

# Yoquelbin Salcedo Hernandez

## Curriculum Vitae

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Dept. of Physics and Astronomy, University of Pittsburgh  
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## EDUCATION

**Ph.D. in Physics** Expected Graduation 2027  
University of Pittsburgh, Pittsburgh, PA, USA

**B.S. in Physics** 2017 – 2021  
The Pennsylvania State University, University Park, PA, USA

## RESEARCH & TEACHING EXPERIENCE

### University of Pittsburgh , PA

*Graduate Research Assistant with Prof. Jeffrey Newman & Prof. Brett Andrews* 2022 – present

- DESI-2 Emission Line Galaxy Selection

### Penn State University – University Park, PA

*Undergraduate Research Assistant with Prof. Isaac Mognet* 2020 – 2021

- Simulated scintillation detector data using Geant4 software for GAPS detector

*Peer Tutor/Learning Assistant* 2019 – 2020

## AWARDS

- 2nd Place Award Winning Debate Team 2019
- 1st Place Winner of Penn State Lehigh Valley Public Speaking Award 2018

## HONORS

- Bridge Program Fellowship 2021 – present
- Full academic scholarship to The Pennsylvania State University 2017–2021
- Granville B. Lane Memorial Scholarship 2020
- Dudley and Aaby Scholarship in Physics 2019
- Penn State Eberly College of Science Dean Scholarship Program 2018
- Campus 4 Year Provost Scholarship 2017
- Glass Trustee Scholarship 2017

## OUTREACH

- Higher Education Advocacy
  - The Importance of College , Penn State Lehigh Valley 2021
  - Optimizing the College Experience, Louis E Dieruff High School 2018

## LANGUAGES

- English (native language)
- Spanish (fluent)