

Jennifer Burt

Employment

- 2021–present **EPRV Investigation Scientist**, JET PROPULSION LABORATORY, Pasadena, CA.
Working with the Exoplanet Exploration Program Office to support the development of Extreme Precision RV science capabilities in the 2020s.
- 2019–2021 **ExEP Postdoctoral Researcher**, JET PROPULSION LABORATORY, Pasadena, CA.
Carried out precise RV follow up of small planets detected by NASA's TESS mission and helped to develop the NASA/NSF Extreme Precision RV Working Group final report
- 2016–2019 **Torres Postdoctoral Fellow**, MIT KAVLI INSTITUTE FOR ASTROPHYSICS AND SPACE RESEARCH, Cambridge, MA.
Developed optimized radial velocity follow up observing strategies for transiting planets detected by NASA's TESS mission.
- 2010–2016 **Graduate Research Assistant**, ASTRONOMY & ASTROPHYSICS DEPARTMENT, University of California, Santa Cruz.
Lead observer on the Automated Planet Finder telescope, developed the telescope's dynamic scheduler, designed science observing strategies for exoplanet detection and characterization.
- 2008–2010 **Undergraduate Researcher**, ASTRONOMY DEPARTMENT, Cornell University.
Characterized the inclination and heliotropic behavior of Saturn's 'Charming' Ringlet.

Education

- 2016 **Doctor of Philosophy**, *University of California, Santa Cruz*.
Astronomy & Astrophysics, Advisors: Greg Laughlin, Steve Vogt
- 2013 **Masters of Science**, *University of California, Santa Cruz*.
Astronomy & Astrophysics
- 2010 **Bachelor of Arts**, *Cornell University, Ithaca, NY*.
Astronomy, Advisor: Joseph Burns, Matt Hedman

Awards

- 2020 JPL STRATEGIC UNDERGRADUATE RESEARCH PARTNERSHIP AWARD
- 2020 TESS GUEST OBSERVER PROGRAM G03272
- 2019 EXEP POSTDOCTORAL FELLOWSHIP
- 2016 TORRES POSTDOCTORAL FELLOWSHIP
- 2015 ARCS FOUNDATION SCHOLAR
- 2015 UC SANTA CRUZ LEADERSHIP ACADEMY
- 2014 SECOND PLACE, FAMELAB USA REGIONAL SCIENCE COMMUNICATION COMPETITION
- 2011 EXCELLENCE IN TEACHING AWARD, UCSC DEPT OF ASTRONOMY & ASTROPHYSICS
- 2011 CRANSON W. AND EDNA B. SHELLEY AWARD FOR OUTSTANDING ACCOMPLISHMENT IN UNDERGRADUATE ASTRONOMICAL RESEARCH

Media/Science Communication & Public Lectures

- 2019 'THE FUTURE OF EXOPLANET RESEARCH: TECHNIQUES', Kavli Exoplanet Futures Symposium
- 2019 'FROM THE MOON LANDING TO EXOPLANETS: SEARCHING FOR NEW WORLDS AROUND OUR CLOSEST STELLAR NEIGHBORS', Newton Public Library
- 2019 'THE SCIENCE BEHIND NASA'S TESS MISSION', NewTV Innovation Showcase
- 2019 'EXOPLANET RESEARCH', NewTV Books and Beyond

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- 2019 'HI NEIGHBOR! EXOPLANET DISCOVERIES BY NASA'S TESS', SxSW
- 2018 'DISCOVERING NEW WORLDS WITH TESS', Amateur Telescope Makers of Boston Club
- 2018 'TESS SOCIAL BRIEFING', Kennedy Space Center
- 2018 'TESS LIVE SHOT', NASA Goddard
- 2018 'NASA'S TRANSITING EXOPLANET SURVEY SATELLITE', Boise State University First Friday Lecture
- 2017 'WHAT IF THERE IS LIFE IN SPACE?', WGBH: BostonTalks
- 2017 'SEARCHING FOR PLANETS WITH AN AUTOMATED TELESCOPE', Stellafane Convention: Harness House Workshop
- 2017 'OUR STRANGE PLACE IN THE GALAXY', MIT Museum Teen Science Cafe
- 2016 'STRANGE NEW WORLDS', Astronomy on Tap Boston
- 2014 'DETECTING NEW WORLDS AT LICK OBSERVATORY', Full Moon Astronomy Night at Henry Cowell Redwoods State Park

Invited Colloquia and Seminar Talks

- 2021 'CHASING TESS PLANET CANDIDATES WITH BRIGHT FUTURES', UCLA Astronomy Colloquium
- 2021 'ADVANCING TESS' LEVEL ONE SCIENCE GOAL WITH PRECISION RV MASS MEASUREMENTS', Penn State CEHW Colloquium
- 2021 'THE EXTREME PRECISION RADIAL VELOCITY INITIATIVE WORKING GROUP ', JPL Exoplanet Science Initiative Colloquium
- 2020 'ADVANCING TESS' LEVEL ONE SCIENCE GOAL WITH PRECISION RV MASS MEASUREMENTS', IPAC Colloquium
- 2018 'SIMULATED RV TESS FOLLOW UP AND EVIDENCE OF A MASS MEASUREMENT BIAS', Carnegie Department of Terrestrial Magnetism
- 2018 'EXOPLANET MASS MEASUREMENTS IN THE AGE OF TESS ', Boise State University Physics colloquium
- 2017 'SIMULATED RV TESS FOLLOW UP AND EVIDENCE OF A MASS MEASUREMENT BIAS', Carnegie Observatories colloquium
- 2017 'DESIGNING OPTIMAL EXOPLANET MASS MEASUREMENT SURVEYS IN THE ERA OF TESS', JPL colloquium
- 2017 'A NEW APPROACH TO RADIAL VELOCITY MEASUREMENTS OF EXOPLANET MASSES USING THE APF TELESCOPE', MIT PICS seminar
- 2016 'GETTING OUR PRIORITIES IN ORDER: A NEW APPROACH TO AUTOMATED RV OBSERVING', Princeton exoplanet lunch seminar

Conference Presentations

Invited

- 2020 'STRATEGIES FOR MITIGATING STELLAR VARIABILITY', Sagan Summer Workshop 2020
- 2020 'EPRV INITIATIVE REPORT SUMMARY', ExoPAG 22
- 2019 'RADIAL VELOCITIES IN THE 2020s', Extreme Solar Systems IV
- 2019 'THE USES OF ARCHIVAL RADIAL VELOCITIES FOR CHARACTERIZING LONG PERIOD TESS PLANETS', TESS Science Conference
- 2018 'TESS: AN (ALMOST) ALL SKY EXOPLANET MISSION', Astrophysics with the SPHEREX all-sky spectral survey II: SPHEREX synergies
- 2017 ORGANIZER, MULTI-DAY WORKSHOP ON 'RADIAL VELOCITY OBSERVATIONAL STRATEGIES', EPRV III

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- 2017 ‘TESS SCIENCE AND FOLLOW UP IN THE SOUTHERN HEMISPHERE’, IAU 339S: Southern Horizons in Time Domain Astronomy
- 2017 ‘THE TESS MISSION AND SYNERGIES WITH SOAR’, UNC Chapel Hill
- 2017 ‘TESS SCIENCE PREVIEW’, 229th AAS Meeting Splinter: Science Opportunities with the NASA K2 and TESS Missions

