

## **Dr. Xavier F. Gonzales**

Texas A&M University-Corpus Christi  
Science & Engineering, Life Sciences

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### **Education**

PhD, Universidad Nacional Autonoma de Mexico, 2014.

Masters of Science in Public Health, Texas A&M University Health Science Center, 2006.

BS, Texas A&M University Corpus Christi, 2001.

### **Licensures and Certifications**

Death investigation - Gulf Coast Training Academy. (2016 - Present).

Emergency Medical Technician. (2016 - Present).

Challenge-Based Instructions Teaching Strategies. (2016 - Present).

Confocal Imaging Instruction Teaching Strategies. (2016 - Present).

Fluorescent Microscopy application. (2016 - Present).

Scientific teaching workshop and seminar development. (2015 - Present).

### **Professional Memberships**

American Association for Cancer Research

American Society of Microbiology

Mexican Association of Psychoneuroimmunoendocrinology

Mexican Biochemistry and Molecular Bacteriology Society

IEEE

Council on Undergraduate Research

Society of Advancement of Chicanos and Native Americans in Science

Texas Association of Advisors for Health Professions

Texas Association of Chicanos in Higher Education

Sigma Xi, Scientific Research Society

## **TEACHING**

### **Teaching Experience**

BIMS 2200, PROFESSIONAL SKILLS

BIMS 4299, DIRECTED INDEPENDENT RESEARCH

BIMS 4311, BIOLOGY OF CANCER

BIMS 4375, MECHANISMS OF MICROBIAL

BIMS 4396, DIS Comparative transcriptions analysis of Tardigrades from marine, fresh water and terrestrial

BIOL 2200, PROFESSIONAL SKILLS

BIOL 2416, GENETICS

BIOL 5396, DIS: Teaching Assistant Preparation

## **SCHOLARLY AND CREATIVE ACTIVITIES**

### **Presentations**

Gonzales, X., "Catecholaminergic Regulation of Immune Cell-Pathogen Interaction," Departmental of Cellular Physiology Seminar, Texas A&M University Health Science Center, College of Medicine, College Station. (January 2015).

## **Contracts, Grants and Sponsored Research**

### **Grant**

Gonzales, Xavier, "JAMP- Joint Admission Medical Program," Sponsored by JAMP, State, \$12,962.00. (September 1, 2015 - August 31, 2016).

### **Sponsored Research**

Naehr, Thomas H. (Co-Principal), Coffin, Richard (Principal), Gonzales, Xavier (Co-Principal), "AGEP-T: Collaborative Research: Advancing Interdisciplinary STEM Graduate Education in Energy and Sustainability Disciplines," Sponsored by NSF/HRD, Federal, \$146,000.00. (September 15, 2013 - February 28, 2018).

## **Scholarly and Creative Awards and Honors**

Steps Toward Academic Research (STAR) Fellow, Texas Center for Health Disparities, University of North Texas Health Science Center Fort Worth TX; funded by the National Institutes on Minority Health and Health Disparities. (2015).

## **SERVICE**

### **University**

Committee Chair, Health Professions Advisory Committee (HPAC). (September 2015 - Present).  
Program Coordinator, Joint Admissions Medical Program (JAMP). (September 2015 - Present).  
Sponsorship and Recruitment Coordinator, Society for the Advancement of Chicanos/Hispanics and Native Americans in Science (SACNAS). (September 2014 - Present).

### **Professional**

Conference-Related, Annual Biomedical Research Conference for Minority Students (ABRCMS). (November 2015).