

Research Interests	Hot Jupiters – formation and evolution Exoplanet discovery and statistics Planetary dynamics	
Education	Princeton University Ph.D., Astrophysics (<i>expected 2023</i>); M.Sc., Astrophysics Advisor: Josh Winn Princeton, NJ 09/2018 – present	
	California Institute of Technology B.S., Physics and Geological and Planetary Sciences (Minor) Pasadena, CA 09/2014 - 06/2018	
Awards	Princeton University Centennial Fellowship George W. Housner Prize for Academic Excellence and Original Research Best Poster, Know Thy Star Conference	2018 – 2023 2018 2017
Publications [ADS]	First Author <ol style="list-style-type: none"> Yee, S. W., Winn, J., Hartman, J., et al. <i>The TESS Grand Unified Hot Jupiter Survey II. Twenty TESS Planets</i>. in prep (2022). Yee, S. W., Winn, J., Hartman, J., et al. <i>The TESS Grand Unified Hot Jupiter Survey I. Ten TESS Planets</i>. AJ, 164, 70 (2022). Yee, S. W., Winn, J., Hartman, J. <i>How Complete Are Surveys for Nearby Transiting Hot Jupiters?</i> AJ, 162, 240 (2021). Yee, S. W., Tamayo, D., Hadden, S. & Winn, J. <i>How Close are Compact Multi-Planet Systems to the Stability Limit?</i> AJ, 162, 55 (2021). Yee, S. W., Winn, J., et al. <i>The Orbit of WASP-12b is Decaying</i>. ApJL, 888, L5 (2020). Yee, S. W., Petigura, E., et al. <i>HAT-P-11: Discovery of a Second Planet and a Clue to Understanding Exoplanet Obliquities</i>. AJ, 155, 255 (2018). Yee, S. W., Petigura, E. & von Braun, K. <i>Precision Stellar Characterization of FGKM Stars using an Empirical Spectral Library</i>. ApJ, 836, 77 (2017). Contributing Author <ol style="list-style-type: none"> Essack, Z. E. et al., incl. Yee, S. W. <i>TOI-1075 b: A Dense, Massive, Ultra-Short Period Hot Super-Earth Straddling the Radius Gap</i>. AJ, submitted (2022). Petigura, E. et al., incl Yee, S. W. <i>Planet Candidates from K2 Campaigns 5-8 and Follow-up Optical Spectroscopy</i>. AJ, 155, 21 (2018). 	
Observing Proposals	The TESS Grand Unified Hot Jupiter Survey (PI) CTIO1.5m/CHIRON – 6.3 nights (NOAO); MINERVA-Australis – 1.5 nights (NOAO); WIYN/NEID – 2.8 nights (NOAO); Keck I/HIRES – 1.5 nights (NASA); Magellan/PFS – 2 nights (Princeton)	2022B
	The TESS Grand Unified Hot Jupiter Survey (PI) CTIO1.5m/CHIRON – 5.9 nights (NOAO); MINERVA-Australis – 1.5 nights (NOAO); WIYN/NEID – 2.3 nights (NOAO); Keck I/HIRES – 1.5 nights (NOAO); Magellan/PFS – 2 nights (Princeton)	2022A

	The TESS Grand Unified Hot Jupiter Survey (PI)	2021B
	CTIO1.5m/CHIRON – 5 nights (NOAO); WIYN/NEID – 2 nights (NOAO); Keck I/HIRES – 0.5 nights (NOAO); Magellan/PFS – 2 nights (Princeton)	
Presentations	ERES VI, State College (<i>contributed talk</i>)	Aug 2022
	Exoplanets IV, Las Vegas (<i>contributed plenary session talk</i>)	May 2022
	Yale Exoplanets and Stars Seminar (<i>invited seminar</i>)	Apr 2022
	AAS Division of Dynamical Astronomy Meeting 52, online (<i>contributed talk</i>)	May 2021
	AAS General Meeting 235, Honolulu (<i>poster</i>)	Jan 2020
	Exoplanets & Planet Formation, Shanghai (<i>poster</i>)	Dec 2017
	Know thy Star, Pasadena (<i>poster</i>)	Sep 2017
Teaching	Assistant in Instruction	Princeton
	<i>AST 205, Planets in the Universe</i>	Sep 2019 – Jan 2020
	Teaching Assistant	Caltech
	<i>Ph 12c, Statistical Mechanics</i>	Mar 2018 – Jun 2018
	<i>Ph 12b, Quantum Mechanics</i>	Jan 2018 – Mar 2018
	Peer Tutor	Caltech, 2016 – 2018
Professional Activities	Virtual Organizing Committee, <i>Emerging Researchers in Exoplanet Science (ERES) V</i>	2021
	Referee, <i>AAS Journals</i> , <i>Monthly Notices of the Royal Astronomical Society</i>	
Code	Bhatti, W., Bouma, L., & Yee, S. W. <i>cdips-pipeline: difference-imaging photometry pipeline</i> Yee, S. W. , Petigura, E., von Braun, K. <i>SpecMatch-Emp: stellar characterization using an empirical spectral library</i>	
Outreach & Service	<i>Princeton Public Observing</i> : Organized and hosted members of the public at observing events using the Princeton department telescope, giving talks and answering questions. <i>Graduate Student Mentorship Program</i> , Princeton University	