Zeeve **Rogoszinski**

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Education

University of Maryland — *College Park, MD*
PH.D. IN ASTRONOMY — *Aug 2020 (expected)*
Advisor: Dr. Douglas Hamilton

University of Maryland — *College Park, MD*
M.S. IN ASTRONOMY — *Dec 2016*

Vassar College — *Poughkeepsie, NY*
B.A. IN ASTRONOMY & PHYSICS — *Jun 2010*
Senior Thesis Advisor: Dr. Debra Elmegreen

Skills

Programming Languages (proficient): Python, C, LaTeX, Mathematica
Programming Languages (novice): HTML/CSS
Software: Unix/Linux, Jupyter Notebook, Microsoft Office, Git
Spoken Languages: English (native), Hebrew (advanced)

Fellowships & Awards

2020	**Ann G. Wylie Dissertation Fellowship**,	*U Maryland*
2016 - 2019	**NASA Earth and Space Science Fellowship**, 28 out of 180 selected	*NASA*
2016	**Hartmann Student Travel Grant**,	*AAS Division of Planetary Science*
2014	**Departmental Honors in Astronomy**,	*Vassar College*
2014	**Departmental Honors in Physics**,	*Vassar College*
2014	**General Honors**,	*Vassar College*
2014	**Sigma Xi**,	
2013	**Ethel Hickox Pollard Memorial Physics Award**,	*Vassar College*
2013	**Janet Murray '31 Memorial Scholarship**,	*Vassar College*

Publications

Tilting Ice Giants with a Spin-Orbit Resonance
ROGOSZINSKI, Z., HAMILTON D. P., 2019, APJ, SUBMITTED, ARXIV:1908.10969

Presentations

Tilting Ice Giants with Circumplanetary Disks — *Division of Dynamical Astronomy*
ROGOSZINSKI, Z., HAMILTON D. P. — *Jun 2019*

Using collisions and resonances to tilting Uranus — *American Astronomical Society*
ROGOSZINSKI, Z., HAMILTON D. P. — *Jan 2018*

Continuing the investigation to tilting Uranus with a secular spin-orbit resonance — *Division of Planetary Science*
ROGOSZINSKI, Z., HAMILTON D. P. — *Oct 2017*

Tilting Uranus without a Collision — *AstroCon DC*
ROGOSZINSKI, Z., HAMILTON D. P. — *Jul 2017*

Posters

How do collisions shape the orbits of irregular satellites?
Division of Planetary Science
Rogoszinski, Z., Hamilton D. P.
Oct 2018

Why is it so difficult to tilt Uranus?
Division of Dynamical Astronomy
Rogoszinski, Z., Hamilton D. P.
Apr 2018

Tilting Uranus without a Collision
Division of Planetary Science
Rogoszinski, Z., Hamilton D. P.
Oct 2016

Constraining Cosmic Ray Origins Through Spectral Radio Breaks In Supernova Remnants
American Astronomical Society
Rogoszinski, Z., Hewitt, J. W.
Jan 2015
NASA GSFC Summer Internship

Observations of the Black-Drop Effect at the 2012 Transit of Venus
American Astronomical Society
Rogoszinski, Z., Pasachoff, J. M.
Jan 2014
Keck Northeast Astronomy Consortium Summer Research Fellow

Teaching

Astronomy 101 TA
U Maryland
Supervisor: Dr. Eliza Kempton
Fall 2019

Astronomy 101 TA
U Maryland
Supervisors: Grace Deming, Dr. Douglas Hamilton, Dr. Lee Mundy
2014-2016

Academic Astronomy Intern
Vassar College
Supervisor: Dr. Debra Elmegreen
2013-2014

Teaching Assistant
Williams College Planetarium
Supervisor: Dr. Jay Pasachoff
Summer 2013

Services & Internships

GRAD-MAP Member
U Maryland
Volunteered with the GRAD-MAP program by assisting with outreach and helping to plan the Winter Workshop. I also maintained the website. For more information: https://www.umdgradmap.org/
2015-2018

Executive Secretary
NASA
A secretary position at a NASA peer review panel for annual proposals. These are usually reserved for early scientists to observe and learn from the proposal decision process.
2017, 2018

NASA GFSC Summer Internship
NASA
I studied cosmic ray origins in supernova remnants with Dr. John Hewitt.
2014

Keck Northeast Astronomy Consortium Summer Research Fellow
Williams College
I analyzed the causes of the black-drop effect observed during the 2012 transit of Venus with Dr. Jay Pasachoff.
2013

Observatory Assistant
Vassar College
Maintained and operated the school's observatory.
2010-2012