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CURRENT POSITION	Postdoctoral Associate September 2022–present Center for Interdisciplinary Exploration and Research in Astrophysics, Northwestern University, Evanston, IL Supervisor: Jason Jinfei Wang
EDUCATION	University of California, San Diego , La Jolla, CA, USA Doctor of Philosophy (Ph.D.) in Physics September 2022 Thesis: “Kinematics, Multiplicity, Rotational Dynamics, and Population Properties of Ultracool Dwarfs Inferred from High-Resolution Near-Infrared Spectroscopy” Advisor: Adam J. Burgasser National Tsing Hua University , Hsinchu, Taiwan Bachelor of Science (B.S) in Physics June 2014 GPA: 4.22/4.3; ranked 1 st out of the graduating class
RESEARCH INTERESTS	lowest-mass stars; brown dwarfs; exoplanets; medium-/high-resolution spectroscopy; very low-mass binaries; stellar populations; stellar kinematics; stellar rotation
RESEARCH EXPERIENCE	Postdoctoral Associate 2022–present Center for Interdisciplinary Exploration and Research in Astrophysics, Northwestern University, Evanston, IL Supervisor: Jason Jinfei Wang Graduate Research Student 2016–2022 Center for Astrophysics and Space Sciences, UC San Diego, La Jolla, CA Advisor: Adam J. Burgasser Research Assistant 2015–2016 Institute of Astronomy, National Tsing Hua University, Hsinchu, Taiwan Supervisor: Huei-Ru “Vivien” Chen Undergraduate Research Student 2013–2014 Physics Department, National Tsing Hua University, Hsinchu, Taiwan Advisor: Kingman Cheung
ACADEMIC HONORS & AWARDS	Cool Stars 21 Travel Grant July 2022 Cool Stars 21 st Meeting, Toulouse, France Rodger Doxsey Travel Prize June 2022 AAS 240 th Meeting, Pasadena, CA Awarded for providing graduate students/postdocs within one year of receiving or receipt of their PhD a monetary prize to enable the oral presentation of their dissertation research (transferred from the AAS 239 th Meeting).

- Friends of the International Center fellowship** 2020
UC San Diego, La Jolla, CA
Awarded for promoting international friendship, understanding, and cooperation.
- Carol and George Lattimer Award for Graduate Excellence** 2019–2020
UC San Diego, La Jolla, CA
Awarded to graduate students in the Divisions of Physical Sciences who seek interdisciplinary approaches to problem-solving and have a strong commitment to education, mentorship, and service.
- Physics Chair’s Challenge Award * 3** 2017, 2018, 2022
UC San Diego, La Jolla, CA
Awarded for supporting educational excellence and training for physics students.
- Physics Excellence Award** 2016
UC San Diego, La Jolla, CA
Awarded to highly qualified students admitted to the Physics PhD program.
- College of Science Elite Student Award * 3** 2012–2014
National Tsing Hua University, Hsinchu, Taiwan
Awarded to the top student of class based on academic achievements.
- Academic Achievement Award * 5** 2011–2014
National Tsing Hua University, Hsinchu, Taiwan
Awarded to top 5 % of class.
- College of Science Scholarship** 2013
National Tsing Hua University, Hsinchu, Taiwan
Awarded to one student in College of Science based on academic achievements.

PUBLICATION SUMMARY 27 peer-reviewed publications, 4 first-author publications (2 under review), and 9 non-refereed-publications; h-index 11 (350+ total citations)

