TEXAS STATE VITA

I. Academic/Professional Background

A. Name: Monica Uribe Title: Lecturer

B. Educational Background

Degree	*Year*	*University*	*Major*	*Thesis/Dissertation*
Ph. D. in Mathematics Education	*In progress*	*Texas State University*	*Mathematics Education*	
Master of Education in Mathematics Education	*2021*	*Texas State University*	*Mathematics*	*Exam*
Bachelor of Science in Mechanical Engineering	*1996*	*Universidad Autónoma de Nuevo León*	*Engineering*	

C. University Experience

GED Instructor Palo Alto College 2005-2007

D. Relevant Professional Experience

Education Specialist

NASA NSTEM GOH-LMI March 2023-October 2026

- Create NASA NGS STEM Educator Professional Development Sessions, asynchronous and synchronous virtual & face to face
- Develop NASA NGS STEM content and educational resources including instructional videos
- Coordinate PD NGS STEM Engagement Events
- Present NASA NGS STEM content at Conferences
- Support Internships

LBJ Institute for STEM Education and Research August 2022-February 2023

NASA Armstrong Flight Research Center and Ames Research Center [STEM Engagement & Educator Professional Development Collaborative (EPDC) Specialist]

- Create Educator Professional Development Sessions

- Develop NASA STEM content and educational resources including instructional videos
- Deliver asynchronous and synchronous virtual & face to face PD Sessions
- Student Engagement K-20
- Coordinate STEM Engagement Events
- Communicate and establish external partnerships
- Educational Researcher for STEM Initiatives
- Present NASA STEM content at Conferences

LBJ Institute for STEM Education and Research January 2019-August 2022

NASA Armstrong Flight Research Center [STEM Engagement & Educator Professional Development Collaborative (EPDC) Specialist]

- Create Educator Professional Development Sessions
- Develop NASA STEM content and educational resources including instructional videos
- Deliver asynchronous and synchronous virtual & face to face PD Sessions
- Student Engagement K-20
- Coordinate STEM Engagement Events
- Communicate and establish external partnerships
- Educational Researcher for STEM Initiatives
- NASA EPDC Aeronautics Liaison
- Present NASA STEM content at Conferences

LBJ Institute for STEM Education and Research June 2017-January 2019

Program Specialist and Data Analyst

- Data analysis of student and educator STEM education activity outcomes
- Development, implementated, and maintenance of data bases
- Filtered and cleaned data and performance indicators
- Led educator professional development collaborative (EPDC) curriculum, professional development, and event support
- Perform translation of documents, STEM activities, educator, and student content to Spanish

High School Teacher 2011-2017

Lockhart High School

Providing Enrichment and Intervention Education, including:

- Individualized instruction for struggling students
- Provided enrichment program for students
- AP Calculus, AP Statistics teacher
- Spanish club sponsor
- Cross curricular implementation
- Mathematics lead

Middle School and High School Teacher 2007-2011

Sendero Academy

Providing Enrichment and Intervention Education, including:

- Individualized instruction for struggling students
- Provided enrichment program for students
- Developed lesson plans, semester curriculums, and nine-week planning student guides

Tutor 2006-2007

Southwest I.S.D

- Individualized instruction for struggling students

Educator 2006-2007

Northwest Vista College

- G.E.D instructor in Spanish and English

Educator 2005-2007

Palo Alto College

- G.E.D instructor in Spanish and English
- Recruited High school migrant students for the G.E.D program
- Conducted home visits

Engineer 2000-2005

Saval de México, S.A de C. V

- Conducted plant start-up for Volkswagen de México
- Developed the QS ISO 9000 and VDA 6.3 certifications
- Created multi-disciplinary teams, quality assurance, human resources, control plans and process control

Engineer 1999-2000

Protexa

- Developed ISO 9000 quality control plans

Engineer 1998-1999

Camisas Palma

- Developed procedures and trainings to optimize the product and improve performance and final product.
- Supervised the improvement of the production line
- Trained the personal in following procedures an quality control manual

E. Other Professional Credentials (licensure, certification, etc.)

Mathematics Educator (4-12)

II. TEACHING

A. Teaching Honors and Awards:

Lockhart ISD Secondary Teacher of the Year	2016-2017
Lockhart High School Teacher of the Year	2014-2015
Lockhart High School Key Club Fellow Co-Sponsor	2016-2017
Bilingual STEM Educational Institute Fellow with the LBJ Institute for STEM Education and Research	2015-2016

B. Courses Taught:
All mathematics high school

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

D. Courses Prepared and Curriculum Development:
Mathematics middle school, high school, GED, NASA STEM Engagement and professional development, STEM conferences and presentations.

E. Teaching Grants and Contracts

1. Funded External Teaching Grants and Contracts:

2. Submitted, but not Funded, External Teaching Grants and Contracts:

3. Funded Internal Teaching Grants and Contracts:

4. Submitted, but not Funded, Internal Teaching Grants and Contracts:

F. Other:

G. Teaching Professional Development Activities Attended
NASA professional developments and conferences

III. SCHOLARLY/CREATIVE

A. Works in Print (including works accepted, forthcoming, in press):

1. Books:

    a. Scholarly Monographs:

    b. Textbooks:

    c. Edited Books:

    d. Chapters in Books:

    e. Creative Books:

2. Articles:

    a. Refereed Journal Articles:

    b. Non-refereed Articles:

3. Conference Proceedings:

    a. Refereed Conference Proceedings:

    b. Non-refereed:

4. Abstracts:

5. Reports:

6. Book Reviews:

7. Essays:

8. Poems:

9. Short Stories:

10. Other Works in Print:

B. Works Not in Print:

1. Papers Presented at Professional Meetings:

2. Invited Talks, Lectures, and Presentations:

3. Consultancies: NASA STEM

4. Workshops: NASA STEM

5. Other Works not in Print:

a. Works "submitted" or "under review":

b. Works "in progress":

c. Other Works Not in Print:

C. Scholarly / Creative Grants and Contracts:

1. Funded External Grants and Contracts:

2. Submitted, but not Funded, External Grants and Contracts:

3. Funded Internal Grants and Contracts:

4. Submitted, but not Funded, Internal Grants and Contracts:

D. Scholarly / Creative Fellowships, Awards, Honors:

E. Scholarly / Creative Professional Development Activities Attended:

F. Media Recognition:

Antelope Valley Air Show (AVAS) STEM Committee	2022
Antelope Valley Air Show (AVAS) STEM Committee	2021

IV. SERVICE

A. Institutional

1. University:

Texas State University Hispanic Policy Network Historian	2018-2019
Texas State University Naturalization Ceremony Committee	2018

2. College:

3. Department/School:

Spanish club sponsor	2013-2017
Lockhart High School PBIS Committee	2016-2017
Student and teacher mentor	

B. Professional:

Educator Professional Development mentor	
FIRST Robotic mentor	2020-2022

C. Community:

San Vincent de Paul Senior Center	2005-2007
Catechist	1992-2005

D. Organization Memberships:

E. Service Honors and Awards:

F. Service Grants and Contracts:

1. Funded External Service Grants and Contracts:

2. Submitted, but not Funded, External Service Grants and Contracts:

3. Funded Internal Service Grants and Contracts:

4. Submitted, but not Funded, Internal Service Grants and Contracts:

G. Service Professional Development Activities Attended: