

Samuel K. Grunblatt

CONTACT INFORMATION	2680 Woodlawn Drive, Office B-101 Honolulu, HI 96822 www.ifa.hawaii.edu/users/skg	845-430-4603 skg3@hawaii.edu
EMPLOYMENT	American Museum of Natural History , New York, NY Kalbfleisch Fellow, Department of Astrophysics, 2019–2022 Flatiron Institute, Simons Foundation , New York, NY Guest Researcher, Center for Computational Astrophysics, 2019–2022	
EDUCATION	University of Hawaii–Manoa , Honolulu, HI Ph.D., Astronomy, August 2019 Thesis Topic: <i>Giant Planets Transiting Giant Stars</i> Advisor: Daniel Huber Columbia University , New York, NY B.A., Astrophysics, May 2013	
FIRST AUTHOR REFEREED JOURNAL PUBLICATIONS	<ol style="list-style-type: none">1. Grunblatt, S., Huber, D., Gaidos, E., Hon, M., Zinn, J., et al. “Giant planet occurrence within 0.2 AU of low-luminosity red giant branch stars with K2,” <i>ApJ</i>, <i>in review</i>.2. Grunblatt, S., Huber, D., Gaidos, E., Lopez, E., Barclay, T., et al. “Do close-in giant planets orbiting evolved stars prefer eccentric orbits?,” <i>ApJL</i>, 861, L5, 2018.3. Grunblatt, S., Huber, D., Gaidos, E., Lopez, E., Howard, A., et al. “Seeing double with K2: Testing re-inflation with two remarkably similar planets around red giant branch stars,” <i>AJ</i>, 154, 254, 2017.4. Grunblatt, S., Huber, D., Gaidos, E., Lopez, E., Fulton, B., et al. “K2-97b: A (Re-?)Inflated Planet Orbiting a Red Giant Star,” <i>AJ</i>, 152, 185, 2016.5. Grunblatt, S., Howard, A., & Haywood, R. “Determining the Mass of Kepler-78b With Nonparametric Gaussian Process Estimation,” <i>ApJ</i>, 808, 127, 2015.	
CO-AUTHOR REFEREED JOURNAL PUBLICATIONS	<ol style="list-style-type: none">1. Huber, D., Chaplin, W. J.; Chontos, A., Kjeldsen, H., Christensen-Dalsgaard, J., et al. including Grunblatt, S. “A hot Saturn orbiting an oscillating late subgiant discovered by TESS”, <i>AJ</i>, 157, 245, 2019.2. White, T. R., Huber, D., Mann, A. W., Casagrande, L., Grunblatt, S. K., et al. “Interferometric diameters of five evolved intermediate-mass planet-hosting stars measured with PAVO at the CHARA Array,” <i>MNRAS</i>, 447, 4, 2018.3. North, T., Campante, T., Miglio, A., Davies, G., Grunblatt, S., et al. “Weighing in on the masses of retired A stars with asteroseismology. Kepler and K2 observations of exoplanet hosts,” <i>MNRAS</i>, 472, 1866, 2017.4. Fulton, J., Howard, A., Weiss, L., Sinukoff, E., Petigura, E., et al. including Grunblatt, S. “Three Temperate Neptunes Orbiting Nearby Stars,” <i>ApJ</i>, 830, 46, 2016.5. Younes, G., Kouveliotou, C., van der Horst, A.J., Baring, M. G., Granot, J. et al. including Grunblatt, S. “Time resolved spectroscopy of SGR J1550-5418 bursts detected with Fermi/GBM,” <i>ApJ</i>, 785, 52, 2014.	

GRANTS & AWARDS	Planetary Archaeology:..., <i>TESS</i> Space Telescope, \$50,000, Science PI	Jun 2019
	A Search for Giants Orbiting Giants With K2, Keck I/HIRES, 7n, PI	2016–2019
	A Search for Giants Orbiting Giants With K2, UH88/SNIFS, 21n, PI	2016–2019
	Giants Orbiting Giants:..., <i>Kepler</i> Space Telescope, 10000+ targets, Co-I	2016–2019
	A Search for Giants Orbiting Giants With K2, IRTF/SpeX, 9n, PI	2016–2018
	Compositions and Architectures of Planets Orbiting..., Keck I/HIRES, 6n, Co-I	2018
	Paving the Way for Galactic Archeology..., CHARA/PAVO, 7n, Co-I	2018
	UH–Manoa Student Excellence in Research Award, Honolulu, HI	Apr 2018
	Measuring Precise Radii of Giants..., NASA Spitzer Space Telescope, 37.4h, PI	2017
INVITED CONFERENCE TALKS AND SEMINARS	AMNH Astrophysics Dept. Seminar, New York, NY	Oct 2019
	NYU CCPP Seminar, New York, NY	Sep 2019
	Harvard-Smithsonian CfA Stars & Planets Seminar, Cambridge, MA	Nov 2018
	Yale Astronomy Postdoctoral Fellows Seminar Series, New Haven, CT	Nov 2018
	Pennsylvania State University CEHW Seminar, State College, PA	Nov 2018
	University of Tokyo Astronomy Department, Tokyo, Japan	Mar 2018
	Center for Computational Astrophysics, New York, NY	Feb 2018
SELECTED PRESS	“When Giant Planes Orbit Evolved Stars,” AAS Nova	Jul 2018
	“How Old Stars Make Hot Jupiter Exoplanets So Huge,” IB Times	Nov 2017
	“Puffed-up exoplanets inflate with heat from their stars alone,” New Scientist	Sep 2016
	“New Step Toward Finding Earth 2.0,” EOS	Jan 2016
TEACHING AND MENTORING EXPERIENCE	Mentor in State, National, and International Science and Engineering Fairs	Aug 2017–
	S. Yoshida (grade 10)–2nd Place, Phys. and Ast., ISEF (\$1500 award)	May 2019
	T. Keohokapu (grade 11/12)–State Finalist	Feb 2018/9
	J. Vaughan (grade 10)–State Finalist, 3rd Best in Show	Feb 2018
	Mentor, Junior Science and Humanities Symposium	Aug 2017–
	S. Yoshida (grade 10)–2nd Place, Physical Sciences (\$9500 scholarship)	Apr 2019
	Curriculum Designer, UH–Manoa	Fall 2015/6
PROFESSIONAL SERVICE	Journal Referee for <i>Astrophysical Journal Letters</i> , <i>Astronomy & Astrophysics</i>	2016–
	Time Allocation Committee, Institute for Astronomy	2017–2018
	American Astronomical Society Member	2015–
REFERENCES	Daniel Huber	
	Assistant Astronomer (faculty)	Phone: 808-956-8573
	Institute for Astronomy	E-mail: huberd@hawaii.edu
	University of Hawaii–Manoa	
	Eric Gaidos	
	Professor	Phone: 808-956-7897
	Department of Geology and Geophysics	E-mail: gaidos@hawaii.edu
	University of Hawaii–Manoa	
	Andrew Howard	
	Professor of Astronomy	Phone: 626-395-8747
	Department of Astronomy	E-mail: ahoward@caltech.edu
	California Institute of Technology	