

Zach Lewis

Curriculum Vitae

Department of Physics and Astronomy
University of Pittsburgh
3941 O'Hara Street Pittsburgh, PA, 15260
☎ (814) 566 8723
✉ zjl8@pitt.edu
📄 zachjlewis.github.io

Education

Expected Graduation May, 2022 **B.S. in Physics and Astronomy** *University of Pittsburgh*
Honor's College, 3.932 GPA
Dean's List all semesters

Employment

May, 2019–Present **Undergraduate Research Assistant with Rachel Bezanson**
Department of Physics and Astronomy, University of Pittsburgh, Pittsburgh, PA

- Researched the chemical evolution of massive star-forming galaxies in the LEGA-C dataset from half the age of the universe to today, in collaboration with Brett Andrews and Rachel Bezanson. Paper in prep.
- Helped with LEGA-C website upkeep.

Jan, 2019–April, 2019 **Undergraduate Research Assistant with Tae Min Hong**
Department of Physics and Astronomy, University of Pittsburgh, Pittsburgh, PA

- Worked with ROOT and C macros to analyze particle collisions in the ATLAS Detector at the Large Hadron Collider.

Feb, 2016–Jan, 2019 **Education Assistant**
Experience Children's Museum, Erie, PA

- Created and performed demonstrations of scientific phenomena and principles, and led science-based camps for children aged 5-9. Also worked in customer service positions intermittently.

Awards

Spring 2021 **Julia Thompson Award for Excellence in Undergraduate Writing.**
Spring 2021 **Pennsylvania Space Grant Consortium Scholarship.**
Spring 2020 **Pennsylvania Space Grant Consortium Scholarship.**
Fall 2020 **Pennsylvania Space Grant Consortium Scholarship.**
Fall 2019 **Pennsylvania Space Grant Consortium Scholarship.**
Spring 2019 **Pennsylvania Space Grant Consortium Scholarship.**
March 2018 **Pennsylvania Lincoln-Douglas Debate State Champion.**
2014-2018 **Eight First Place Awards in Local Lincoln-Douglas Debate Competitions.**

Projects

2020 Mentorship Award in the Department of Physics and Astronomy Committee Member
2020-21 Physics and Astronomy Department Equity and Including Committee Member
2020-21 Mentor to two underclassmen in Society of Physics Students

References

Rachel Bezanson, Assistant Professor rachel.bezanson@pitt.edu
Brett Andrews, Research Assistant Professor andrewsb@pitt.edu