

ACADEMIC BACKGROUND

Education

Texas Woman's University, Ph.D., Health Studies, 2015
University of Texas at Arlington, M.A.I.S., Science Education, 2005
Texas A&M University, B.A., Biology, 2003
Tarrant County College, A.A., 2012
National Commission for Health Education Credentialing, Certified Health Education Specialist

TCU Employment

Texas Christian University, Instructor II of Anatomy & Physiology, 2019-Present
Texas Christian University, Lecturer of Anatomy & Physiology, 2018-2019
Texas Christian University, Adjunct of Anatomy & Physiology, 2015-2018

Other Employment

Tarrant County College, Tenured Associate Professor of Biology/Coordinator of A&P, 2017-2019
Tarrant County College, Department Chair of Life Sciences, 2012-2018
Tarrant County College, Tenured Assistant Professor of Biology /Coordinator of A&P, 2013-2017
Tarrant County College, Instructor/Coordinator of A&P, 2009-2013
Tarrant County College, Adjunct of A&P, 2008-2009; 2020
University of Texas at Arlington, Upward Bound Instructor, 2008
Nolan Catholic High School, Biology/Anatomy & Physiology Teacher, 2006-2009
Tarrant County College, Biology Lab Instructional Associate, 2005-2006
Crowley ISD, Substitute Teacher, 2003-2005
U.S.D.A., Agricultural Research Service, *Salmonella* Lab, Research Assistant, 1999-2002

Internships & Study Abroad

Texas A&M University, Botany Lab, 2002
La Universidad de Salamanca, Study Abroad, 2002
U.S. Department of Agriculture, Agricultural Research Service, Entomology Lab, 1999
U.S. Department of Agriculture, Natural Resource Conservation Service, Soil Conservation Lab, 1998

Continuing Education

CECH 1hr: Practicing Cross-Cultural Communication: Hepatitis A Outbreak, State University of New York, 2018
CECH 1hr: Exploring Cross-Cultural Communication, State University of New York, 2018
CECH 1hr: Practicing Cross-Cultural Communication: Community Health Worker Program, State University of New York, 2018
CECH 1hr: African American History for Health Care Providers, State University of New York, 2018
CECH 1hr: Doing a Lot with a Little: Economic Analysis in Public Health, State University of New York, 2018
CECH 1hr: The Messenger Chronicles: Moving Toward Synergy, State University of New York, 2018
CECH 1hr: The Messenger Chronicles: Managing Stress and Time, State University of New York, 2018
CECH 1hr: Health Literacy and Public Health, State University of New York, 2018
CECH 1hr: Practicing Cross-Cultural Communication: Flood, State University of New York, 2018
CECH 1hr: Community Dimension of Public Health Practice: Module 1, State University of New York, 2018
CECH 1hr: Community Dimension of Public Health Practice: Module 2, State University of New York, 2018
CECH 1hr: Evaluating a Public Health Program, State University of New York, 2018

CECH 1.5hr: Mastering the Roles of Supervision, State University of New York, 2018
CECH 1hr: The Messenger Chronicles: Be Prepared, State University of New York, 2018
CECH 1hr: Program Development and Evaluation, State University of New York, 2018
CECH 2hr: Breastfeeding and the Workplace: Success Takes a Team, State University of New York, 2018
CECH 1hr: Supporting and Promoting Breastfeeding in Health Care Settings Module 1: Prenatal Care, State University of New York, 2018
CECH 1hr: Supporting and Promoting Breastfeeding in Health Care Settings Module 3: Hospital Care Part 2, State University of New York, 2018
CECH 1hr: Supporting and Promoting Breastfeeding in Health Care Settings Module 4: Early Postpartum/Postnatal Care, State University of New York, 2018
CECH 1hr: Understanding Population Health, State University of New York, 2018
CECH 1hr: Alzheimer's Disease and Advance Directives: A Primer for PCP, State University of New York, 2018
CECH 1hr: The Importance of Comprehensive Skin Assessment and Proper Positioning in the Prevention of Pressure Ulcers, State University of New York, 2018
CECH 1hr: Finding Patients with Undiagnosed Hypertension, State University of New York, 2018
CECH 1hr: Identifying and Assessing Mild Traumatic Brain Injury, State University of New York, 2018
CECH 1hr: Leadership: Thriving During Change, State University of New York, 2018
CECH 1hr: When Cure is Not the Goal: Palliative Care for Chronic Wounds, State University of New York, 2018
CECH 1hr: Parkinson's Disease: The Importance of an Interdisciplinary Approach for Identification, Treatment and Patient Support, State University of New York, 2018
CECH 1hr: Physician Engagement in Pressure Ulcer Prevention & Treatment, State University of New York, 2018
CECH 1hr: Your Documentation Matters: Pressure Ulcer Documentation, State University of New York, 2018
CECH 1hr: Reaching the Uninsured, State University of New York, 2018
CECH 1hr: Can We Prevent Infant Sleep-Related Deaths? State University of New York, 2018
CECH 1hr: Staging, Measuring and Documenting Pressure Ulcers, State University of New York, 2018
CECH 1hr: The Evolving Long-Term Care Environment, State University of New York, 2018