- FIRST AUTHOR PUBLICATIONS**
- [4] **Hsu, C.**; Burgasser, A. J.; Theissen, C. A.; Birky, J. L.; Aganze, C.; Gerasimov, R.; Schmidt, S. J.; Blake, C. H.; Covey, K. R.; Moreno-Hilario, E.; Gelino, C. R.; Serna J.; Brownstein, J. R.; Cunha K., “*The Brown Dwarf Kinematics Project (BDKP). VI. Ultracool Dwarf Radial and Rotational Velocities from SDSS/APOGEE High-resolution Spectroscopy*”, submitted to AAS Journals.
 - [3] **Hsu, C.**; Wang, J. J.; Xuan, J. W.; Ruffio, J.-B.; Morris, E.; Echeverri, D.; Xin, Y.; Liberman, J.; Finnerty, L.; Hortsman, K.; Sappey B.; Doppmann G.; Mawet, D.; Jovanovic, N.; Fitzgerald, M. P.; Delorme, J.-R.; Wallace, J. K.; Baker, A.; Bartos, R.; Blake, G. A.; Calvin, B.; Cetre, S.; Lopez, R. A.; Pezzato, J.; Schofield, T.; Skemer, A., “*Rotation and Abundances of the Benchmark Brown Dwarf HD 33632 Ab from Keck/KPIC High-resolution Spectroscopy*”, submitted to AAS Journals.
 - [2] **Hsu, C.**; Burgasser, A. J.; Theissen, C. A., “*Discovery of the Exceptionally Short Period Ultracool Dwarf Binary LP 413-53AB*”, ApJL, 945, L6, March 2023
 - [1] **Hsu, C.**; Burgasser, A. J.; Theissen, C. A.; Gelino, C. R.; Birky, J. L.; Diamant, S. J. M.; Bardalez Gagliuffi, D. C.; Aganze, C.; Blake, C. H.; Faherty, J. K., “*The Brown Dwarf Kinematics Project (BDKP). V. Radial and Rotational Velocities*”, submitted to AAS Journals.

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CONTRIBUTING
AUTHOR
PUBLICATIONS

- [25] Holwerda, B. W.; **Hsu, Chih-Chun**; Hathi, Nimish; Bisigello, Laura; de la Vega, Alexander; Arrabal Haro, Pablo; Bagley, Micaela; Dickinson, Mark; Finkelstein, Steven L.; Kartaltepe, Jeyhan S.; Koekemoer, Anton M.; Papovich, Casey; Pirzkal, Nor; Cook, Kyle; Robertson, Clayton; Casey, Caitlin M; Aganze, Christian; Pérez-González, Pablo G.; Lucas, Ray A.; Jogee, Shardha; Wilkins, Stephen; Burgarella, Denis; Kirkpatrick, Allison, “Cosmic Evolution Early Release Science Survey (CEERS): Multi-classing Galactic Dwarf Stars in the deep JWST/NIRCam”, accepted to MNRAS, January 2024
- [24] Lingfeng Wei, Christopher A. Theissen, Quinn M. Konopacky, Jessica R. Lu, **Chih-Chun Hsu**, Dongwon Kim, “The 3D Kinematics of the Orion Nebula Cluster II: Mass-dependent Kinematics of the Inner Cluster”, ApJ, 962, 174, February 2024
- [23] J. Davy Kirkpatrick, Federico Marocco, Christopher R. Gelino, Yadukrishna Raghu, Jacqueline K. Faherty, Daniella C. Bardalez Gagliuffi, Steven D. Schurr, Kevin Apps, Adam C. Schneider, Aaron M. Meisner, Marc J. Kuchner, Dan Caselden, R. L. Smart, S. L. Casewell, Roberto Raddi, Aurora Kesseli, Nikolaj Stevnbak Andersen, Edoardo Antonini, Paul Beaulieu, Thomas P. Bickle, Martin Bilsing, Raymond Chieng, Guillaume Colin, Sam Deen, Alexandru Dereveanco, Katharina Doll, Hugo A. Durantini Luca, Anya Frazer, Jean Marc Gantier, Léopold Gramaize, Kristin Grant, Leslie K. Hamlet, Hiro Higashimura, Michiharu Hyogo, Peter A. Jachowicz, Alexander Jonkeren, Martin Kabatnik, Frank Kiwy, David W. Martin, Marianne N. Michaels, William Pendrill, Celso Pessanha Machado, Benjamin Pumphrey, Austin Rothermich, Rebekah Russwurm, Arttu Sainio, John Sanchez, Fyodor Theo Sapelkin-Tambling, Jörg Schümann, Karl Selg-Mann, Harshdeep Singh, Andres Stenner, Guoyou Sun, Christopher Tanner, Melina Thévenot, Maurizio Ventura, Nikita V. Voloshin, Jim Walla, Zbigniew Wedraski, Jose I. Adorno, Christian Aganze, Katelyn N. Allers, Hunter Brooks, Adam J. Burgasser, Emily Calamari, Thomas Connor, Edgardo Costa, Peter R. Eisenhardt, Jonathan Gagné, Roman Gerasimov, Eileen C. Gonzales, **Chih-Chun Hsu**, Rocio Kiman, Guodong Li, Ryan Low, Eric Mamajek, Blake M. Pantoja, Mark Popinchalk, Jon M. Rees, Daniel Stern, Genaro Suárez, Christopher Theissen, Chao-Wei Tsai, Johanna M. Vos, David Zurek, The Backyard Worlds: Planet 9 Collaboration, “The Initial Mass Function Based on the Full-sky 20-pc Census of ~3,600 Stars and Brown Dwarfs”, Accepted in ApJS, December 2023
- [22] Jerry W. Xuan, Jason J. Wang, Luke Finnerty, Katelyn Horstman, Simon Grimm, Anne Peck, Eric L. Nielsen, Heather A. Knutson, Dimitri Mawet, Howard Isaacson, Andrew W. Howard, Michael C. Liu, Sam Walker, Mark Phillips, Geoffrey Blake, Jean-Baptiste Ruffio, Yapeng Zhang, Julie Inglis, Nicole L. Wallack, Aniket Sanghi, Erica Gonzales, Fei Dai, Ashley Baker, Randall Bartos, Charlotte Bond, Marta L. Bryan, Benjamin Calvin, Sylvain Centre, Jacques-Robert Delorme, Greg Doppmann, Daniel Echeverri, Michael P. Fitzgerald, Nemanja Jovanovic, Joshua Liberman, Ronald A. López, Emily C. Martin, Evan Morris, Jacklyn Pezzato, Garreth Ruane, Ben Sappay, Tobias Schofield, Andrew Skemer, Taylor Venenciano, James K. Wallace, Ji Wang, Peter Wizinowich, Yinzi Xin, Shubh Agrawal, Clarissa R. Do Ó, **Chih-Chun Hsu**, Caprice Phillips, “Validation of elemental and isotopic abundances in late-M spectral types with the benchmark HIP 55507 AB system”, ApJ, 962, 10, February 2024

