

Jessica Schonhut-Stasik

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EDUCATION	PhD , Astronomy, Vanderbilt University, TN (remote)	Current	
	M.Sc , Astronomy, University of Hawai'i (Manoa), HI	2019	
	B.Sc (Year 3) , Astrophysics, Open University, HI (remote) <i>summa cum laude</i>	2017	
	B.Sc (Years 1 and 2) , Astrophysics, University of Hertfordshire, UK <i>summa cum laude</i>	2015	
POSITIONS	Graduate Student Vanderbilt University, Nashville, TN	Jan 2021 - Present	
	Student Researcher Vanderbilt University, Nashville, TN	Sep 2020 - Jan 2021	
	Telescope System Specialist and Web Designer UKIRT Observatory, Hilo, HI	Dec 2019 - Present	
	Science Intern Gemini Observatory, Hilo, HI	Nov 2019 - Sep 2020	
	Website Designer Canada-France-Hawaii Telescope, Waimea, HI	Aug 2019 - Present	
	Astronomy Researcher Institute for Astronomy, University of Hawai'i, (Hilo), HI	Aug 2019 - Nov 2019	
	Graduate Student Institute for Astronomy, University of Hawai'i (Manoa), HI	Aug 2017 - Aug 2019	
	Internship in Astronomy Research Institute for Astronomy, Hilo, HI	2015 - 2017	
	Virtual Reality Engineer - Internship BAE, Bristol, Gloucestershire, UK	Summer 2015	
	Founder and Inaugural Chairperson Physics Society, University of Hertfordshire, UK	2014 - 2015	
	Process Engineer/Statistician - Internship Xerox Campus, Hertfordshire, UK	Summer 2014	
	GRANTS, AWARDS AND MEMBERSHIPS	NISE Fellowship (<i>PhD Fellowship</i>)	2021
		IfA Outreach Award (\$250)	2019
		<i>For my work in the local community.</i> HI STARS Stipend (\$500)	2018
		<i>For acknowledgement of my work with the HI STARS program.</i> Dai Ho Chun Award (\$1900)	2018
Graduate Student Organization Grant (\$600)		2018	
Graduate Student Organization Grant (\$600)		2017	
Undergraduate Woman of the Year Award (Shortlisted to Top 15)		2015	
Institute of Physics (\$1,000)		2015	
University of Hertfordshire Student Union (2 x \$500) <i>Funds for establishing the Physics Society at the University of Hertfordshire.</i>		2015	
University of Hertfordshire Volunteer Award		2015	
Sigma Xi		2018 - Present	
Fellow of the Royal Astronomical Society		2014 - Present	
Student Member of the Institute of Physics		2014 - 2016	
PUBLICATIONS	First-Author <i>H-Index = 2; Citations = 11</i>		

3. "Could M Dwarf Companions be the Real Culprits in the G Dwarf Flaring Mystery?" Schonhut-Stasik, J. Van Saders, J. Stassun, K. (in prep.)

2. “Robo-AO Kepler Asteroseismic Survey. II. Do Stellar Companions Inhibit Stellar Oscillations?” Schonhut-Stasik, J. Huber, D. Baranec, C. Lamman, C. Salama, M. Jensen-Clem, R. Duev, D. A. Riddle, R. Kulkarni, S. R. Law, N. M. 2020, The Astrophysical Journal, 888, 1.
1. “Robo-AO Kepler Asteroseismic Survey. I. Adaptive Optics Imaging of 99 Asteroseismic Kepler Dwarfs and Subgiants.” Schonhut-Stasik, J. Baranec, C. Huber, D. Ziegler, C. Atkinson, D. Gaidos, E. Law, N. M. Riddle, R. Hagelberg, J. van der Marel, N. Hodapp, K. 2017. The Astrophysical Journal, 847, 2.

Other Publications

3. “Robo-AO M Dwarf Multiplicity Survey: Catalog.” Lamman, C. Baranec, C. Berta-Thompson, Z. K. Law, N. M. **Schonhut-Stasik, J.** Ziegler, C. Salama, M. Jensen-Clem, R. Duev, D. A. Riddle, R. Kulkarni, S. R. Winters, J. G. Irwin, J. M. 2020, The Astrophysical Journal, 159, 4.
2. “Robo-AO M Dwarf Multiplicity Survey.” Lamman, C. Baranec, C. Berta-Thompson, Z. K. Law, N. M. Ziegler, C. **Schonhut-Stasik, J.** 2018, AAS Meeting #232.
1. “Robo-AO Kepler Planetary Candidate Survey. II. Adaptive Optics Imaging of 969 Kepler Exoplanet Candidate Host Stars.” Baranec, C. Ziegler, C. Law, N. M. Morton, T. Riddle, R. Atkinson, D. **Schonhut, J.** Crepp, J. The Astronomical Journal, 152, 1.

TEACHING

Courses Taught Based on Original Curriculum

<i>Computational Physics and Astronomy Lab</i>	Spring 2021
University of Hawai'i (Hilo), HI.	
<i>Python Basics</i>	Summer 2018
HISTARS Summer Program, HI.	

Teaching Assistant

<i>Astro 110</i>	Summer 2020
Remote with Honokaa High School, HI.	
<i>Astro 110</i>	Spring 2020
Remote with Manoa Academy, HI.	

