

HANNAH V. BISH

CONTACT INFORMATION	1736 Belmont Ave Apt 604 Seattle, WA 98122	(732) 718-3220 hvbish@uw.edu
RESEARCH INTERESTS	Galaxy formation and evolution, baryon cycling in the CGM, star formation histories, the high-redshift universe, data science	
EDUCATION	University of Washington , Seattle, WA Ph.D., <i>Astronomy</i> , <i>Expected</i> : Summer 2020 <ul style="list-style-type: none">Thesis advisor: Dr. Jessica Werk M.S., <i>Astronomy</i> , June 2016 Rutgers University , New Brunswick, NJ B.S., <i>Astrophysics</i> , May 2014 <ul style="list-style-type: none"><i>Magna Cum Laude</i>Honors thesis advisor: Dr. Eric Gawiser	
RESEARCH EXPERIENCE	Graduate Research Assistant Department of Astronomy, University of Washington Research Topic: <i>Tracing Gas Flows in the Milky Way</i> Supervisor: Dr. Jessica Werk	<i>August 2014–present</i>
	Undergraduate Researcher Department of Physics & Astronomy, Rutgers University Research Topic: <i>Lyman-α Emission in Star-Forming Galaxies</i> Supervisor: Dr. Eric Gawiser	<i>May 2012–August 2014</i>
	Undergraduate Researcher Department of Astrophysics, American Museum of Natural History Research Topic: <i>High Proper Motion Stars in the SUPERBLINK Survey</i> Supervisor: Dr. Sebastien Lepine	<i>Summer 2010</i>
TEACHING & MENTORING EXPERIENCE	<i>Mentor</i> Pre-Major in Astronomy Program (Pre-MAP) University of Washington Supervised research of four undergraduate students	<i>Autumn 2016–present</i>
	<i>Lecturer</i> CHILD 204A - Astronomy course for middle school girls University of Washington Instructors: Margaret Lazzarini & Angela Traugott	<i>Summer 2016</i>

Teaching Assistant

ASTR 101A - Astronomy

University of Washington

Instructor: Dr. Oliver Fraser

Winter 2015, Winter 2016

Instructor: Dr. Ana M. Larson

Autumn 2015

Instructor: Dr. Chris Laws

Spring 2015

Teaching Assistant

ASTR 150 - The Planets

University of Washington

Instructor: Dr. Toby Smith

Autumn 2014, Summer 2015

PUBLICATIONS

1. Vargas, C.J., **Bish, Hannah**, Acquaviva, V., Gawiser, E.J., Finkelstein, S.L., Ciardullo, R., Ashby, M., Feldmeier, J., Ferguson, H., Gronwall, C., Guaita, L., Hagen, A., Koekemoer, A., Kurczynski, P., Newman, J., & Padilla, N. (2013) “To Stack or Not to Stack: Spectral Energy Distribution Properties of Ly-Emitting Galaxies at $z=2.1$ ”. *The Astrophysical Journal*, 783, 26.

CONFERENCE
PROCEEDINGS

1. *Poster*: **Bish, Hannah**, Vargas, C. J., Gawiser, E.J., & Acquaviva, V. (2014). American Astronomical Society Meeting Abstracts, 223, [#145.05](#)
2. *Talk*: **Bish, Hannah**, Vargas, C. J., Gawiser, E. J., & Acquaviva, V. (2013). MUSYC LAE Collaboration Meeting
3. *Talk*: **Bish, Hannah**, Vargas, C. J., Gawiser, E. J., & Acquaviva, V. (2013). Rutgers University, New Brunswick, NJ
4. *Talk*: **Bish, Hannah**, Vargas, C. J., Gawiser, E. J., & Acquaviva, V. (2013). Tri-State Astronomy Conference
5. *Talk*: **Bish, Hannah**, Vargas, C. J., Gawiser, E. J., Acquaviva, V., & Finkelstein, S. L. (2013). CANDELS Team Meeting
6. *Poster*: **Bish, Hannah**, Vargas, C. J., Gawiser, E. J., & Acquaviva, V., & Finkelstein, S. L. (2013). American Astronomical Society Meeting Abstracts, 221, [#147.32](#)
7. *Talk*: **Bish, Hannah**, Vargas, C. J., Gawiser, E. J., & Acquaviva, V. (2012). MUSYC LAE Collaboration Meeting

HONORS &
AWARDS

- ARCS Graduate Fellowship *Aug 2014–Jun 2017*
- Honors undergraduate thesis in Astrophysics *Jun 2014*
- University Honor, *magna cum laude* at Rutgers University *Jun 2014*
- Aresty Research Center Conference Funding Grant *Dec 2013*
- Richard J. Plano Summer Research Internship Award *Apr 2013*
- Rutgers University Academic Excellence Award *Apr 2012*