

Dr. Kendall Sullivan (they/them)

CONTACT INFORMATION	ksulliv4@ucsc.edu	kendallsullivan.github.io
EDUCATION	University of Texas at Austin, Austin, TX PhD, Astronomy NSF Graduate Research Fellow Dissertation: <i>Revealing Star and Planet Formation With Stellar Multiplicity</i> 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
FIRST-AUTHOR PUBLICATIONS (TOTAL = 8)	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> , 2024, accepted to 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	

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

SELECTED
COAUTHORED
PUBLICATIONS

Nofi, L., et al. (includes K. Sullivan), *Projected Rotational Velocities and Fundamental 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.
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 2024A
Nickel 1-m/CCD-C2 - 20 nights 2024A
McDonald Observatory
Hobby-Eberly Telescope/LRS2-R - 100 hours 6 trimesters over 2021-2023
NOIRLab/NOAO
Gemini South/GMOS - 2.2 hours 2021B
IRTF/iSHELL - 4 half nights 2019B
KPNO/WIYN 0.9m telescope - 6 nights 2017/2018

SERVICE,
MENTORING, AND
DEI

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
UT Undergraduate Mentor 2019-2023
TAURUS informal Mentor 3 summers

TEACHING

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
Graduate Student Observing Seminar lecturer Feb. 2023
TAURUS/REU Intro Astronomy Seminar developer and lead 2 summers
Undergraduate Python Bootcamp TA 3 summers

PAST AND CURRENT
SUPERVISED
STUDENTS

Hunter Brooks (Northern Arizona University)	Jan. 2022-Feb.2023
Nathanael Burns-Watson (UT REU/CWRU senior thesis/UT grad)	Summer 2023 - present
6 undergraduate small group (UCSC)	Winter/Spring quarters 2024