Contributed

- 2020 ‘THE NASA / NSF EXTREME PRECISION RADIAL VELOCITY INITIATIVE’, AAS Summer 2020
- 2016 ‘TWO NEW SUB-NEPTUNE PLANETS DETECTED BY TESS’, AAS Winter 2020
- 2018 ‘TACKLING THE PROBLEM OF STELLAR JITTER & ACTIVITY WITH SIMULTANEOUS PRECISE RV AND SPACE PHOTOMETRY’, High Resolution Spectroscopy for Exoplanet atmospheres
- 2017 ‘NEW PRIORITIZATION SCHEMES FOR RV FOLLOW UP OF TESS PLANETS’, EPRV III
- 2017 ‘PRECISION RV MEASUREMENTS OF PREDICTED TESS PLANETS WITH THE AUTOMATED PLANET FINDER TELESCOPE’, Precision Spectroscopy: Towards Earth 2.0
- 2016 ‘THE AUTOMATED PLANET FINDER’S AUTOMATION & FIRST TWO YEARS OF SCIENCE’, AAS Winter 2016
- 2015 ‘THE AUTOMATED PLANET FINDER’S DETECTION OF A 6-PLANET SYSTEM ORBITING THE BRIGHT, NEARBY STAR HD219134’, Extreme Solar Systems III
- 2014 ‘ACHIEVING AUTONOMOUS DATA FLOW OF THE AUTOMATED PLANET FINDER (APF)’, SPIE 2014
- 2010 ‘DYNAMICAL ANALYSIS OF THE HELIOTROPIC CHARMING RINGLET IN SATURN’S CASSINI DIVISION’, American Astronomical Society, DDA meeting # 41

Teaching Experience

- 2014-2016 Instructor, AY205: UCSC graduate student teacher training course
- 2013-2014 UCSC Summer Internship Program research bootcamp for high school students
- 2013 Instructor AY2: UCSC undergraduate overview of the universe summer course
- 2010-2013 Teaching assistant in UCSC Astronomy & Astrophysics department
- 2010-2011 Team lead/instructor in the Institute for Scientist and Engineer Educators’ Professional Development Program

Student Advising

- 2021-present Co-advised Dartmouth and UCLA undergraduates Abby Burrows and Tamar Ervin on using NEID solar RVs to study stellar variability
- 2021-present Advised Univ. of Florida College undergraduate Emma Nabbie on stellar SED fitting to refine the radii of TESS planet candidate host stars
- 2020-present Advised Whitman College undergraduate Katherine Lalotus on RV characterization of promising LUVOR/HabEx targets
- Summer 2019 Advised UMass Boston undergraduates Erik Drybread on determining upper mass limits from inconclusive RV data sets
- 2018-2019 Advised MIT undergraduates Allison Couch & Madeline Wang on fitting RV data and characterizing stellar activity in high resolution stellar spectra
- 2017 Advised MIT undergraduate Maude Gall on creating an updated exposure time calculator for the Planet Finder Spectrograph on Magellan II
- 2013-2015 Advised three San Jose high school students during UCSC’s Summer Internship Program

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Academic Service

- 2021-2024 GEMINI OBSERVATORY USER'S COMMITTEE
- 2020-2021 CO-CHAIR OF 2ND TESS SCIENCE CONFERENCE
- 2020-2021 SAG22 TASK FORCE LEAD
 - 2020 MEMBER OF THE EXOPLANET EXPLORERS GRADUATE STUDENT SPEAKER SERIES LOC
 - 2020 MEMBER OF THE EXOPLANETS IN SOUTHERN CALIFORNIA CONFERENCE SOC
- 2019-2020 NASA EXTREME PRECISION RV WORKING GROUP, STEERING COMMITTEE AND SUBGROUP LEAD
- 2019-present REFEREE FOR MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY
- 2018-present MEMBER OF TESS SPECTROSCOPY STEERING COMMITTEE
- 2018-present EXPERT REVIEWER FOR NOVA AND NOVA LABS
- 2017-present MEMBER MIT PHYSICS POST DOC ASSOCIATION
 - 2016-2018 ORGANIZER MIT EXOPLANET TEA TALK SERIES
- 2016-present MEMBER OF TESS RV FOLLOW UP WORKING GROUP
- 2016-present PROPOSAL REVIEWER FOR NASA EXOPLANET SPACE SCIENCE FELLOWSHIP
- 2016-present REFEREE FOR THE ASTROPHYSICAL JOURNAL, A&A
- 2016-present PANEL REVIEWER FOR K2 GUEST OBSERVER PROGRAM, NASA XRP PROGRAM
 - 2014-2016 HEAD TA UCSC DEPT OF ASTRONOMY & ASTROPHYSICS
 - 2015 GRADUATE STUDENT ADMISSIONS COMMITTEE, UCSC DEPT OF ASTRONOMY & ASTROPHYSICS
 - 2014 DEVELOPMENT OF UCSC ASTRONOMY DEPARTMENT'S GRADUATE STUDENT TEACHER TRAINING COURSE

