

## Margaret Verrico

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### Education

University of Illinois Urbana-Champaign, Urbana, Illinois 2022-Present

Ph.D. Student in Astronomy

CITL Graduate Teaching Certificate 2023

University of Pittsburgh, Pittsburgh, Pennsylvania 2017-2021

B.S. – Physics, magna cum laude

### First & Second-Author Publications

1. *Merger Signatures are Common, but not Universal, in Massive, Recently-Quenched Galaxies at  $z \sim 0.7$*

Margaret E. Verrico, David J. Setton, Rachel Bezanson, Jenny E. Greene, Katherine A. Suess, Andy D. Goulding, Justin S. Spilker, Mariska Kriek, Robert Feldmann, Desika Narayanan, Vincenzo Donofrio, Gourav Khullar  
The Astrophysical Journal, 2023

2. *The Origin and Evolution of Compact Massive  $z \sim 0.7$  Post-Starburst Galaxies in the SQuIGGLE Survey*

David J. Setton, Margaret E. Verrico, Rachel Bezanson, Jenny E. Greene, Katherine A. Suess, Robert Feldmann, Andy D. Goulding, Khalil Hall-Hooper, Erin Kado-Fong, Mariska Kriek, Desika Narayanan, Justin S. Spilker  
The Astrophysical Journal, 2022.

### Other Publications

1. *Fading AGN in Post-Starburst Galaxies*

K. Decker French, Nicholas Earl, Annemarie B. Novack, Bhavya Pardasani, Vismaya R. Pillai, Akshat Tripathi, **Margaret E. Verrico**  
The Astrophysical Journal, 2023

2. *Star Formation Suppression by Tidal Removal of Cold Molecular Gas from an Intermediate-Redshift Massive Post-Starburst Galaxy*

Justin S. Spilker, Katherine A. Suess, David J. Setton, Rachel Bezanson, Robert Feldmann, Jenny E. Greene, Mariska Kriek, Sidney Lower, Desika Narayanan, **Margaret E. Verrico**  
The Astrophysical Journal, 2022.

3. *SQuIGGLE: Studying Quenching in Intermediate-z Galaxies— Gas, Angular Momentum, and Evolution*

Katherine A. Suess, Mariska Kriek, Rachel Bezanson, Jenny E. Greene, David Setton, Justin S. Spilker, Robert Feldmann, Andy D. Goulding, Benjamin D. Johnson, Joel Leja, Desika Narayanan, Khalil Hall-Hooper, Qiana Hunt, Sidney Lower, **Margaret E. Verrico**  
The Astrophysical Journal, 2021.

4. *Now you see it, now you don't: Star formation truncation precedes the loss of molecular gas by  $\sim 100$  Myr in massive post-starburst galaxies at  $z \sim 0.6$*

Rachel Bezanson, Justin S. Spilker, Katherine A. Suess, David J. Setton, Robert Feldmann, Jenny E. Greene, Mariska Kriek, Desika Narayanan, **Margaret E. Verrico**  
The Astrophysical Journal, 2021.

## Poster Presentations

1. *Merger Signatures are Common, but not Universal, in Massive, Recently-Quenched Galaxies at  $z \sim 0.7$*

Astrofest Spring 2023  
University of Illinois Urbana-Champaign

2. *Mass-Size Relation of Post-Starburst Galaxies from the SQuIGGLE Survey*

Margaret Verrico, David J. Setton, Rachel Bezanson  
Undergraduate Poster Session Spring 2019  
University of Pittsburgh

## Awards and Scholarships

NASA Illinois Space Grant Graduate Fellowship, Fall 2023-Spring 2024  
NASA Pennsylvania Space Grant, Spring 2019, Summer 2020, Fall 2020, Spring 2021  
University of Pittsburgh full tuition academic scholarship, 2017-2021

## Teaching

Teaching Assistant, *Solar Systems and Worlds Beyond*, Spring 2023  
Teaching Assistant, *Stars and Galaxies*, Fall 2022  
Science Instructor, People's Park Summer Camp, Summer 2022  
Private Tutor, *Basic Physics for Science and Engineering II*, Spring 2019  
Undergraduate Teaching Assistant, *Basic Physics for Science and Engineering I*, Fall 2018