

## Dr. Kendall Sullivan (they/them)

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CONTACT INFORMATION	ksulliv4@ucsc.edu	kendallsullivan.github.io
EDUCATION	<b>University of Texas at Austin, Austin, TX</b> PhD, Astronomy <i>Revealing Star and Planet Formation With Stellar Multiplicity</i> <b>University of Massachusetts, Amherst, MA</b> B.S., Physics and Astronomy, Cum Laude Commonwealth Honors College Scholar with Great Distinction Departmental Honors in Astronomy	Aug. 2023  Feb. 2018
RESEARCH POSITIONS	<b>University of California, Santa Cruz</b> Postdoctoral Scholar (Supervisor: Prof. Natalie Batalha) <b>University of Texas at Austin</b> PhD student (Thesis advisor: Prof. Adam Kraus) NSF Graduate Research Fellow <b>Northern Arizona University/Lowell Observatory</b> Research Assistant (post-baccalaureate full-time) NSF REU student (Supervisor: Dr. Lisa Prato) <b>University of Massachusetts, Amherst</b> 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	<b>National Science Foundation</b> Graduate Research Fellowship <b>Conference Awards</b> AAS Rodger Doxsey Prize <b>University of Texas at Austin</b> Board of Visitors Second Year Defense Award Dean's Unrestricted Fellowship Astronomy Dept. Recruitment Fellowship	Awarded 2020  Jan. 2023  Awarded 2020 5 years; awarded 2018 2 summers; awarded 2018
FIRST-AUTHOR PUBLICATIONS (TOTAL: 8)	<b>Sullivan, K.</b> , 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> , 2024, accepted to AJ <b>Sullivan, K.</b> , Kraus, A. L., <i>Starspots and Undetected Binary Stars Have Distinct Signatures in Young Stellar Associations</i> , 2024, accepted to ApJ <b>Sullivan, K.</b> , 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 <b>Sullivan, K.</b> , 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 <b>Sullivan, K.</b> , 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 <b>Sullivan, K.</b> and Kraus, A. L., <i>Optical and NIR Excesses Are Correlated In T Tauri Stars</i> , 2022, ApJ, 928, 134 <b>Sullivan, K.</b> and Kraus, A. L., <i>Undetected Binary Stars Cause an Observed Mass Dependent Age Gradient in Upper Scorpius</i> , 2021, ApJ, 912, 137 <b>Sullivan, K.</b> , Prato, L., Edwards, S., et al., <i>Accretion and variability in S Corona Australis and VV Corona Australis</i> , 2019, ApJ, 884, 28	

SELECTED COAUTHORED PUBLICATIONS	<p>Nofi, L., et al. (includes K. Sullivan), <i>Projected Rotational Velocities and Fundamental Properties of Low-Mass Pre-Main Sequence Stars in the Taurus-Auriga Star Forming Region</i>, 2021, ApJ, 911, 138. <b>K.S. contribution:</b> Performed data reduction for sample.</p> <p>Flagg, L., et al. (includes K. Sullivan), <i>CO Detected in CI Tau b: Hot Start Implied by Planet Mass and <math>M_K</math></i>, 2019, ApJ Letters, 878, 37. <b>K.S. contribution:</b> Performed data reduction for spectra.</p>	
SELECTED TALKS	<p>Cool Stars 22 (<b>plenary</b>)</p> <p>Penn State/Center for Exoplanets and Habitable Worlds (<b>invited</b>)</p> <p>Extreme Solar Systems V (<b>plenary</b>)</p> <p>JPL Exoplanet Lunch Seminar (<b>invited</b>)</p> <p>NASA ExoPAG 27 Early Career Symposium</p> <p>University of Hawai'i/IfA (<b>invited</b>)</p>	<p>June 2024</p> <p>April 2024</p> <p>March 2024</p> <p>Feb. 2023</p> <p>Jan. 2023</p> <p>Sept. 2022</p>
PI OBSERVING PROGRAMS	<p><b>Lick Observatory</b></p> <p>Shane 3-m/ShaneAO + ShARCS - 5 nights</p> <p>Nickel 1-m/CCD-C2 - 20 nights</p> <p><b>McDonald Observatory</b></p> <p>Hobby-Eberly Telescope/LRS2-R - 100 hours</p> <p><b>NOIRLab/NOAO</b></p> <p>Gemini South/GMOS - 2.2 hours</p> <p>IRTF/iSHELL - 4 half nights</p> <p>KPNO/WIYN 0.9m telescope - 6 nights</p>	<p>2024A</p> <p>2024A</p> <p>6 trimesters over 2021-2023</p> <p>2021B</p> <p>2019B</p> <p>2017/2018</p>
SERVICE, MENTORING, AND DEI	<p><b>AAS Journals; Astronomy &amp; Astrophysics</b></p> <p>Reviewer</p> <p><b>NASA</b></p> <p>ExoPAG SIG2 on Exoplanet Demographics</p> <p>Grant review panel Executive Secretary</p> <p><b>University of California Santa Cruz</b></p> <p>Graduate-Postdoc Mentoring Program lead</p> <p><b>University of Texas at Austin</b></p> <p>Graduate-Undergraduate Mentoring Program co-lead</p> <p>TAURUS/REU weekly seminar lead organizer</p> <p>Graduate Student Assembly Representative</p> <p>Dean's Council Representative</p>	<p>2023-present</p> <p>2023-present</p> <p>2 years</p> <p>2023-present</p> <p>2021-2023</p> <p>2 summers</p> <p>2021-2022</p> <p>2021-2022</p>
TEACHING	<p><b>University of California Santa Cruz</b></p> <p>ASTR 9 (Introduction to Research) group leader</p> <p>ASTR 19 (Introduction to Python) guest lecturer</p> <p><b>University of Texas at Austin</b></p> <p>Graduate Student Observing Seminar lecturer</p> <p>TAURUS/REU Intro Astronomy Seminar developer and lead</p>	<p>Winter/Spring 2024</p> <p>Feb. 2024</p> <p>Feb. 2023</p> <p>2 summers</p>
PAST AND CURRENT SUPERVISED STUDENTS	<p>Hunter Brooks (Northern Arizona University)</p> <p>Nathanael Burns-Watson (UT REU; CWRU senior thesis; UT grad)</p> <p>6 student small group (UCSC)</p> <p>M Clark (UCSC Lamat; University of Wisconsin Madison)</p>	<p>Jan. 2022-Feb.2023</p> <p>Summer 2023 - present</p> <p>Winter/Spring 2024</p> <p>Summer 2024</p>