



Raphael E. Hviding

ASTRONOMER · PHD CANDIDATE · HE/HIS

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Outreach

Carthage Institute of Astronomy

White Mountains, NH

PUBLIC ASTRONOMER UNDER PROFESSOR DOUGLAS ARION

Summer 2015 & Summer 2019

- I worked with the Appalachian Mountain Club to bring daytime solar observing, nighttime stellar observing, astronomy lectures, and mountain hut programs to a popular wilderness and hiking region in New Hampshire. In particular, I created and led educational activities for large camp groups of school-aged children. In addition, I wrote astronomy presentations to be given to the public that have been used in the years since. Over the course of the two summers, we reached thousands of adults and children with our educational message about astronomy and the environment.

Teaching

PUBLIC TEACHING EXPERIENCE WITH LEARNERS OF ALL AGES

- [NOIRLab Teen Astronomy Cafe](#) *Tucson, AZ. Oct. 2018 - May. 2022*
- [Project Astro Sparks Elementary School](#) *Baltimore, MD. May. 2017*
- [Mokone Primary School Teaching with the SAAO](#) *Langa, Cape Town, South Africa. Jan. 2017*

Public Speaking

PRESENTATIONS ON ASTRONOMY FOR A PUBLIC AUDIENCE

- [Splendido Intellectual Pursuits Program](#) *Tucson, AZ. Feb. 2019 and Feb. 2022*
- [Space Drafts](#) *Tucson, AZ. Aug. 2019 and Nov. 2021*
- [SkyCenter SkyNights](#) *Tucson, AZ. Nov. 2021*
- [Astronomy on Tap](#) *Lansing, MI. May. 2021*

Observing

PUBLIC ASTRONOMY TELESCOPE OBSERVING

- [Dartmouth College Public Observing](#) *Hanover, NH. Sep. 2015 - Jun. 2018*
- [Sidewalk Astronomy](#) *Baltimore, MD. Apr. 2017 - Jun. 2017*

Education

Department of Astronomy & Steward Observatory, University of Arizona

Tucson, AZ

MASTERS OF SCIENCE

2018 - 2021

- Major and Minor in Astronomy & Astrophysics. Advisors: Professor Kevin N. Hainline & Professor Marcia J. Rieke

Dartmouth College

Hanover, NH

BACHELOR OF ARTS

2014 - 2018

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

Honors & Awards

2022	Awarded: Department of Astronomy Graduate Student Award for Service	<i>UArizona</i>
2018	Awarded: National Science Foundation Graduate Research Fellowship	<i>NSF</i>
2018	Awarded: College of Science Fellowship	<i>UArizona</i>
2018	Awarded: International Travel Grant	<i>AAS</i>
2017	Awarded: E.E. Just Scholar	<i>Dartmouth College</i>
2016	Awarded: James O. Freedman Presidential Scholar	<i>Dartmouth College</i>

Languages

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