Honors and Awards

Bold Women Honoree, Girls Inc., 2019
Chancellor's Employee Excellence Award, 2018
Excellence Award, National Institute for Staff and Organizational Development, 2017
Chancellor's Award for Exemplary Teaching, Tarrant County College, 2016
Distinguished Faculty Award, Texas Association of Chicanos in Higher Education, 2015
Community Industry & Education Champion Award, Tarrant County College, 2014
Chancellor's Distinguished Leadership Award, Tarrant County College, 2013
Presidential Leadership Award, University of Texas at Arlington, 1999

TEACHING

Courses Taught

Texas Christian University: BIOL 20204 Lecture/Lab, BIOL 20214 Lecture/Lab, BIOL 40440, UNLF 10211

Tarrant County College: BIOL 2401 Lecture/Lab, BIOL 2402 Lecture/Lab

Courses Developed (Tarrant County College)

Academic Courses: BIOL 2401 Integrated Lecture/Lab, BIOL 2401 Hybrid

Program Courses: SCIT 1000- A&P for the Health Coding Program

Camps: Ophthalmology & Pharmacy Camp GENX 1015, Biotechnology Camp BITC 1011, Latina STEM Camp, College for Kids Anatomy Camp SCIX 1330, Explore STEM Camp for Deaf and Hard of Hearing Students

Pre-collegiate STEM Program: Latina STEM Fellowship

Intramural Funding for Academic Work

TCU Inclusive Excellence Fund, \$2,500, FL2020-SP2021

Create and implement a STEM & Culture Symposium

Extramural Funding for Academic Work

TCU Inclusive Excellence Award, 2020-2021 (\$2,500)

STEM & Culture Symposium: Promote DEI in STEM

Texas Workforce Commission, Explore STEM Grant, 2018, 2019

Camp to provide Deaf and Harding of Hearing students an opportunity to explore STEM careers.

Lockheed Martin Corporation Grant Award, 2017-18 (\$5,000/year), 2018-2022 (\$10,000/year)

Latina STEM Fellowship Goal: To support young women interested in STEM through skill building, education and career planning, and mentorship through a year-round pre-collegiate program.

Doss Foundation Grant Award, 2017-19 (\$5,000/year)

Latina STEM Fellowship Goal: To support young women interested in STEM through skill building, education and career planning, and mentorship through a year-round pre-collegiate program.

Bank of America Littauer Trust Grant, 2018-2019 (\$15,000/year)

Latina STEM Fellowship Goal: To support young women interested in STEM through skill building, education and career planning, and mentorship through a year-round pre-collegiate program.

Texas Workforce Commission, Governor's Summer Merit Program Grant Award, 2016, 2017

Latina STEM Camp Goal: To support young women interested in STEM through skill building, education and career planning, and mentorship through a two-week summer camp.

Texas Workforce Commission, Governor's Summer Merit Program Grant, 2015

Career Camp Goal: To support students interested in careers in biotechnology through exposure to applicable science curriculum, career options, educational requirements and professionals.