Competitively Awarded Observing Time & Telescope use

- 2021-present 2 nights awarded on the Palomar Hale telescope
- 2021-present 2 nights awarded on the WIYN telescope
- 2020-present 1 night awarded on the Gemini South telescope
- 2020-present 6 nights awarded on the Gemini North telescope
- 2018-present 22 nights awarded on the Anglo Australian Telescope, 2 nights of telescope operation
- 2016-present 10 nights awarded on the Magellan Clay telescope, 20 nights of telescope operation
- 2015-present 100+ nights awarded on the Automated Planet Finder telescope in observer-free mode
- 2012-2015 150+ nights of solo operation on the Automated Planet Finder telescope

Papers in Refereed Journals

First Author (6)

6. **Jennifer A. Burt**, Diana Dragomir, Paul Mollière, Allison Youngblood, Antonio García Muñoz, John McCann, Laura Kreidberg, Chelsea X. Huang, Karen A. Collins, Lyu Abe, Ian J. M. Crossfield, Carl Ziegler, Joseph E. Rodriguez, Eric E. Mamajek, Keivan G. Stassun, Samuel P. Halverson, Steven Jr. Villanueva, R. Paul Butler, Sharon Xuesong Wang, Richard P. Schwarz, George R. Ricker, Roland Vanderspek, David W. Latham, S. Seager, Joshua N. Winn, Jon M. Jenkins, Abdelkrim Agabi, César Briceño, David Ciardi, Jeffrey D. Crane, Nicolas Crouzet, Georgina Dransfield, Jason D. Eastman, Fabo Feng, Elise Furlan, Erica J. Gonzales, Tristan Guillot, Arvind F. Gupta, Steve B. Howell, Eric L. N. Jensen, Nicholas Law, Eric Lopez, Andrew W. Mann, Wenceslas Marie-Sainte, Rachel A. Matson, Elisabeth C. Matthews, Djamel Mékarnia, Joshua Pepper, Nic Scott, Stephen A. Shtetman, Joshua E. Schlieder, François-Xavier Schmider, Daniel J. Stevens, Johanna K. Teske, Amaury Triaud, David Charbonneau, Zachory K. Berta-Thompson, Christopher J. Burke, Tansu Daylan, Thomas Barclay, *TOI-1231 b: A Temperate Sub-Neptune Transiting the Nearby M3 Dwarf NLTT 24399*, AJ, 162, 3, 2021
5. **Jennifer A. Burt**, Fabo Feng, Eric E. Mamajek, Songhu Wang, R. Paul Butler, Steven S. Vogt, Bradford Holden, Gregory Laughlin, Gregory W. Henry, Mikko Toumi, Guillem Anglada-Escuda, Johanna K. Teske, Sharon X. Wang, Jeffrey D. Crane & Steve A. Shtetman, *Three new low-mass exoplanets orbiting the nearby stars HD 190007 and HD 216520*, AJ, 161, 1, 2021
4. **Jennifer A. Burt**, Louise D. Nielsen, Samuel N. Quinn, Eric E. Mamajek, Elisabeth C. Matthews, George Zhou, Julia V. Seidel, Chelsea X. Huang, Eric Lopez, Maritza Soto, Jon Otegi, Keivan G. Stassun, Laura Kreidberg, Karen A. Collins, Jason D. Eastman, Joseph E. Rodriguez, Samuel P. Halverson, Johanna K. Teske, Sharon X. Wang, R. Paul Butler, Francois Bouchy, Xavier Dumusque, Damien Segransen, Stephen A. Shtetman, Jeffrey D. Crane, Fabo Feng, Benjamin T. Montet, Adina D. Feinstein, Yuri Beletski, Erin Flowers, Maximilian N. Gunther, Tansu Daylan, Kevin I. Collins, Dennis M. Conti, Tianjun Gan, Eric L. N. Jensen, John F. Kielkopf, Thiam-Guan Tan, Ravit Helled, Caroline Dorn, Jonas Haldemann, Jack J. Lissauer, George R. Ricker, Roland Vanderspek, David W. Latham, S. Seager, Joshua N. Winn, Jon M. Jenkins, Joseph D. Twicken, Jeffrey C. Smith, Peter Tenenbaum, Scott Cartwright, Thomas Barclay, Joshua Pepper, Gilbert Esquerdo & William Fong, *TOI-824 b: A New Planet on the Lower Edge of the Hot Neptune Desert*, AJ, 160, 153, 2020
3. **Jennifer A. Burt**, Bradford P. Holden, Angie Wolfgang & Luke G. Bouma, *Simulating the M-R Relation from APF followup of TESS targets: Survey design and strategies for overcoming mass biases*, AJ, 156, 255B, 2018
2. **Jennifer A. Burt**, Bradford P. Holden, Russell Hanson, Gregory Laughlin, Steven S. Vogt, R. Paul Butler, Sandy Keiser & William Deich, *The capabilities, performance and prospects for a dynamic scheduler on the Automated Planet Finder Telescope*, JATIS, 1, id 044003, 2015
1. **Jennifer A. Burt**, Steven S. Vogt, R. Paul Butler, Russell Hanson, Stefano Meschiari, Eugenio Rivera, Gregory Henry & Gregory Laughlin, *The Lick-Carnegie Exoplanet Survey: Gliese 687b – A Neptune-mass Planet Orbiting a Nearby Red Dwarf*, ApJ, 789, 2, 2014

