer Recruitment Manager and DaNay Phelps, Senior Administrator, Transfer Relations and Community College

**Synopsis of Presentation**: Seminar reviewed the variety of Colleges at TTU, Transfer scholarships available, application process for transfer students, admission requirements for transfer students, estimated cost of attending TTU, and campus tours available with specific days set aside for transfer students.

**2016 Green Zone Core Training**

South Plains College, Levelland, TX October 2016

**Presenter:** Dr. Lou Ortiz, Director of the Texas Tech Military Veterans Program

**Synopsis of Presentation:** The main mission of this seminar centered on Veteran’s advocacy training about the transition Issues veterans face as they leave military service and enter campus life and how to assist veterans and their families achieve academic and personal success. A second objective of this seminar was to identify referral resources for student Veterans on SPC campus as well as within the Community.

**2017 Undergraduate Research Conference**

Texas Tech University, Lubbock, TX , March 29, 2017

**Poster Presentations:** TTU Undergraduate Student Research projects

**2017 Service the Texan Way**

South Plains College, Levelland, TX, October 20, 2017

**Presenter:** Kevin McConic

**Synopsis of Presentation:**  Presentation centered on how South Plains College can improve each student’s life. Discussion included organizational values, competitive strategy, how we can communicate better and review of recruitment and retention strategies at SPC.

**2018 TTU Ethics Center Documentary: “Survivors of Ebola in Sierra Leone, Africa”**

TTU, Lubbock, TX September 2018

**Presenters:** Arthur Pratt (Film Producer/Director), Lansona Mansary (Producer/Director of Photography), Dr. Ralph Ferguson (TTU Ethic Center/Managing Director), Dr. Presley (Physician) and Dr. Cook (Physician)

**Synopsis of Presentation:** Through the eyes of African filmmakers, the 78 minute documentary film: “Survivors” of Ebola outbreak in Sierra Leone, Africa from 2014 – 2015 presented an unforgettable portrait of Sierra Leone’s heroes as they confronted the Ebola crisis during the most acute public health emergency of modern times. . After the film, a panel of presenters had a question and answer session to address some of the ideas in the documentary. The idea for the film started in response to the Ebola crisis in Sierra Leone to sare how people survived Ebola and the social effect Ebola had on the community. The director of the film shared how the community reall had a true conviction of coming together regardless of religion, social status, or backbround to help Ebola patients. As one mother of a patient stated, “Love is not afraid of death”.

**2019 Safety Lab and Hazardous Waste Training**

South Plains College, Levelland, TX April 17, 2019

Training included: accident prevention, safe work practices, preparation for emergiencies, hazardous waste material characteristics, importance of safety data sheets for chemicals, and proper disposal of hazardous wastes.

**2020 Data Security Training**

South Plains College, Levelland, TX

1. Password Security completed on January 13, 2020
2. Outwitting Internet Phishers completed on January 13, 2020

**2020 Success with Virtual Labs Conference**

Event hosted by McGraw-Hill Publishing Company

Virtual event on October 23, 2020

**Keynote Speaker:** Van Whaley, UNLV

**Synopsis of Presentation:** Discussion centered on online asynchronous teaching style. Encourages online instructors to make an introduction video, how to engage the class online using discussion questions, online teaching is more work than in person teaching and don’t accept late assignments.

**Other Presenters:** Valery Kramer, James Connely, Matt Garcia, Tami Hodge, Lauren Vondra

**Presentations topics**: Challenges of online teaching, virtual lab demonstration, how to utilize virtual labs

**Professional Memberships**

1991 – Present, TCCTA, Professional Membership

**Awards and Honors**

2017 Susan G. Talkmitt Science Motivator Award for outstanding and positive impact on STEM education for TTU Undergraduate scholars. CISER: Center for the Integration of STEM Education and Research (March 29, 2017)

**Service**

**South Plains College**

Microbiology Student Lab Supervisor (2000 – Present)

UIL Science Competition Grader (1991 – Present)

TASKstream Microbiology Administrator (2011 – 2020)

**Community**

Lubbock Community Band Board Member (8/01/2013 – 12/31/2016)

Secretary (8/2013 – 1/2016)

Lubbock Community Band Member (9/14/2009 – Present)

Musician/Play French Horn

West Winds Brass Band Board Member (10/01/2016 – Present; Previous Board member 2001 – 2004, Secretary 2002 – 2004)

West Winds Brass Band Member (1/10/200 – Present)

Musician/Play E-flat Alto Horn

Southcrest Church Orchestra

Musician/Play French Horn (3/10/2013 – Present)

**2017 6th Annual Ciser Scholar Research Forum**

Texas Tech Univeristy, Lubbock, TX, November 11, 2017

I served as an Evaluator/Judge for 28 research presentations by TTU Undergraduate students for CISER (Center for the Integration of STEM Education and Research) Scholarship recipients. Each student was evaluated on delivery, relevance of research, logical progression in presentation, explanation of research, data analysis, and included a question/answer session. This was a unique opportunity to be included as one of the evaluators of science projects delivered in an oral presentation in research areas including: Biology, Immunology, Animal behavior, Cancer research, Physics, Biochemistry, Neurology, Mathematics, and Engineering. Each project was fascinating and ranged in topics from robot intervention in autism therapy to nanotechnology in dissolving bacteria bifvilms as treatment plan for wound therapy.

**Creative Activities**

UIL Solo and Ensemble Piano Accompanist (2010 – Present)

Event: UIL Solo/Ensemble Regional and State Competitions