- [21] Luke Finnerty, Jerry W. Xuan, Yinzi Xin, Joshua Liberman, Tobias Schofield, Michael P. Fitzgerald, Shubh Agrawal, Ashley Baker, Randall Bartos, Geoffrey A. Blake, Benjamin Calvin, Sylvain Cetre, Jacques-Robert Delorme, Greg Doppman, Daniel Echeverri, **Chih-Chun Hsu**, Nemanja Jovanovic, Ronald A. López, Emily C. Martin, Dimitri Mawet, Evan Morris, Jacklyn Pezzato, Jean-Baptiste Ruffio, Ben Sappey, Andrew Skemer, Taylor Venenciano, J. Kent Wallace, Nicole L. Wallack, Jason J. Wang, Ji Wang, “Atmospheric metallicity and C/O of HD 189733 b from high-resolution spectroscopy”, *AJ*, 167, 43, January 2024
- [20] Grady Robbins, Aaron M. Meisner, Adam C. Schneider, Adam J. Burgasser, J. Davy Kirkpatrick, Jonathan Gagne, **Chih-Chun Hsu**, Leslie Moranta, Sarah Casewell, Federico Marocco, Roman Gerasimov, Jacqueline K. Faherty, Marc J. Kuchner, Dan Caselden, Michael C. Cushing, Sherelyn Alejandro, The Backyard Worlds: Planet 9 Collaboration, The Backyard Worlds: Cool Neighbors Collaboration, “CWISE J105512.11+544328.3: A Nearby Y Dwarf Spectroscopically Confirmed with Keck/NIRES”, *ApJ*, 958, 94, November 2023
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- [18] Daniel Echeverri; Jerry Xuan; Nemanja Jovanovic; Garreth Ruane; Jacques-Robert Delorme; Dimitri Mawet; Bertrand Mennesson; Eugene Serabyn; J. Kent Wallace; Jason Wang; Jean-Baptiste Ruffio; Luke Finnerty; Yinzi Xin; Maxwell Millar-Blanchaer; Ashley Baker; Randall Bartos; Benjamin Calvin; Sylvain Cetre; Greg Doppmann; Michael P. Fitzgerald; Sofia Hillman; Katelyn Horstman; **Chih-Chun Hsu**; Joshua Liberman; Ronald Lopez; Evan Morris; Jacklyn Pezzato; Caprice L. Phillips; Bin B. Ren; Ben Sappey; Tobias Schofield; Andrew J. Skemer; Connor Vancil; Ji Wang, “Vortex fiber nulling for exoplanet observations: implementation and first light”, *JATIS*, 23063G, September 2023
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- [13] Aganze, Christian; Burgasser, Adam J.; Malkan, Mathew; Theissen, Christopher A.; Tejada Arevalo, Roberto A.; **Hsu, Chih-Chun**; Bardalez Gagliuffi, Daniella C.; E Ryan, Russell, Jr; Holwerda, Benne, “Beyond the Local Volume II: Population Scaleheights and Ages of Ultracool Dwarfs in Deep HST/WFC3 Parallel Fields”, *ApJ*, 934, 73, July 2022
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TALKS

- “*The Brown Dwarf Kinematics Project (BDKP). VI. Ultracool Dwarf Radial and Rotational Velocities from SDSS/APOGEE High-Resolution Spectroscopy*” January 10, 2024
AAS 243 Meeting, Ernest N. Morial Convention Center, New Orleans, LA
- “*Rotation of Directly-Imaged Brown Dwarfs and Gas Giant Exoplanets with KPIC*” October 27, 2023
Great Lakes Exoplanets Area Meeting, Indiana University, Bloomington, IN
- “*Discovery of the Shortest-Period Ultracool Dwarf Binary*” January 11, 2023
AAS 241 Meeting, Seattle Convention Center, Seattle, WA
- “*Discovery of the Shortest-Period Ultracool Dwarf Binary*” January 10, 2023
AAS 241 Meeting Press Conference, Seattle Convention Center, Seattle, WA
- “*Kinematics and Multiplicity of Ultracool Dwarfs with High-Resolution Near-Infrared Spectroscopy*” November 16, 2022
Northwestern CIERA Observational Astronomy Meeting, Evanston, IL
- “*Kinematics, Rotation, and Multiplicity of Ultracool Dwarfs with High-Resolution Near-Infrared Spectroscopy*” June 14, 2022
AAS 240 Meeting, Pasadena Convention Center, Pasadena, CA
- “*Forward-Modeling High-Resolution Spectroscopic Data of Ultracool Dwarfs with Large Public Archives*” June 3, 2022
HDSI Internal Talk, Halicioglus Data Science Institute, UC San Diego, Virtual
- “*Kinematics, Rotation, and Multiplicity of Ultracool Dwarfs with High-Resolution Near-Infrared Spectroscopy*” May 25, 2022
IPAC Seminar Series, Infrared Processing and Analysis Center, Virtual
- “*Radial and Rotational Velocities of T Dwarfs from Keck/NIRSPEC High-Resolution Spectroscopy*” September 9, 2021
Keck Science Meeting, UC San Diego
- “*Precise Radial and Rotational Velocities of Ultracool Dwarfs with the APOGEE High-Resolution Spectrometer*” August 11, 2021
2021 SDSS Collaboration Meeting, Virtual
- “*Radial Velocities and Kinematic Ages of Nearby T Dwarfs from Keck/NIRSPEC*”

High-Resolution Spectroscopy”
AAS 237 Meeting, Virtual

January 15, 2021

“Ultracool Dwarf Kinematics and Ages Revealed by High-Resolution Spectroscopy”
November 13, 2020
CASS Journal Club, UC San Diego, La Jolla, CA

“Precise Radial and Rotational Velocities of Ultracool Dwarfs Using a Forward-Modeling Method with High-Resolution Spectroscopy” February 4, 2020
High-Resolution Infrared Spectroscopy for Exoplanet Characterization Hackathon,
Caltech, Pasadena, CA

“Radial and Rotational Velocities of Ultracool Dwarfs From High-Resolution Spectroscopy” March 5, 2019
AMNH Astrophysics seminar, American Museum of Natural History, New York, NY

“Radial and Rotational Velocities of Ultracool Dwarfs From High-Resolution Spectroscopy” February 15, 2019
CASS Journal Club, UC San Diego, La Jolla, CA

POSTERS

“Rotation and Abundances of HD 33632 Ab with KPIC” July 2023
2023 Sagan Summer Workshop, Caltech, Pasadena, CA

“Kinematics, Rotation, and Multiplicity of Ultracool Dwarfs with High-Resolution Near-Infrared Spectroscopy” July 2022
The 21 Cambridge Workshops of Cool Stars, Stellar Systems and the Sun, Toulouse, France

“Radial Velocities and Kinematic Ages of Nearby T Dwarfs from Keck/NIRSPEC High-Resolution Spectroscopy” March 2021
The 20.5 Cambridge Workshops of Cool Stars, Stellar Systems and the Sun, Virtual

“Precise Radial and Rotational Velocities for over 440 Ultracool Dwarfs Observed with NIRSPEC” September 2020
Keck Science Meeting 2020, Virtual

“Precise Radial and Rotational Velocities for T Dwarfs Using NIRSPEC High-Resolution Spectrometer” September 2019
Keck Science Meeting 2019, UCLA, Los Angeles, CA

“Precise Radial and Rotational Velocities of Ultracool Dwarfs with APOGEE High-Resolution Spectra” June 2019
SDSS-IV/V Collaboration Meeting 2019, Ensenada, Mexico

“Radial and Rotational Velocities for 300+ Ultracool Dwarfs from NIRSPEC High-Resolution Spectroscopy” January 2019
AAS 233 Meeting, Seattle, WA

“Toward Measurements of Radial and Rotational Velocities of 300+ Ultracool Dwarfs from NIRSPEC High-Resolution Spectroscopy” September 2018
Keck Science Meeting 2018, Caltech, Pasadena, CA

“Precise Radial Velocities to Detect Exoplanets around Ultracool Dwarfs Using the

	<i>NIRSPEC High-Resolution Spectrograph”</i> ExSoCal 2018, Caltech, Pasadena, CA	September 2018
	<i>“Refined Measurements of Radial and Rotational Velocities of 300+ Ultracool Dwarfs from NIRSPEC High-Resolution Spectroscopy”</i> Cool Stars 20, Boston University, Cambridge, MA	July 2018
PRESS COVERAGE	<i>“Record breakers! Super-close dwarf stars orbit each other in less than a day ”,</i> Space.com, March 2023	
	<i>“Ultracool Dwarf Binary Stars Break Records ”,</i> W. M. Keck Observatory, February 2023	
	<i>“Ultracool dwarf binary stars break records ”,</i> Northwestern News, January 2023	
	<i>“Astronomers Spot A Tiny Binary System”,</i> Sky & Telescope, January 2023	
	<i>“Ultracool dwarf binary stars break records”,</i> Earth Sky, January 2023	
	<i>“This Record-Breaking Star System’s Year Is Shorter Than One Earth Day”,</i> CNET, January 2023	
	<i>“Here’s how cool a star can be and still achieve lasting success”,</i> Science News, August 2021	
WORKSHOPS	<i>2023 Sagan Summer Workshop</i> Caltech, Pasadena, CA	July 24–28 2023
	<i>Future Keck IR Spectroscopy Workshop</i> Virtual	January 27 2021
	<i>High-Resolution Infrared Spectroscopy for Exoplanet Characterization Hackathon</i> Caltech, Pasadena, CA	February 4–6 2020
	<i>Telluric Line Hack Week Workshop</i> Flatiron Institute, New York, NY	February 25–28 2019
	<i>2017 Kraft Observational Astronomy Workshop</i> Lick Observatory, Mount Hamilton, CA	October 12–16 2017
	<i>SciCoder Workshop</i> Vanderbilt University, Nashville, TN	July 31–August 4 2017
GRANTS & FUNDINGS	<i>Characterizing the Lowest-mass Planet Hosts and Investigating the Potential Link 2024–2026 between Stellar Surface Gravity and Planet Occurrence</i> Co-I, NASA XRP (PI: Christopher Theissen), \$618k	2024–2026
	<i>Infrared Gold: A Student-Centered Program to Extract, Analyze, and Disseminate 20 Years of IRTF/SpeX Point-Source Spectroscopy 2022–2025</i>	

	Co-I, NASA ADAP (PI: Adam Burgasser), \$666,511	2022–2025
TELESCOPE TIME AWARDED	<p><i>James Webb Space Telescope</i> Co-I: Cycle 3: “Arcana of the Ancients: A Spectral Metallicity Survey of the Lowest-Mass Stars and Brown Dwarfs”, (PI: Adam Burgasser), 58.2 Primary Spacecraft Hours awarded</p> <p>Co-I: Cycle 3: “Is CWISE 1055+5443 the first young Y-type brown dwarf?”, (PI: Aaron Meisner), 4.09 Primary Spacecraft Hours awarded</p> <p><i>W. M. Keck Telescopes, Keck II 10-meter</i> PI: 2023B–2024A: “Precise Characterization of M Dwarf Exoplanet Host Abundances for KPIC”, 1.0 night awarded (NIRSPEC)</p> <p>Co-I: 2021B–2022B: “Galactic Archaeology with Ultracool Dwarfs: Kinematic Structure Among L Dwarfs”, 5.25 nights awarded (NIRSPEC)</p> <p>Co-I: 2021B–2022B: “The Old and the Quick: A Search for Halo Brown Dwarfs with Backyard Worlds”, 5.5 nights awarded (NIREs)</p> <p>Co-I: 2019B–2020B: “Completing the Kinematic Census of Local T Dwarfs”, 5.75 nights awarded (NIRSPEC)</p> <p>Co-I: 2018B–2021A: “NIREs Follow-up of Young T Dwarfs from Backyard Worlds”, 9 nights awarded (NIREs)</p> <p><i>MMT Observatory</i> PI: 2023B: “Abundance Calibration of Ultracool Dwarfs Using FGK Wide- Binaries with MMT Hectochelle”, 1 night awarded (Hectochelle)</p> <p><i>Lick Observatory</i> PI: 2022B: “Calibrations of Chemical Abundances of Ultracool Dwarfs in Wide Binary Systems with Optical High-Resolution Spectroscopy of G-Type Primaries”, 1 night awarded (APF)</p> <p><i>NASA InfraRed Telescope Facility (IRTF)</i> PI: 2022B: “Discovery of an Exceptionally Short-Period Very Low Mass Binary”, 3 nights awarded (iSHELL)</p> <p>PI: 2023B: “Discovery of an Exceptionally Short-Period Very Low Mass Binary”, 3 nights awarded (iSHELL)</p> <p>Co-I: 2018A–2019B: “Training the Cannon: Calibrating APOGEE Observations of Ultracool Dwarfs”, 6 nights awarded (iSHELL)</p>	
ADDITIONAL OBSERVING EXPERIENCE	<p><i>Keck II 10-meter/NIRSPEC 7 nights</i></p> <p><i>Keck I 10-meter/HIRES 0.5 nights</i></p> <p><i>Shane Telescope 3-meter</i></p> <ul style="list-style-type: none"> • Kast Double Spectrograph: 22 nights • ShaneAO/ShARCS: 1 night 	<p>2017–2018</p> <p>2018</p> <p>2018–2021</p> <p>2019</p>

	NASA InfraRed Telescope Facility (IRTF)/SpeX 2 nights	2021–2022
MENTORSHIP	Julianne Cronin, graduate student at Northwestern University	2023–present
	Allie Salyga, undergraduate student at Northwestern University	2023–present
	Brigette Vazquez, undergraduate student at UC San Diego	2021–2022
	Delilah Jacobsen, undergraduate student at UC San Diego	2021–2022
	Tianxing “Sky” Zhou, undergraduate student at UC San Diego	2021–2022
TEACHING	Teaching assistant for Workshop “How to Read Papers Efficiently and Effectively: A Workshop on Critical Reading for Students and Instructors” January 7, 2024	
	AAS 243 Meeting, Ernest N. Morial Convention Center, New Orleans, LA	
	• Introductory lecture of brown dwarf astrophysics for undergraduate and graduate physics/astronomy students	
	Guest lecture for ASTRON 314/414 May 11, 2023	
	Northwestern University, Evanston, IL	
	• Introductory lecture of brown dwarf astrophysics for undergraduate and graduate physics/astronomy students	
	Guest lectures for ASTRON 441 October 25 and 27, 2022	
	Northwestern University, Evanston, IL	
	• workshops on Overleaf and reading academic papers for first- and second-year astronomy Ph.D. students	
	Teaching assistant for PHYS 2D Spring 2021	
	UC San Diego, La Jolla, CA	
	• lower-division modern physics lecture for engineering/physical science majors	
	Teaching assistant for PHYS 5 Fall 2020	
	UC San Diego, La Jolla, CA	
	• lower-division introductory stellar astrophysics lecture for non-physics major	
	Teaching assistant for PHYS 2DL Spring & Fall 2017, 2019, Spring 2020, Fall 2021	
	UC San Diego, La Jolla, CA	
• lower-division modern physics lab for engineering/physical science majors		
Teaching assistant for PHYS 1A Spring 2018		
UC San Diego, La Jolla, CA		
• lower-division mechanics lab for life-science majors		
Teaching assistant for PHYS 160 Winter 2018, Fall 2018		
UC San Diego, La Jolla, CA		
• upper-division introductory stellar astrophysics lecture for physics major		
Teaching assistant for PHYS 2BL Fall 2016, Winter 2017		
UC San Diego, La Jolla, CA		
• lower-division electricity & magnetism lab for engineering/physics major		
California Professoriate for Access to Physics Careers (CPAPC)		
Southern California Physics GRE Bootcamp August 2017		
• UC San Diego, La Jolla, CA		

PUBLIC OUTREACH	Astronomy on Tap Chicago (invited) Begyle Brewing, Chicago, IL <ul style="list-style-type: none"> Famous astronomy outreach program to general public “Discovery of the Closest-Separated, Fastest-Orbiting Ultracool Dwarf Couple” 	February 9 th , 2023
	Python Workshop for Physics Undergraduate Students UC San Diego, La Jolla, CA <ul style="list-style-type: none"> Python-programming bridge program for transferred students to UC San Diego 	2019–2021 November
	2019 Institute for Scientist & Engineer Educators (ISEE) Professional Development Program (PDP) UC Santa Cruz/UC Los Angeles, CA <ul style="list-style-type: none"> Professional development team focused on effective and inclusive teaching, including mentoring, and also includes training in professional skills such as communication, teamwork, collaboration, and leadership. 	March–September 2019
	Institute of the Americas (IOA) Science Innovation Camp UC San Diego, La Jolla, CA <ul style="list-style-type: none"> Physics outreach for Latin American high school students (14–18 year old) 	July 20 2017
	The Barrio Logan Science & Art Expo Mercado del Barrio, San Diego, CA <ul style="list-style-type: none"> Physics outreach for Mexican families from around southern San Diego 	March 16 2019
REFeree	The AAS Journals Gemini observing proposal (2023A)	2023–present 2022
SERVICE	Co-organizer of the CIERA Observers Group Meetings	2023 Fall–present
PROFESSIONAL AFFILIATIONS	American Astronomical Society (AAS)	2018–Present
SKILLS	Python, L ^A T _E X, Github, HTML; Languages: Mandarin (native), English (fluent)	
REFERENCES	Dr. Adam Burgasser Professor of Physics University of California San Diego 9500 Gilman Drive 0424, La Jolla, California 92093-0424, USA aburgasser at ucsd.edu	
	Dr. Quinn Konopacky Associate Professor of Physics University of California San Diego 9500 Gilman Drive 0424, La Jolla, California 92093-0424, USA qkonopacky at ucsd.edu	
	Dr. Christopher Theissen Assistant Professor of Astronomy University of California San Diego	

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[CV compiled on 2024/03/08]