

Gina Chen

Wean Hall, Room 8315
Hamerschlag Dr
Pittsburgh, PA, 15213
gwchen@andrew.cmu.edu

EDUCATION

Carnegie-Mellon University, Physics PhD, 2021-2027 (anticipated)

Advisor: Katie Breivik

GPA: 3.69

The University of Texas at Austin, Bachelor of Science: Physics Honors and Astronomy Honors, 2017-2021

GPA: 3.95

PUBLICATIONS & THESES

Chen, G., Dean's Scholars Honors Thesis, "Filamentary Structures within a Simulated Molecular Cloud", supervised by Dr. Stella Offner, May 2021

CONFERENCES & PRESENTATIONS

MODEST-23: Star Clusters in the Post-Pandemic Era Poster: Untangling the origins of binary black holes using IllustrisTNG	August 2023
APS Conferences for Undergraduate Women in Physics Oral presentation (online due to COVID-19)	January 2021
237th Meeting of the American Astronomical Society Oral presentation (online due to COVID-19)	January 2021
Gulf Coast Undergraduate Research Forum Oral presentation (online due to COVID-19)	October 2020

AWARDS, SCHOLARSHIPS, AND FELLOWSHIPS

J. Michael McQuade Fellowship in Physics (9 months tuition and stipend)	2023 - 2024
NSF GRFP Honorable Mention	2023
College of Natural Sciences Dean's Scholars Honors Program Endowed Scholarship (1/4 of tuition per year - \$2,870 for the 2020-21 school year)	2017 - 2021
Member of the College of Natural Sciences Dean's Scholars Honors Program	2017 - 2021

University-wide Endowed Presidential Scholarship (\$2,500)	2020
College of Natural Sciences Scholarship (\$500)	2020
College of Natural Sciences 2019 Second Year Excellence Award	2019

TEACHING

Introduction to Astronomy (PHY 33-124)	2023 Summer 2
<ul style="list-style-type: none"> • Created a lesson plan, lecture materials, and syllabus • Wrote homework assignments and exams • Taught high school and nonmajor college students about a variety of topics in astronomy including both theoretical and observational techniques 	
Teaching assistant for introductory physics courses	Fall 2021
<ul style="list-style-type: none"> • Taught a recitation section twice a week that covered core concepts from lectures • Prepared practice problems for recitation and exam review sessions • Graded weekly homework assignments and exams 	Fall 2022 Spring 2023