Student Works (1)

1. Katherine Lalotis, **Jennifer A. Burt**, Eric E. Mamajek, R. Paul Butler, Steven S. Vogt, Bradford Holden, Johanna K. Teske, Sharon X. Wang, Jeffrey D. Crane & Steve A. Shtetman, Fabo Feng, Christopher Tinney, Rob Wittenmeyer, *Quantifying the RV Completeness of 50 Southern EPRV Target Stars*, in prep for submission to the Astronomical Journal

Co-authored (48)

48. Barragán, O. ; Armstrong, D. J. ; Gandolfi, D. ; Carleo, I. ; Vidotto, A. A. ; Villarreal D'Angelo, C. ; Oklopčić, A. ; Isaacson, H. ; Oddo, D. ; Collins, K. ; Fridlund, M. ; Sousa, S. G. ; Persson, C. M. ; Hellier, C. ; Howell, S. ; Howard, A. ; Redfield, S. ; Eisner, N. ; Georgieva, I. Y. ; Dragomir, D. Bayliss, D. ; Nielsen, L. D. ; Klein, B. ; Aigrain, S. ; Zhang, M. ; Teske, J. ; Twicken, J D. ; Jenkins, J. ; Esposito, M. ; Van Eylen, V. ; Rodler, F. ; Adibekyan, V. ; Alarcon, J. ; Anderson, D. R. ; Akana Murphy, J. M. ; Barrado, D. ; Barros, S. C. C. ; Benneke, B. ; Bouchy, F. ; Bryant, E. M. ; Butler, P. ; **Burt, J.** ; Cabrera, J. ; Casewell, S. ; Chaturvedi, P. ; Cloutier, R. ; Cochran, W. D. ; Crane, J. ; Crossfield, I. ; Crouzet, N. ; Collins, K. I. ; Dai, F. ; Deeg, H. J. ; Deline, A. ; Demangeon, O. D. S. ; Dumusque, X. ; Figueira, P. ; Furlan, E. ; Gnilka, C. ; Goad, M. R. ; Goffo, E. ; Gutiérrez-Canales, F. ; Hadjigeorgiou, A. ; Hartman, Z. ; Hatzes, A. P. ; Harris, M. ; Henderson, B. ; Hirano, T. ; Hojjatpanah, S. ; Hoyer, S. ; Kabáth, P. ; Korth, J. ; Lillo-Box, J. ; Luque, R. ; Marmier, M. ; Močnik, T. ; Muresan, A. ; Murgas, F. ; Nagel, E. ; Osborne, H. L. M. ; Osborn, A. ; Osborn, H. P. ; Palle, E. ; Raimbault, M. ; Ricker, G. R. ; Rubenzahl, R A. ; Stockdale, C. ; Santos, N. C. ; Scott, N. ; Schwarz, R. P. ; Shectman, S. ; Raimbault, M. ; Seager, S. ; Ségransan, D. ; Serrano, L. M. ; Skarka, M. ; Smith, A. M. S. ; Šubjak, J. ; Tan, T. G. ; Udry, S. ; Watson, C. ; Wheatley, P. J. ; West, R. ; Winn, J. N. ; Wang, S. X. ; Wolfgang, A. ; and Ziegler, C., *The young HD 73583 (TOI-560) planetary system: Two 10-M_⊕ mini-Neptunes transiting a 750-Myr-old, bright, and active K dwarf*, submitted to MNRAS
