

Raphael E. Hviding

ASTRONOMER · GRADUATE STUDENT

Steward Observatory, 933 N Cherry Ave, Tucson, AZ 85719

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Outreach

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

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

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