

Nathalie K. Jones

PhD Candidate ★ [CIERA](#) Board of Visitors Fellow
nathaliejones2028@u.northwestern.edu ★ Evanston, IL
Updated June 2026

Education	Northwestern University <i>Ph.D. Candidate, Astronomy</i> Advisor: Jason Wang	Evanston, IL September 2022 - Present
	Northwestern University <i>M.S., Astronomy</i>	Evanston, IL August 2025
	Bard College <i>B.A., Physics Major</i> Advisor: Shuo Zhang Senior Project Thesis : “Brightening of the Bridge: Reflections of a Past Sgr A* Outburst in Galactic Center Molecular Clouds”	Annandale-on-Hudson, NY August 2017 - May 2021
Publications	Nathalie K. Jones , et al. (2025), <i>HD 143811 AB b: A Directly Imaged Planet Orbiting a Spectroscopic Binary in Sco-Cen</i> , ApJL 995 L41, DOI:10.3847/2041-8213/ae2007	
	Anne E. Peck, William Roberson, Eric L. Nielsen, Robert J. De Rosa, Nathalie K. Jones , et al. (2025), <i>Characterization of the Host Binary of Directly Imaged Exoplanet HD 143811 AB b</i> , ApJL 995 L40, DOI:10.3847/2041-8213/ae1a67	
Selected Posters & Presentations	Analysis and Publication of the Complete Gemini Planet Imager Exoplanet Survey Dataset <i>Poster; July 2026; Exoplanets 6, Instituto de Astrofísica e Ciências do Espaço</i>	
	Old Data, New Planet: Finding Candidate Companions from the Gemini Planet Imager Exoplanet Survey <i>Contributed talk; February 2026; Spirit of Lyot 6, California Institute of Technology</i>	
	The Gemini Planet Imager Exoplanet Survey: Analysis of Candidate Companions <i>Poster; October 2025; 51 Peg b 30th Birthday Conference, Observatoire de Haute-Provence</i>	
	GPIES Candidate Companions & Observational Astronomy in Hawaii <i>Presentation; May 2025; CIERA Observers Meeting</i>	
	GPIES Candidates Update & Prelim. Analysis <i>Presentation; November 2024; GPI Data Telecon</i>	
	Observing and Understanding Intermediate z Galaxies and Star Formation History <i>Presentation; March 2023; CIERA Observers Meeting</i>	
	Brightening of the Bridge: Reflections of a Past Sgr A* Outburst in Galactic Center Molecular Clouds	

Virtual Presentation; May 2022; [ASNY Undergraduate Writing Prize Talk](#)

20-Year-Long Time Variability of Galactic Center Molecular Cloud “Bridge” Revealed by NuSTAR and XMM-Newton

iPoster; January 2022; #239 AAS Conference

Continuing Brightening of a Sgr A Complex Molecular Cloud: Revealing More Details about Past Sgr A* Activities,

iPoster; June 2021; #238 AAS Conference

Awards & Honors	SIP khalakwati Stewardship Fellowship (\$550)	2026
	CIERA Board of Visitors Fellowship	2025-2026
	UN CIFAL/NSF Certificate of Completion, GIS for Sustainability and Resilience in the Pacific, Foundations Course	2024
	Chaminade Univeristy, Honolulu	
	NSF ALL-SPICE Alliance Scholarship (\$1500),	2024
	Chaminade University, Honolulu	
	Undergraduate Writing Prize (\$500), Astronomical Society of New York	2022
	Fulbright Scholarship Alternate	2021

Observing Programs	Very Large Telescope Interferometer/GRAVITY (Cycle P117)	
	Orbital Monitoring of New Directly Imaged Planet HD 143811 AB b, PI , 4 hrs	
	James Webb Space Telescope/NIRSpec (Cycle 5)	
	<i>A Glimpse into Circumbinary Planet Formation at sub-100 au scales with HD 143811 AB b, Co-I (PI: Aneesh Baburaj), 13 hrs</i>	
	Keck II/SCALES Confirmation of Two New Directly Imaged Exoplanet Candidates with NIRC2 and SCALES, PI , 1.5 nights	

Media & Press Releases	Nathalie Jones & Jason Wang, <i>Rare image of Tatooine-like planet is closest to its twin stars yet</i> ; Northwestern Now	
	Shuo Zhang, Nathalie Jones, & Field Rogers, <i>Giant Molecular Clouds: Storytellers of the Galactic Center’s History in the Past Few Hundred Years</i> ; #239 AAS Conference	

Professional Experience	Program Coordinator; CIERA REACH	2024, 2025
	Virtual Summer Camp Instructor; Lavner Education, Philadelphia	2021

Additional Teaching Experience	Teaching Assistant: PHYS 136-2 & 3,	2024 - 2025
	Northwestern University	
	Planetary Astrophysics: ASTRON 314/414 Grader,	2025
	Northwestern University	
	Introduction to Physics II Tutor, Bard College	2020

	Global Energy Tutor, <i>Bard College</i>	2020
Outreach & Leadership	Invited Guest Lecturer;	January 2026
	International Youth Astronomy Society (Virtual)	
	Indigenous Graduate Student Collective President;	May 2025 - Present
	Northwestern University	
	CIERA Astronomer Evening Lecturer; Dearborn Observatory	March 2025
	DEI, Teaching Assistant Committees; Northwestern PAGSC	2024 - Present
	Annual Public Lecture Volunteer; CIERA	2024
	Astronomy Night Out Volunteer; CIERA	2023, 2024
	Activity Leader; CIERA REACH	2023
Mentorship	Christopher Hays & Warit Wijitworasart;	2024 - 2025
	<i>Physics Masters Students</i>	
	Northwestern PAGSC Mentorship Program	