

# Zeeve Rogoszinski

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## Education

### University of Maryland

PH.D. IN ASTRONOMY

Advisor: Dr. Douglas Hamilton

College Park, MD

Aug 2020 (expected)

### University of Maryland

M.S. IN ASTRONOMY

College Park, MD

Dec 2016

### Vassar College

B.A. IN ASTRONOMY & PHYSICS

Senior Thesis Advisor: Dr. Debra Elmegreen

Poughkeepsie, NY

Jun 2010

## Skills

**Programming Languages:** Python, C,  $\text{\LaTeX}$ , Mathematica, HTML

**Software:** Unix, Jupyter Notebook, Microsoft Office

## Fellowships & Awards

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

## Publications

### Tilting Ice Giants with a Spin-Orbit Resonance

ROGOSZINSKI, Z., HAMILTON D. P., 2019, APJ, IN PRESS, ARXIV:1908.10969

## Presentations

### Tilting Ice Giants with Circumplanetary Disks

ROGOSZINSKI, Z., HAMILTON D. P.

Division of Dynamical Astronomy

Jun 2019

### Using collisions and resonances to tilting Uranus

ROGOSZINSKI, Z., HAMILTON D. P.

American Astronomical Society

Jan 2018

### Continuing the investigation to tilting Uranus with a secular spin-orbit resonance

ROGOSZINSKI, Z., HAMILTON D. P.

Division of Planetary Science

Oct 2017

### Tilting Uranus without a Collision

ROGOSZINSKI, Z., HAMILTON D. P.

AstroCon DC

Jul 2017

## Posters

### How do collisions shape the orbits of irregular satellites?

ROGOSZINSKI, Z., HAMILTON D. P.

Division of Planetary Science

Oct 2018

## Why is it so difficult to tilt Uranus?

ROGOSZINSKI, Z., HAMILTON D. P.

*Division of Dynamical Astronomy*

*Apr 2018*

## Tilting Uranus without a Collision

ROGOSZINSKI, Z., HAMILTON D. P.

*Division of Planetary Science*

*Oct 2016*

## Constraining Cosmic Ray Origins Through Spectral Radio Breaks In Supernova Remnants

ROGOSZINSKI, Z., HEWITT, J. W.

NASA GSFC Summer Internship

*American Astronomical Society*

*Jan 2015*

## Observations of the Black-Drop Effect at the 2012 Transit of Venus

ROGOSZINSKI, Z., PASACHOFF, J. M.

Keck Northeast Astronomy Consortium Summer Research Fellow

*American Astronomical Society*

*Jan 2014*

## Teaching

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### Astronomy 101 TA

SUPERVISOR: DR. ELIZA KEMPTON

*U Maryland*

*Fall 2019*

### Astronomy 101 TA

SUPERVISORS: GRACE DEMING, DR. DOUGLAS HAMILTON, DR. LEE MUNDY

*U Maryland*

*2014-2016*

### Academic Astronomy Intern

SUPERVISOR: DR. DEBRA ELMEGREEN

*Vassar College*

*2013-2014*

### Teaching Assistant

SUPERVISOR: DR. JAY PASACHOFF

*Williams College Planetarium*

*Summer 2013*

## Activities

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### GRAD-MAP

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/](https://www.umdgradmap.org/)

*U Maryland*

*2015-2018*

### Executive Secretary

*NASA*

*2017, 2018*

### Observatory Assistant

MAINTAINED AND OPERATED THE TELESCOPE

*Vassar College*

*2010-2012*