INDIVIDUAL STUDENTS

<i>Angelu Ramos</i> , Undergraduate. Vanderbilt Summer Internship.	2021
<i>Hannah Blue</i> , Undergraduate. Optics Project.	2021
<i>Kimberly Miskovetz</i> , Undergraduate. Directed Studies Module. Co-advised with Trent Dupuy.	Spring 2020
<i>Claire Lamman</i> , Undergraduate. REU Program. Co-advised with Christoph Baranec.	Summer 2017
<i>Julia Cordeiro</i> , High School Senior. Science Fair.	2020
<i>Sydney Kim</i> , High School Senior. Science Fair and PSS.	2017 - 2019
<i>Faith Sullivan</i> . High School Senior. Science Fair.	2018 - 2019
<i>Xavier Tailbit</i> . High School Senior. Science Fair.	2016 - 2019

CONFERENCES

<i>Breakout Room Moderator</i> , Microsoft Autism at Work, Virtual	2021
<i>Attendee</i> , Women in Data Science, Vanderbilt (Virtual)	2021
<i>Attendee</i> , APS-IDEAS Conference, Virtual	2021
<i>Attendee</i> , ELSI 2021 Symposium - Science in Society, Virtual	2021
<i>Attendee</i> , AAS Meeting, Virtual	2021
<i>Attendee</i> , AAS Meeting, Honolulu, HI	2020
<i>Presenter</i> , Low-Mass Meeting, Hilo, HI	2019
<i>Panel Speaker</i> , Future Focus 2, Honolulu, HI	2017
<i>Attendee</i> , Extreme Solar Systems 3, Kona, HI	2015

	<i>Attendee</i> , National Student Space Conference, Surrey, UK	2015
	<i>Attendee</i> , UKSEDS Asteroid Workshop, Oxford, UK	2015
	<i>Poster Presenter</i> , South Each Physics Network Expo, London, UK	2014
WORKSHOPS	<i>Attendee</i> , NISE Seminar - Affective Computing (Virtual)	2021
	<i>Attendee</i> , Writing Workshops, Vanderbilt (Virtual)	2021
	<i>Attendee</i> , DSI Computer Science Workshops, Vanderbilt (Virtual)	2021
	<i>Attendee</i> , MkPy Python Workshop, Hilo, HI	2017
DIVERSITY, INCLUSION AND NEURODI- VERSITY	<i>NISE Summer Internship</i> , South Coast Research Center (Irvine, CA)	2021 <i>Attendee</i> ,
	INSAR Institute Series: Autism and Intersectionality (Virtual)	2021
	<i>Committee Member</i> , APS-IDEAS Group - Vanderbilt (Virtual)	2021
	<i>Organiser</i> , IfA Women's Lunch, Hilo/Manoa, HI	2017 - 2019
PUBLIC ENGAGEMENT	<i>Skype a Scientists</i> , Skype a Scientist Program, California, Virtual	2021
	<i>Skype a Scientists</i> , Skype a Scientist Program, Mumbai, Virtual	2020
	<i>Podcast Guest</i> , Starts with a Band Podcast, Virtual, HI	2020
	<i>Film-Maker and Presenter</i> , Manoa Academy, Virtual, HI	2020
	<i>Outreach Ambassador</i> , MKO@Home, Virtual, HI	2020
	<i>Manoa Academy Tutor</i> , Manoa Academy, HI	2020
	<i>Activity Supervisor</i> , He'e Fair, Hilo, HI	2019
	<i>Activity Supervisor</i> , IfA Open House, Manoa, HI	2019
	<i>Activity Supervisor</i> , IfA Student Visits, Hilo, HI	2018 - 2019
	<i>REU and Akamai Supporting Mentor</i> , Hilo, HI	2018 - 2019
	<i>Symposium Mentor</i> , Hilo, HI	2018
	<i>Mentor</i> , HISTARS, Maui, HI	2018
	<i>Activity Supervisor</i> , Astrobash, Waimea, HI	2018
	<i>Activity Supervisor</i> , Solar System Walk, Waimea, HI	2017 - Present
	<i>Mentor</i> , Maunkea Scholars, Hilo, HI	2016 - Present
	<i>Judge</i> , VEX Robotics District Finals, Hilo, HI	2016
	<i>Mentor</i> , Science Fair, Hilo, HI	2015 - Present
	<i>Workshop Leader</i> , Onizuka Day, Hilo, HI	2015
	<i>Activity Supervisor</i> , AstroDay, Hilo and Kona, HI	2015 - Present
	<i>Judge</i> , Science Fair, Hilo, HI	2015 - 2016
	<i>Classroom Workshop Leader</i> , Journey Through the Universe, Hilo, HI	2015
	<i>Activity Supervisor</i> , Kealakehe Elementary Science Night, HI	2015
	<i>Astrophysics Ambassador</i> , Hertfordshire, UK	2014
	<i>STEM Ambassador</i> , Hertfordshire, UK	2013 - 2015
	<i>Planetarium Demonstrator</i> , Bayfordbury Observatory Outreach	
	Assistant, Bayfordbury, UK	2013 - 2015
	<i>Chairperson and Founder</i> , PhySoc Physics Society	
	Hertfordshire, UK	2013 - 2015

OTHER SKILLS

COMPUTER SKILLS: *Proficient Languages:* Python, L^AT_EX. I also have experience building websites with a combination of WordPress and GoDaddy.
Other Languages: SQL, Matlab, LABVIEW.
Applications: Vi/Vim, Git, Unreal Engine, GameMaker Studio, Photoshop, Logic Pro, Quantum XL and Weibull ++. APT, Maxim DL, DS9, Premiere Pro.
Operating Systems: Linux, Mac OSX, Windows.

PRESENTATIONS: AJC (April 2021) 699-1 Masters Project talk, 699-2 Masters Project talk, bi-semester talks at Stars and Planets lunch, Low-Mass Meeting (December 2019). Recording available on request.