

Dr. Kendall Sullivan

CONTACT INFORMATION	ksulliv4@ucsc.edu	kendallsullivan.github.io
EDUCATION	University of Texas at Austin, Austin, TX PhD, Astronomy <i>Revealing Star and Planet Formation With Stellar Multiplicity</i> Advisor: Prof. Adam Kraus University of Massachusetts, Amherst, MA B.S., Physics and Astronomy, Cum Laude Commonwealth Honors College Scholar with Great Distinction Departmental Honors in Astronomy	Aug. 2023 Feb. 2018
RESEARCH POSITIONS	University of California, Santa Cruz Postdoctoral Scholar (Supervisor: Prof. Natalie Batalha) University of Texas at Austin PhD student (Thesis advisor: Prof. Adam Kraus) NSF Graduate Research Fellow Northern Arizona University/Lowell Observatory Research Assistant (post-baccalaureate full-time) NSF REU student (Supervisor: Dr. Lisa Prato) University of Massachusetts, Amherst Five College Astronomy Department Summer Intern Research Assistant	Sept. 2023 - present Sept. 2018 - Aug. 2023 2020 - 2023 Jan. - Aug. 2018 Summer 2017 Summer 2016 Sept. 2015 - Feb. 2018
FELLOWSHIPS AND AWARDS	National Science Foundation Graduate Research Fellowship Conference Awards AAS Rodger Doxsey Prize ExoPAG 27 Travel Award Emerging Researchers in Exoplanet Science Travel Grant Sagan Summer Workshop Travel Grant University of Texas at Austin Board of Visitors Second Year Defense Award Dean's Unrestricted Fellowship Astronomy Dept. Recruitment Fellowship	Awarded 2020 Jan. 2023 Jan. 2023 Aug. 2022 Jul. 2022 Awarded 2020 5 years; awarded 2018 2 summers; awarded 2018
SELECTED REFEREED PUBLICATIONS (8 FIRST AUTHOR; H-INDEX = 5)	Sullivan, K. , Kraus, A. L., Berger, T., et al., <i>Revising Properties of Planet-Host Binary Systems. IV. Small-Separation Binary Stars May Suppress Sub-Neptune Formation</i> , in review at AJ Sullivan, K. , Kraus, A. L., <i>Starspots and Undetected Binary Stars Have Distinct Signatures in Young Stellar Associations</i> , in review at ApJ Sullivan, K. , Kraus, A. L., Huber, D., et al., <i>Revising Properties of Planet-host Binary Stars. III. There is No Observed Radius Gap For Kepler Planets in Binary Stars</i> , 2023, AJ, 165, 177 Sullivan, K. , and Kraus, A. L., <i>Revising Properties of Planet-Host Binary Stars. II. Apparent Near-Earth Analog Planets in Binaries Are Often Sub-Neptunes</i> , 2022, AJ, 164, 138 Sullivan, K. , Kraus, A. L., and Mann, A. W., <i>Revising Properties of Planet-Host Binary Stars. I. Methods and Pilot Study</i> , 2022, ApJ, 935, 141 Sullivan, K. and Kraus, A. L., <i>Optical and NIR Excesses Are Correlated In T Tauri Stars</i> , 2022, ApJ, 928, 134 Sullivan, K. and Kraus, A. L., <i>Undetected Binary Stars Cause an Observed Mass Dependent Age Gradient in Upper Scorpius</i> , 2021, ApJ, 912, 137 Nofi, L., et al. (includes K. Sullivan), <i>Projected Rotational Velocities and Fundamental</i>	

Properties of Low-Mass Pre-Main Sequence Stars in the Taurus-Auriga Star Forming Region, 2021, ApJ, 911, 138. **K.S. contribution:** Performed data reduction for sample.

Sullivan, K., Prato, L., Edwards, S., et al., *Accretion and variability in S Corona Australis and VV Corona Australis*, 2019, ApJ, 884, 28

Flagg, L., et al. (includes K. Sullivan), *CO Detected in CI Tau b: Hot Start Implied by Planet Mass and M_K* , 2019, ApJ Letters, 878, 37. **K.S. contribution:** Performed data reduction for spectra.

SELECTED TALKS	Cool Stars 22	June 2024
	Penn State/Center for Exoplanets and Habitable Worlds (invited)	April 2024
	Extreme Solar Systems V	March 2024
	JPL Exoplanet Lunch Seminar (invited)	Feb. 2023
	NASA ExoPAG 27 Early Career Symposium	Jan. 2023
	University of Hawai'i/IfA (invited)	Sept. 2022
PI OBSERVING PROGRAMS	Lick Observatory	
	Shane 3-m/ShaneAO + ShARCS - 5 nights	Awarded for 2024A
	Nickel 1-m/CCD-C2 - 20 nights	Awarded for 2024A
	McDonald Observatory	
	Hobby-Eberly Telescope/LRS2-R - 100 hours	6 trimesters over 2021-2023
	NOIRLab/NOAO	
	Gemini South/GMOS - 2.2 hours	2021B
SERVICE, MENTORING, AND DEI	IRTF/iSHELL - 4 half nights	2019B
	KPNO/WIYN 0.9m telescope - 5 nights	2017/2018
	AAS Journals; Astronomy & Astrophysics	
	Reviewer	2023-present
	NASA	
	ExoPAG SIG2 on Exoplanet Demographics	2023-present
	Grant review panel Executive Secretary	2 years
	University of California Santa Cruz	
	Graduate-Postdoc Mentoring Program lead	2023-present
	University of Texas at Austin	
	Graduate-Undergraduate Mentoring Program co-lead	2021-2023
	TAURUS/REU weekly seminar lead organizer	2 summers
	Graduate Student Assembly Representative	2021-2022
	Dean's Council Representative	2021-2022
	Graduate Student Departmental Reform Committee	2020-2021
TEACHING	UT Undergraduate Mentor	2019-2023
	TAURUS informal Mentor	3 summers
	University of California Santa Cruz	
	ASTR 9 (Introduction to Research) group leader	Winter/Spring 2024
	ASTR 19 (Introduction to Python) guest lecturer	Feb. 2024
	University of Texas at Austin	
STUDENTS SUPERVISED	Graduate Student Observing Seminar lecturer	Feb. 2023
	TAURUS/REU Intro Astronomy Seminar developer and lead	2 summers
	Undergraduate Python Bootcamp TA	3 summers
	Hunter Brooks (Northern Arizona University)	Jan. 2022-Feb.2023
STUDENTS SUPERVISED	Nathanael Burns-Watson (UT REU/Case Western)	Summer 2023
	6 UCSC undergraduates for ASTR 9	Senior Project 2023-2024
	Kris Lara (UCSC Lamat/Hartnell Community College)	Winter/Spring 2024
		Summer 2024