National Science Foundation S-STEM Grant Proposal, 2013

STEM Scholarship Program Goal: To create a pipeline for underrepresented students interested in STEM fields through academic support, a guided curriculum, mentorship, and exposure to research opportunities.

Texas Workforce Commission, Governor's Summer Merit Program Grant, 2013

Career Camp Goal: To support students interested in the high need areas of ophthalmology and pharmacy through exposure to applicable science curriculum, career options, educational requirements and professionals.

RESEARCH AND CREATIVE ACTIVITIES

Dissertation

Driving home: An Analysis of Obesity-related Behaviors among College Students Living On and Off Campus, Texas Woman's University, 2015

Presentations

Hispanic Health Paradox

TCU SACNAS x Pre-Health DEI Advocates, FL2021

Applying for College 101

Latina STEM Fellowship, FL2021

Welcome to the TCU Familia: On Beginning a New Journey

Hispanic Alumni Alliance, SU 2021

Women in Science Workshop

TCU STEM Scholars, SP 2021

How the R.I.S.E Program Impacted Me

TCU R.I.S.E Commencement, SP 2021

Time Management: A Key to Success

Cuidado Casero Passport to Success Leadership Conference, SP2021

SMART Goals

MANA de North Texas, SP 2021, SP 2022

Keeping Healthy During a Pandemic with Chair Yoga

MANA de North Texas, FL2020

A Latin Success Story

Tarrant County College Juntos Learning Community, FL2020

Familismo: Find it Here

TCU Hispanic Alumni Alliance, SP2020

Women in STEM Panel

Mentoring Melanin Magic, TCU/TABS, FL2019

Influencers in Education: From Passion to Implementation

Botanical Research Institute of Texas, Teacher Tuesday Seminar, FL2019

Time Management is Priority Management

TCU Leadership Conference, SU 2019; TCU Professional Development Day, FL2019

An Open Lab Model for Improving Student Grades and Confidence

Human Anatomy and Physiology Society National Conference, 2019

Latina STEM Fellowship: A Model for Building Cultural Capital Among Latinx Students

American Association of Hispanics in Higher Education National Conference, 2019

What to Expect When You are Expecting...Your Daughter to Go to College

Tarrant County College, Latina STEM Fellowship Parent Seminar, 2018

Building Cultural Capital Among First-Generation Students Through Holistic Programming

Ruffalo Noel Levitz National Conference, 2018

Integrated Anatomy & Physiology: An Active Learning Model

Human Anatomy and Physiology Society National Conference, 2018

Commencement Keynote

Daggett Montessori School, 2018

Podcast: Fun Ways to Engage Your A&P Class (#4 all-time)

McGraw-Hill Higher Education, 2017

The Latina STEM Fellowship: A Governor's Summer Merit Grant Program

Texas Association of Chicanos in Higher Education State Conference, 2017

The Importance of Mentorship

MANA of North Texas, Mentor Recruitment Event, 2017

Supporting Women in STEM Panel

Hispanic Women's Network, Café con Leche, 2017

The Challenges and Rewards of a STEM Degree

STEM Forward Conference, Tarrant County College, Latinas In Progress, 2017

Driving home: An Analysis of Obesity-related Behaviors among College Students Living on and off Campus

Student Creative Arts and Research Symposium, Texas Woman's University, 2016

Commencement Keynote

Charles E. Nash Elementary School, 2011

Supplemental Instruction Proposal to Vice Presidents of Tarrant County College

Result: The \$1.2 million request was accepted by the TCCD Board and has been implemented.

Media Coverage

Fort Worth Medical Students Inspire Young Latina Women

<https://mdschool.tcu.edu/news-item/fort-worth-medical-students-inspire-young-latina-women/>

Telemundo/NBC 5: Latina STEM Fellowship

<https://www.telemundodallas.com/videos/programa-ofrece-grandes-opciones-academicas-en-condado-tarrant/2116787/>

The Collegian: Passion for Service Drives TR Professor

<https://collegian.tccd.edu/?p=30935>

Texas A&M University AgriLife: Scientists talk education, careers, family on 'Women in STEM' Panel <https://today.agrilife.org/2018/03/23/stempanel/>

