
Fellowships

- 2017 - 2022 **AstroCom NYC**, *American Museum of Natural History*.
◦ Undergraduate mentoring program meant to pair City University of New York students with astronomers to do research.
- 2017 - 2019 **Consortium Alumni Youth Council**, *American Museum of Natural History*.
◦ Participated in the National Science Foundation funded project *Staying in Science*, which investigates how providing high school students with authentic science experiences changes their pathways towards a science career.

Computer Skills

Advanced

- Python, L^AT_EX

Intermediate

- Git, Bash

Beginner

- HTML & CSS, MATLAB, Java

Languages

- Bengali (Basic speaking; *Faridpur* dialect)
- Arabic (Basic speaking, reading & writing; *Fusha*)

Academic Presentations

- 2023 **Poster**, “Towards Mapping Brown Dwarf and Giant Exoplanet Atmospheres”, Center for Computational Astrophysics Gotham Fest 2021, Center for Computational Astrophysics.
- 2023 **Poster**, “Towards Mapping Brown Dwarf and Giant Exoplanet Atmospheres”, 241st American Astronomical Society Meeting, American Astronomical Society.
- 2022 **Talk**, “Towards Mapping Brown Dwarf and Giant Exoplanet Atmospheres”, 240th American Astronomical Society Meeting, American Astronomical Society.
- 2021 **Poster**, “Towards Mapping Brown Dwarf and Giant Exoplanet Atmospheres”, Center for Computational Astrophysics Gotham Fest 2021, Center for Computational Astrophysics.
- 2021 **Talk**, “Towards Mapping Brown Dwarf and Giant Exoplanet Atmospheres”, Center for Computational Astrophysics/City University of New York/American Museum of Natural History Symposium, Center for Computational Astrophysics.
- 2021 **Poster**, “Chemodynamically Characterizing the Jhelum Stellar Stream with APOGEE-2”, 237th American Astronomical Society Meeting, American Astronomical Society.
- 2020 **Talk**, “Chemodynamically Characterizing the Jhelum Stellar Stream with APOGEE-2”, American Museum of Natural History REU Symposium, American Museum of Natural History.
- 2019 **Poster**, “Where Were Stars Born in The Milky Way?”, New York University Astrofest, New York University.
- 2019 **Talk**, “Where Were Stars Born in The Milky Way?”, American Museum of Natural History Research Experience for Undergraduates Symposium, American Museum of Natural History.
- 2018 **Talk**, “Two-Point Statistics in the Star Forming ISM”, Center for Computational Astrophysics Research Experience for Undergraduates Symposium, Simons Foundation.

Outreach

- 2021 **Science Research Mentoring Program Meeting**, *American Museum of Natural History*, Speaker.

- 2020 **Science Research Mentoring Program Family Orientation**, *American Museum of Natural History*, Panelist.
- 2019 **Science Research Mentoring Program Family Orientation**, *American Museum of Natural History*, Panelist.