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EDUCATION	<b>PhD in Astronomy &amp; Astrophysics</b> Harvard University, Cambridge, Massachusetts <b>Bachelor of Science in Physics with a second concentration in Philosophy</b> <i>Magna Cum Laude</i> , University of Puerto Rico Río Piedras, San Juan, Puerto Rico	<i>In progress</i> 2021
RESEARCH POSITIONS	<b>Graduate Student Researcher</b> Center for Astrophysics   Harvard & Smithsonian <b>Radio Astronomy Researcher</b> Planetary Habitability Laboratory, University of Puerto Rico at Arecibo <b>Astronomy Research Intern</b> Space Telescope Science Institute <b>Astrophysics Undergraduate Researcher</b> Banneker Institute, Harvard University	Sep 2021 to <i>present</i> May 2018 to Sep 2021 Jun 2020 to Jul 2020 Jun 2019 to Aug 2019
HONORS & AWARDS	NSF Graduate Research Fellowship Ford Foundation Predoctoral Fellowship Barry Goldwater Scholarship USRA Distinguished Undergraduate Scholarship Mellon-Mays Undergraduate Fellowship Puerto Rico Louis Stokes Alliance for Minority Participation Award Puerto Rico Space Grant Consortium NASA Fellowship	2021-2026 2021-2027 2020 2019 2019-2021 2019-2021 2018-2019
RESEARCH INTERESTS	<i>Planetary, Exoplanetary, and Observational Astrophysics.</i> Exoplanet characterization and transmission spectroscopy, radio observations of Solar System bodies and exoplanetary systems; and multiwavelength observational astrophysics.	
TELESCOPE TIME	As Principal Investigator, over multiple programs, awarded >60 hours on the Very Large Array, >79 hours on MeerKAT, >12 hours at the Arecibo Observatory, and 3 nights on the MMT.	
TECHNICAL SKILLS	<b>Observational data reduction:</b> Experience with space (JWST NIRSpec) and ground-based (Magellan/IMACS) spectrophotometry for exoplanet transits, and radio observations with the Very Large Array, MeerKAT, Arecibo and the Submillimeter Array. <b>Software:</b> Python, IDL, DS9, CASA, Arecibo IDL, JMARS, $\LaTeX$ , Adobe Photoshop, Premiere & Lightroom.	
UNIVERSITY SERVICE	Social and Rec Committee Member (CfA) Graduate Student Council Representative (Harvard GSAS) Academic Senator for the Faculty of Natural Sciences (UPR) General Student Council Representative (UPR) National Student Confederation Representative (UPR)	2023 to present 2023 to 2024 2018 to 2019 2018 to 2019 2018 to 2019
BIOGRAPHICAL INFORMATION	<b>Citizenship:</b> United States of America <b>Languages:</b> Fluent in English and Spanish. Experienced as Spanish-English interpreter.	

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TEACHING	<b>Instructor</b> , Taller Futur@ Astrónom@	2024 and 2025
	Instructor for the Stellar Evolution course for <i>Taller Futur@ Astrónom@</i> at the University of Puerto Rico at Humacao, a NASA-funded intensive summer school for high school students in astronomy and astrophysics.	
	<b>Head Teaching Fellow</b> , Harvard University	2024
	Taught a laboratory section (~15 students) and coordinated the teaching team (5 TFs) for GenEd 1070 - Life as a Planetary Phenomenon under Prof. Dimitar Sasselov.	
	<b>Teaching Fellow</b> , Harvard University	2023
	Taught a section (~12 students) for GenEd 1112 - Prediction: The Past & Present of the Future under Prof. Alyssa Goodman.	
	<b>Observer/Presenter</b> , PHL Outreach Program	2018 to 2021
	Helped bring over 50 students and community members to on-site observations at the Arecibo Observatory, as well as take part in the PHL's outreach and media efforts.	
	<b>Teacher Assistant</b> , STEMS Program	2018
	High school algebra tutor and in-classroom teacher assistant as part of the Swearer Tutoring Enrichment in Math and Science (STEMS) Program at Brown University.	