TCU Research Festival: The Dimensionality of Learning: 3D Curriculum Embedded into a Latina STEM Program

<https://coe.tcu.edu/honors-math-science-students-win-research-festival/>

Nuestra Voz News: Their Future Looks Bright (front page and page 14)

https://static1.squarespace.com/static/5d5332195ac1be000157cb1a/t/5d6c491bf0b2850001fec9a3/1567377702085/Nuestra_Voz_2017_07_July.pdf

Fort Worth ISD: Eight FWISD Teens Participate in Latina STEM Fellowship Program

<https://www.fwisd.org/site/default.aspx?PageType=3&ModuleInstanceID=20975&ViewID=DEDCCD34-7C24-4AF2-812A-33C0075398BC&RenderLoc=0&FlexDataID=32626&PageID=13352&Tag=&Comments=true>

Consulting

Authorships

Middle Grades Life Sciences Curriculum for the State of Texas
Savvas Learning Company, 2021-Present

Laboratory Manual for Anatomy & Physiology I
Tarrant County College, 2019-Present

Advisory Boards

Online Learning Content
McGraw Hill, 2017-Present

Reviews

Open Educational Resources Grant Program
Texas Higher Education Coordinating Board, 2018

Chapter Reviews
Pearson, 2015-2018

Animation Review
John Wiley & Sons, Inc., 2018

Learning Outcomes Review
Wiley Global Education, 2017

Conferences

Cuidado Casero Passport to Success Leadership Conference, SP2020, SP2021
SACNAS National Diversity in STEM Conference, FL2018, FL2019, FL2020, FL2021
TCU Leadership Conference, FL2018, FL2019
TCU LeadOn Professional Development, FL2019
American Association of Hispanics in Higher Education National Conference, SP2015, SP2019
Human Anatomy and Physiology Society National Conference, SU2017-2020
Ruffalo Noel Levitz National Conference, SU2018
Texas A&M University, Student Conference on Latino Affairs, SP2015, SP2016, SP2019
Texas Association of Chicanos in Higher Education Conference, 2011, 2013, 2014, 2015, 2016, 2017
National Community College Hispanic Council Leadership Symposium, 2010

Texas Community College Teachers Association Leadership Conference, 2009, 2010
Texas Community College Teachers Association Leading from the Middle, 2012

Internal Professional Training

Teaching and Learning Conversation: Building Inclusive Teams, FL2021
Pedagogy in Practice: Grading Less, Learning More: Ethical Assessment Practices, FL2021
TCU Fall Leadership Series: Mitigating Unconscious Bias, FL2020
Hiring and Selection Committee Training, FL2020
Unconscious Bias Training, FL2020
PageUp Training, FL2020
TCU Summer Leadership Series: Empathy & Intercultural Competency, SU2020
Classroom VTC Training, SU2020
Bystander to Upstander, SP 2020
RCR Training, SP 2020
Developing and Implementing an Outward Mindset, SP2020
Ramping Up with TCU Online, SP2020
Making a Shift: Hiring Training, FL2019
International Travel Policy, FL2019
Summer Orientation Advisor Training, SU2019
Inclusive Communication, 2019
Bridges: Taking Action, 2019
Code of Conduct, 2019
FERPA Basics, 2019
Protecting Youth Prevention, 2019
Minors on Campus, Alliance for Children, 2019
Service Leadership, 2019
Coaching for Great Work, 2019
Adaptive Leadership, 2019
Purpose Workshop, 2019
Legal Issues, 2019
Coaching Habits, 2018
Strengths Deployment Inventory, 2018
Communicating for Best Results, 2018
Performance Management, 2018
Intentional Dialogue Training, 2018
Inclusive Leadership, 2018
Communicating for Connection, 2018
Navigate Change, 2018
Bridges: Taking Action, 2018
Code of Conduct, 2018
FERPA Basics, 2018
Active Learning and the Flipped Classroom, April 18, 2018
Panopto, Koehler Center, SP2018
Facilitator Focus Group Training, SP2018
Bridges Title IX, 2017

