

# Evan Haze Núñez

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## EDUCATION

<b>California State Polytechnic University, Pomona (CPP)</b>	Expected May 2019
Bachelor of Science: Physics ( <i>Magna Cum Laude</i> )	
<b>El Camino College (ECC) - Torrance, CA</b>	June 2017
Associate of Science: Physics for Transfer, Astronomy, Mathematics, Pre-Engineering, Physical Science ( <i>Magna Cum Laude</i> )	
Associate of Arts: General Studies Biology and Physical Sciences ( <i>Magna Cum Laude</i> )	

## RESEARCH INTERESTS

galaxy evolution and formation, observational cosmology, young stellar objects, stellar population  
synthesis models, stellar evolution

## RESEARCH EXPERIENCE

Smithsonian Astrophysical Observatory REU w/ Joel Leja and Charlie Conroy <i>Harvard-Smithsonian Center for Astrophysics. Cambridge, MA.</i>	Summer 2018
Undergraduate Researcher w/ Matthew Povich and Breanna Binder <i>Cal Poly Pomona. Pomona, CA</i>	Summer 2017-Present
University of Wyoming REU w/ Joe Findlay and Adam Myers <i>University of Wyoming. Laramie, WY.</i>	Summer 2016

## OBSERVING EXPERIENCE

Wyoming Infrared Observatory	
WIRO Long Slit, Long Slit Spectrograph, <i>14 nights</i>	Summer 2017
WIRO DoublePrime, 4k Visible CCD, <i>30 nights</i>	Summer 2016

## TEACHING/OUTREACH POSITIONS

Physics Learning Assistant. <i>CPP</i>	Spring 2019
Student Telescope Operator and Outreach Talk Presenter. <i>CPP</i>	Fall 2017-Present
Astronomy Lab Night Assistant. <i>ECC</i>	Fall 2015-Spring 2017
STEM Ambassador. <i>ECC</i>	Spring 2015-Spring 2017
Supplemental Instruction Coach for Astronomy. <i>ECC</i>	Fall 2015

## HONORS AND AWARDS

2018 AAS Chambliss Astronomy Achievement Award for Poster	Winter 2018
Cal-Bridge 4th Cohort	Fall 2017-Present
2017 ECC Natural Sciences Division Presidential Scholar Award	Spring 2017
ECC Astronomy Award Recipient	Spring 2017
2017 Silver Medalist, University Physics Competition	Winter 2017

## EXTRACURRICULAR ACTIVITIES

President/Founding Member for Mathematical Physics Club. <i>ECC</i>	Fall 2015-Spring 2017
Vice President/Secretary for Astronomy & Astrophysics Club. <i>ECC</i>	Spring 2015-Spring 2017
JPL Undergraduate Scholars (JPLUS). <i>JPL/NASA</i>	Spring 2015-Fall 2015
NASA Community College Aerospace Scholars (NCAS). <i>JPL/NASA</i>	Fall 2015

## TALKS

Madison Elementary School Astronomy Night ( <b>Public Talk</b> )	Fall 2018
California High School Astronomy Night ( <b>Public Talk</b> )	Fall 2018
CAMPARE/CAL-BRIDGE SYMPOSIUM. <i>CPP</i> ( <b>Program Talk</b> )	Summer 2018
SAO REU Symposium. <i>Cambridge, MA</i> ( <b>Program Talk</b> )	Summer 2018
West Torrance High School (alma mater). <i>Torrance, CA</i> ( <b>Invited Talk</b> )	Spring 2018
El Camino College (alma mater). ( <b>Invited Talk</b> )	Spring 2018
California State Student Research Competition. ( <b>Invited Talk</b> )	Spring 2018
Student Research, Creative Activities Conference. <i>CPP</i> ( <b>Public Talk</b> )	Spring 2018
CAMPARE SYMPOSIUM. <i>CPP</i> ( <b>Invited Talk</b> )	Summer 2017
Planetarium Show Presenter. <i>ECC</i> ( <b>Public Talk</b> )	Fall 2016
CAMPARE SYMPOSIUM. <i>CPP</i> ( <b>Program Talk</b> )	Summer 2016
Wyoming Summer Research Symposium. ( <b>Program Talk</b> )	Summer 2016

## POSTER PRESENTATIONS

1. **E. H. Nunez**, J. Leja, and C. Conroy. *Using Distant Galaxies to Constrain the Ionizing Photon Budget of Massive Stars*. 2019, American Astronomical Society #233, id.364.16
2. **E. H. Nunez**, M. S. Povich, B. A. Binder, P. Broos, and L. K. Townsley. *Characterizing Intermediate-Mass, Pre-Main-Sequence Stars via X-Ray Emission*. 2018, Chandra Science Workshop on Accretion in Stellar Systems, id.3
3. **E. H. Nunez**, M. S. Povich, B. A. Binder, P. Broos, and L. K. Townsley. *Characterizing Intermediate-Mass, Pre-Main-Sequence Stars via X-Ray Emission*. 2018, American Astronomical Society Meeting #231, id. 339.07 (Chambliss Astronomy Achievement Student Award Winner)
4. **E.H. Nunez**, N. Bassett, S. Deam, D. Dixon, E. Griffith, W. Harvey, D. Lee, B. Lyke, R. Parziale, C. Witherspoon, A. Myers, J. Flndlay, H. Kobulnicky, and D. Dale. *New quasar surveys with WIRO: Searching for high redshift ( $z \sim 6$ ) quasar candidates*. 2017, American Astronomical Society #229, id.250.07

## PUBLICATIONS

1. Wang et al. (**E. H. Nunez** 25th author). *Exploring Reionization-Era Quasars III: Discovery of 16 Quasars at  $6.4 < z < 6.9$  with DESI Legacy Imaging Surveys and UKIRT Hemisphere Survey and Quasar Luminosity Function at  $z \sim 6.7$* . 2018. Submitted to ApJ on October 29, 2018.
2. **E. H. Nunez**, M.S. Povich, B. A. Binder, L. K. Townsley, and P. S. Broos. *Characterizing the X-ray Emission of Intermediate-Mass Pre-Main-Sequence Stars*. To be submitted to AAS Journals Spring 2019.
3. M. S. Povich, J. S. Maldonado, **E. H. Nunez**, and T. Robitaille. *The Duration of Star Formation In Galactic Giant Molecular Clouds. I. The Great Nebula in Carina*. To be submitted to AAS Journals Spring 2019.