

Stephen C. Flowers, M.S.

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Education

Master of Science

University of Texas at San Antonio Graduate Center, San Antonio, TX August 2019

- x Major: Physics
- x Minor: Mathematics
- x Honors: Magna Cum Laude

Teaching Experience

Instructor of Physics and Mathematics

Our Lady of the Lake University August 2023 – present

- x General Physics II with Lab (PHYS 1402 & 1402L) Spring 2024
- x College Algebra with Lab (MATH 1404 & 1404L) Spring 2024
- x Physical Science I with Lab (PHYS 1411 & 1411L) Spring 2024
- x Selected Issues in Physical Science (PHSC 2190) Spring 2024
- x Selected Issues in Physics (PHYS 2490) Spring 2024
- x General Physics I with Lab (PHYS 1401 & 1401L) Fall 2023
- x College Algebra with Lab (MATH 1404 & 1404L) Fall 2023
- x Quantitative Reasoning with Lab (MATH 140 & 1401L)

August 2022 – Present

Conceptual Physics (PHYS 1305) Spring 2024

Conceptual Physics (PHYS 1305)

Physics Demo Room Assistant

University North Texas | January 2018 – May 2019

- x Developed, prepared, and performed physics demonstrations for undergraduate physics courses.

Astronomy Laboratory Assistant

University North Texas | May 2016 – December 2018

- x Assisted in instruction of students for undergraduate introductory astronomy courses.
- x Assisted in planning, advertising, and running public outreach events.

Research Experience

Stardust Research Group

University of Texas at San Antonio | May 2020 – Dec 2021

- x Conducted research of circumstellar dust clouds in extrasolar systems via 1D dimensional radiative transfer simulations.
- x Participated in group discussions of research and academic activities.

UNT/UD Exoplanet Research Collaboration

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