Code of Conduct, 2017
Conflict of Interest, 2016
Code of Conduct for Higher Education, 2015
EEO Laws Discrimination Prevention in Higher Education, 2015
Unlawful Harassment Prevention, 2014

Seminars

The Brain: Circuitry that Controls Behavior with UTSW Medical Center, SP2022
Moving Forward through Activism and Advocacy with Bakari Sellers, FL2021
Addressing Privilege with MaryBeth Gasman, FL2021
Restorative Justice with Hanadi Chehabeddine, FL2021
Liberation through Empowerment with Romeo Jackson, FL2021
Social Movements with Felipe Hinojosa, FL2021
LinkedIn Learning: Difficult Conversations: Talking about Race at Work, SU2021
Seminar with Lee Merritt, SP2021
Understanding Intersectionality to Promote Social Justice with Kimberly Crenshaw, SP2021
A Dialogue on TCU's Efforts to Reconcile with Native Americans, SP2021
STEM Supremes: In Conversation with France Cordova, SP2021
LinkedIn Learning: Sleep is Your Superpower, SP2021
LinkedIn Learning: Communicating with Empathy, SP2021
LinkedIn Learning: Overcoming Overwhelm, SP2021
Fighting the Mom Penalty in the COVID Era, FL2020
SACNAS x USC: Mapping Your Power as a Scientist Advocate, FL2020
Diversity Day: Intersectionality, FL2020
What Workplace Inclusion Looks Like & How to Actually Achieve It with Deanna Singh, FL2020
How to Support Marginalized & Vulnerable Students During Covid-19, SP2020
HAPS: Virtual Town Hall Return to Face-to-Face Labs During the COVID-19 Pandemic, SU2020
The Inclusive Excellence Forum with Dr. Damon Williams, SP2020
How to Make a LeaderSHIFT with Tracy Williams, SU2019
Personal Branding as a Positive Influence, The Power of Self Awareness with Margaret Linville, 2019
Active Learning and the Flipped Classroom, SP2018
Rise Up! A Public Lecture with Katherine Spillar, FL2017
Active A&P: Unlocking Student Potential Using Digital Resources, October 2016
Taming the Monster: Rethinking the Role of Content*, November 2015
Evidence-Based Teaching in Higher Education: Strategies to Improve How Your Students Learn*,
December 2015
Content and Critical Thinking: A Better Balance*, February 2015
TC2S4: Scholastic Summit, 2014
A&P Digital Learning Tools*, April 2013
How the Brain Learns Magna Online Seminars*, October 2013
McGraw-Hill Connect Seminar, July 2012
Latino Education & Advocacy Days* March, 2011
Five Ways to Improve Interaction in Online Courses*, April 2011
Early Alert Webinar*, November 2011
A&P Revealed Technology* November, 2011

SERVICE

Department Service

Health Professions Advisory Committee, FL2020-Present
HPAC Mock Interviews, SU2021
STEM Scholar Mentor, FL2019-Present
E.P.I.C. Grant Student Advisor, SP2019-Present
DEI Ad-hoc Committee, FL2021-SP2022
STEM Scholar Visiting Lecturer, SU2019, SU2020, SU2021

College Service

CSE College Diversity Advocate, FL2019-Present
CSE Diversity, Equity, and Inclusion Committee, FL 2018-Present
CSE Diversity, Equity, and Inclusion Committee Chair, FL2019
Dean's Leadership Team, FL2019-Present
STEM Scholar Advisory Committee, FL2020-Present
STEM & Culture Symposium Leadership Team, FL2020-Present
DEI Hiring Support (1-BIOL, 2-PSYC, 1-MATH, 1-RMGT), FL2021/SP2022
Search Committee DEI Interviews (2-RMGT), FL2021
Search Committee DEI Interviews (1-COSC, 3-ENVS, 2-MATH), SP2020
Search Committee DEI Interviews (3-NUTR, 3-PHPI), FL2019
Student Research Symposium Tech Host, SP2021
Student Research Symposium Judge, SP2019
Graduate Student Orientation DEI Representative, SU2020, SU 2021