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## MANUSCRIPTS &amp; PUBLICATIONS

*As first or second author:*

- [2] Abel Méndez, **Kevin N. Ortiz Ceballos**, and Jorge I. Zuluaga, 2024, "Arecibo Wow! I: An Astrophysical Explanation for the Wow! Signal," *Under review*, <https://ui.adsabs.harvard.edu/abs/2024arXiv240808513M>.
- [1] **Kevin N. Ortiz Ceballos**, Yvette Cendes, Edo Berger, and Peter K. G. Williams, 2024, "A Volume-Limited Radio Search for Magnetic Activity in 140 Exoplanets with the Very Large Array," *The Astronomical Journal (IOP)* **168**, 127, <https://ui.adsabs.harvard.edu/abs/2024AJ....168..127O>.

*As co-author:*

- [9] Shreyas Vissapragada, Patrick McCreery, Leonardo A. Dos Santos, Néstor Espinoza, et al., 2024, "A High-Resolution Non-Detection of Escaping Helium in the Ultrahot Neptune LTT 9779b: Evidence for Weakened Evaporation," *The Astrophysical Journal (IOP)* **962**, L19, <https://ui.adsabs.harvard.edu/abs/2024ApJ...962L..19V>.
- [8] Jacob Lustig-Yaeger, Guangwei Fu, E. M. May, **Kevin N. Ortiz Ceballos**, et al., 2023, "A JWST Transmission Spectrum of the Nearby Earth-Sized Exoplanet LHS 475 b," *Nature Astronomy* **7**, 1317–1328, <https://ui.adsabs.harvard.edu/abs/2023NatAs...7.1317L>.
- [7] Chima D. McGruder, Mercedes López-Morales, James Kirk, Benjamin V. Rackham, et al., 2023, "ACCESS, LRG-BEASTS, and MOPSS: Featureless Optical Transmission Spectra of WASP-25b and WASP-124b," *The Astronomical Journal (IOP)* **166**, 120, <https://ui.adsabs.harvard.edu/abs/2023AJ....166..120M>.
- [6] Sarah E. Moran, Kevin B. Stevenson, David K. Sing, Ryan J. MacDonald, et al., 2023, "High Tide or Riptide on the Cosmic Shoreline? A Water-Rich Atmosphere or Stellar Contamination for the Warm Super-Earth GJ 486b from JWST Observations," *The Astrophysical Journal (IOP)* **948**, L11, <https://ui.adsabs.harvard.edu/abs/2023ApJ...948L..11M>.
- [5] JWST Transiting Exoplanet Community Early Release Science Team, 2023, "Identification of Carbon Dioxide in an Exoplanet Atmosphere," *Nature* **614**, 649–652, <https://ui.adsabs.harvard.edu/abs/2023Natur.614..649J>.
- [4] Chima D. McGruder, Mercedes López-Morales, James Kirk, Néstor Espinoza, et al., 2022, "ACCESS: Confirmation of a Clear Atmosphere for WASP-96b and a Comparison of Light Curve Detrending Techniques," *The Astronomical Journal (IOP)* **164**, 134, <https://ui.adsabs.harvard.edu/abs/2022AJ....164..134M>.

- [3] Natalie H. Allen, Néstor Espinoza, Andrés Jordán, Mercedes López-Morales, et al., 2022, “ACCESS: Tentative Detection of H<sub>2</sub>O in the Ground-Based Optical Transmission Spectrum of the Low-Density Hot Saturn HATS-5b,” *The Astronomical Journal (IOP)* **164**, 153, <https://ui.adsabs.harvard.edu/abs/2022AJ....164..153A>.
- [2] Abel Méndez, Edgard G. Rivera-Valentín, Dirk Schulze-Makuch, Justin Filiberto, et al., 2021, “Habitability Models for Astrobiology,” *Astrobiology* **21**, 1017–1027, <https://ui.adsabs.harvard.edu/abs/2021AsBio..21.1017M>.
- [1] Abel Méndez, Edgard G. Rivera-Valentín, Dirk Schulze-Makuch, Justin Filiberto, et al., 2020, “Habitability Models for Planetary Sciences,” submitted as White Paper for the Planetary Science and Astrobiology Decadal Survey 2023 - 2032, <https://ui.adsabs.harvard.edu/abs/2020arXiv200705491M>.