TEXAS STATE VITA

I. Academic/Professional Background

A. Name and Title

Name: Erika Marentes Title: Lecturer

B. Educational Background

Degree	*Year*	*University*	*Major*	*Thesis/Dissertation*
MS	2023	Texas State University	Physics	
BA	2021	Texas State University	Spanish	
BS	2021	Texas State University	Physics	

II. TEACHING

B. Courses Taught:

Texas State University:

PHYS 1365 - PHYS FOR EDUCATORS

PHYS 2425 - ELECTRICITY AND MAGNETISM

III. SCHOLARLY/CREATIVE

5. Other Works not in Print:

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

Journal Articles:

Marentes, E., & Rangelov, B. (Submitted / Under Review). The Nature of X-ray Sources in Andromeda Galaxy. *Research Notes of the AAS*. (October 2023)

C. Scholarly / Creative Grants and Contracts:

1. Funded External Grants and Contracts:

Marentes, Erika (Principal), Rangelov, Blagoy (Co-Principal), Kargaltsev, Oleg (Co-Principal). The nature of the UV bow shock nebula around PSR

J0437-4715, European Southern Observatory/Very Large Telescope. (Submitted: August 2023, Funded: January 2024 - 2025). Grant.

Additional Comments: This is an observing proposal/grant that does not come with funding, just data. The PI of this proposal is an M.S. student

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

Marentes, Erika (Principal), Rangelov, Blagoy (Co-Principal), Kargaltsev, Oleg (Co-Principal). The nature of the UV bow shock nebula around PSR J0437-4715, European Southern Observatory/Very Large Telescope. (Submitted: March 2022). Grant.