

Kendall Sullivan

CONTACT INFORMATION

kendallsullivan@utexas.edu

(781) 879-7522

kendallsullivan.github.io

EDUCATION

University of Texas at Austin, Austin, TX

PhD Candidate, Advisor: Prof. Adam Kraus

NSF Graduate Research Fellow

Aug. 2018 - Present

Awarded 2020

University of Massachusetts, Amherst, MA

B.S. Physics and Astronomy, Cum Laude

Commonwealth Honors College Scholar with Great Distinction

Departmental Honors in Astronomy

Aug. 2014 - Feb. 2018

Honors Thesis: *S and VV Corona Australis: Two Extreme Young Binary Systems*

Advisors: Dr. Lisa Prato (Lowell Observatory) and Professor Suzan Edwards (Smith College)

PUBLICATIONS; H-INDEX = 3

Sullivan, K., and Kraus, A.L., *Revising Properties of Planet-host Binary Stars II.: Earth Analog Planets*, in prep

Sullivan, K., Kraus, A.L., and Mann, A.W., *Revising Properties of Planet-host Binary Stars I.: Methods and Pilot Study*, 2022, in review

Sullivan, K. and Kraus, A.L., *Optical and NIR Excesses Are Correlated In T Tauri Stars*, 2022, ApJ, 928, 134

Sullivan, K. and Kraus, A.L., *Undetected Binary Stars Cause an Observed Mass Dependent Age Gradient in Upper Scorpius*, 2021, ApJ, 912, 137

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

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

Irwin, J., et al. (includes K. Sullivan), *CHANG-ES - VIII. Uncovering hidden AGN activity in radio polarization*, 2017, MNRAS, 464, 2, 1333-1346

SERVICE AND MENTORING

Graduate-Undergraduate Mentoring Program co-lead

TAURUS/REU weekly seminar lead organizer

Graduate Student Assembly Representative

Dean's Council Representative

Graduate Student Departmental Reform Committee

UT Undergraduate Mentor

TAURUS Mentor

Fall 2021-present

2021-present

2021-2022

2021-2022

2020-2021

2019-present

2019, 2021

FELLOWSHIPS AND AWARDS

National Science Foundation

Graduate Research Fellowship

Awarded 2020

University of Texas at Austin

Board of Visitors 2nd Year Defense Award

Awarded 2020

Dean's Unrestricted Fellowship

Awarded 2018

Astronomy Dept. Recruitment Fellowship

2 summers; awarded 2018

University of Massachusetts, Amherst

Honors College Research Fellowship

Fall 2016

David. J. Van Blerkom Research Fellowship in Astronomy

Summer 2016

PI OBSERVING EXPERIENCE

McDonald Observatory

Hobby-Eberly Telescope/LRS2-R - 32.3 h

2021-2+3; 2022-2

	NOIRLab/NOAO	
	Gemini South/GMOS - 2.2 hours	2021B
	IRTF/iSHELL - 4 half nights	2019B
	KPNO/WIYN 0.9m telescope - 5 nights	2017/2018
TEACHING AND OUTREACH	University of Texas at Austin	
	TAURUS/REU Intro Astronomy Seminar lead	Summer 2021,2022
	Undergraduate Python Bootcamp TA	Summer 2019, 2021, 2022
	University of Massachusetts Learning Resource Center	
	Peer Tutor/Tutor Peer Mentor	Sept 2015 - December 2017
	Five College Astronomy Club	
	President	May 2017 - December 2017
	Diversity coordinator	Sept 2016 - May 2017
	Orchard Hill Observatory	
	Assistant Director	May 2017 - December 2017
STUDENTS SUPERVISED	Hunter Brooks (Northern Arizona University; co-supervised)	Jan. 2022-present