University Service

Faculty Senate, Fall 2020-Present
HMOVV Core Evaluation Committee, Fall 2021-Present
Faculty Advisor, TCU SACANAS, Fall 2019-Present
STEM Scholar Interview Panel, SP2021, SP2022
STEM Scholar Application Reviewer, SP2021, SP2022
STEM Scholars Advisory Board, Fall 2020-Present
STEM Scholars Orientation, SU2020
Chancellor's Post-doctoral Fellow Hiring Committee, FL2019-SP2021
First Gen Advisory Board, FL2020-Present
Faculty Senate, Education Evaluation Committee Member, FL2020-2023
Chancellor's Post-doctoral Fellow Hiring Committee, FL2020-SP2021
TCU Departmental Best Practices Listening Tour Interview, SP2020
TCU DEI Campus Leader Inventory Interview, SP2020
DEI Inventory, FL 2019
Professional Development Day Presenter, SU2019
Leadership Conference Presenter, SU2019
Evening of Excellence, Admissions, 2019
University Diversity, Equity, and Inclusion Committee, FL2018-SP2019
Focus Group Leader, Human Resources, 2018

Professional Memberships (Current)

Hispanic Woman's Network
Human Anatomy and Physiology Society
Texas Association of Chicanos in Higher Education
MANA de North Texas
Society for the Advancement of Chicanos/Hispanics and Native Americans in Science

Leadership Experience

Founder/Director, Latina STEM Fellowship, 2016-Present
Site Based Decision Making Team, Texas Academy of Biomedical Sciences Site, FL2017-Present
R.I.S.E. Program, Texas Christian University, FL2020-SP2021
Manager Leader Program, Texas Christian University, 2018-Present
District STEM Council Member, Tarrant County College, 2015-2019
Department Chair of Life Sciences, Tarrant County College, 2012-2018
Latina STEM Fellowship Director, Tarrant County College, 2016-2019
District Academic Curriculum Team, Tarrant County College, 2015-2017
Faculty Association President, Tarrant County College, 2010-2011

Community Service

MANA de Fort Worth Mentoring, 2017-Present
AVID Career Speaker, W.A. Meacham Middle School, 2018
Holy Family Catholic School Science Fair, 2017
COMPASS Women's Mentoring, 2014-2017
Riverside Middle School Science Camps, 2011-2013

Other Professional Service and Committees

American Sign Language Narration for Student Exams, 2017
Active Learning Academy Stakeholder, 2017
Enrollment Management Task Force, 2015
TCCD TR Faculty Association President-elect, 2009-2010
TCCD TR Faculty Association Promotion & Rank Committee, 2011-2012
TCCD TR Faculty Association Salary & Benefits Committee, 2012-2014
TCCD TR Faculty Association District Hearing Committee, 2015-2019
Faculty Association District Joint Consultation Committee, 2009-2011
Presenter for First Week Back Breakout Session 2009
College for Kids Instructor, Fall 2009, Summer 2009, Summer 2010
Academics Day Presenter, 2010
Leadership Summit Presenter, February 2010 & 2011
TCCD Budget Planning Committee, 2010
TCCD Strategic Planning Committee, 2009-2010
TCCD Vision 2015 Team, 2009-2010
TR Hybrid Committee, 2010-2011

TR Mentor for STSC, Integral Experience and Mentoring Magic, 2011-2013
Math Competition with Nash Elementary, April 2010
TCCD Achieving the Dream Core Team, 2010-2015
TR Achieving the Dream Campus Core Team, 2012-2014
Academics Day Planning Committee, 2010-2012
A&P District Summer Committee, 2011-2012
Rock and Enroll, 2010
SACS Quality Enhancement Plan Topic Committee, 2011
IDEA Committee, 2011-2012
Trick or Treat on Main Street, 2009-2013
Abrazando al Exito (Embracing Success) Committee, 2012- 2018
E-Text Committee, 2012-2013
A&P Common Textbook Committee, 2012-2013
TCCD Louis Stokes Alliance for Minority Participation Summer Research Recruiter, 2012
Supplemental Instruction Committee, 2013-2014
Chancellor's Exemplary Teaching Selection Committee, 2013-2014
Continuum Leadership Team, 2013