

# Raphael E. Hviding

✉ rehviding@email.arizona.edu | 🏠 lavinia.as.arizona.edu/~rehviding | 📺 TheSkyentist | 📺 rehviding

## Outreach

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### Splendido Intellectual Pursuits Program

*Tucson, AZ*

ASTRONOMY LECTURE SERIES SPEAKER

*Feb. 2019*

- Gave a 45 minute talk on current research being undertaken by my group and the future of astronomy.

### NOAO Astronomy Teen Café

*Tucson, AZ*

GRADUATE STUDENT GUEST AND DISCUSSION LEADER

*Oct. 2018 - PRESENT*

- Worked with high school students on relevant astronomical coding exercises
- Led group discussions about potential college career paths and graduate student life.

### Carthage Institute of Astronomy

*White Mountains, NH*

PUBLIC ASTRONOMER UNDER PROFESSOR DOUGLAS ARION

*Summer 2015 & Summer 2019*

- Worked with the Appalachian Mountain Club to bring daytime solar observing, nighttime stellar observing, astronomy lectures, and mountain hut programs to their members.
- Managing large camp groups to facilitate education and generate interest in astronomy.
- Created astronomy lectures to be given to the public by other employees, even those without an astronomical background.

### Dartmouth College

*Hanover, NH*

PUBLIC OBSERVING WITH THE DEPARTMENT OF PHYSICS AND ASTRONOMY

*Sep. 2015 - Jun. 2018*

- Leading free weekly public observing sessions at Dartmouth's North Observatory.
- Organizing large scale events to observe rare astronomical events i.e. eclipses, meteor showers, etc.

### Sparks Elementary School

*Baltimore, MD*

PUBLIC SCHOOL TEACHING THROUGH PROJECT ASTRO

*May. 2017*

- Teaching fourth grade classes about telescopes and scales in the solar system.
- Using Galileoscopes and other tools to provide hands-on demos for students.

### Sidewalk Astronomy

*Baltimore, MD*

PUBLIC OUTREACH WITH HERMAN HEYN

*Apr. 2017 - Jun. 2017*

- Working alongside Herman Heyn to bring astronomy observing to the streets of Baltimore

### Mokone Primary School

*Langa, Cape Town*

PUBLIC SCHOOL TEACHING THROUGH THE SOUTH AFRICAN ASTRONOMICAL OBSERVATORY

*Jan. 2017*

- Working with learners doing outdoor astronomy activities about the solar system.
- Teaching inside the classroom about astronomical research being done in South Africa and around the world.

## Education

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### Steward Observatory, University of Arizona

*Tucson, AZ*

PHD CANDIDATE

*2018-PRESENT*

- Astronomy and Astrophysics, Advisor: Professor Marcia J. Rieke

### Dartmouth College

*Hanover, NH*

BACHELOR OF ARTS

*2014-2018*

- Physics Major with High Honors, Mathematics Major, and Astronomy Minor

## Languages

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Native: **English**  
Spoken: **Spanish, French (Basic)**  
Written: **Spanish**