47. Ikwut-Ukwa, Mma ; Rodriguez, Joseph E. ; Quinn, Samuel N. ; Zhou, George ; Vanderburg, Andrew ; Ali, Asma ; Bunten, Katya ; Gaudi, B. Scott ; Latham, David W. ; Howell, Steve B. ; Huang, Chelsea X. ; Bieryla, Allyson ; Collins, Karen A. ; Carmichael, Theron W. ; Rabus, Markus ; Eastman, Jason D. ; Collins, Kevin I. ; Tan, Thiam-Guan ; Schwarz, Richard P. ; Myers, Gordon Stockdale, Chris ; Kielkopf, John F. ; Radford, Don J. ; Oelkers, Ryan J. ; Jenkins, Jon M. ; Ricker, George R. ; Seager, Sara ; Vanderspek, Roland K. ; Winn, Joshua N. ; **Burt, Jennifer** ; Butler, R. Paul ; Calkins, Michael L. ; Crane, Jeffrey D. ; Gnilka, Crystal L. ; Esquerdo, Gilbert A. ; Fong, William ; Kreidberg, Laura ; Mink, Jessica ; Rodriguez, David R. ; Schlieder, Joshua E. ; Shectman, Stephen ; Shporer, Avi ; Teske, Johanna ; Ting, Eric B. ; Villaseñor, Jesus Noel ; and Yahalom, Daniel A. *Two Massive Jupiters in Eccentric Orbits from the TESS Full Frame Images*, accepted to AJ
46. Alex S. Polanski, Ian J. M. Crossfield, **Jennifer A. Burt**, Grzegorz Nowak, Mercedes Lopez-Morales, Annelies Mortier, Ennio Poretti, Aida Behrard, Bjorn Benneke, Sarah Blunt, R. Paul Butler, Ashley Chontos, Rosario Cosentino, Jeffrey D. Crane, Xavier Dumusque, Benjamin J. Fulton, Adriano Ghedina, Varoujan Gorjian, Samuel K. Grunblatt, Avet Harutyunyan, Andrew W. Howard, Howard Isaacson, Molly R. Kosiarek, David W. Latham, Rafael Luque, Aldo F. Martinez Fiorenzano, Michel Mayor, Sean M. Mills, Emilio Molinari, Evangelos Nagel, Enric Palle, Erik A. Petigura, Stephen A. Shectman, Alessandro Sozzetti, Johanna K. Teske, Sharon Xuesong Wang, Lauren M. Weiss., *Wolf 503 b: Characterization of a Sub-Neptune Orbiting a Metal-Poor K Dwarf*, accepted to AJ
45. Fabo Feng, R. Paul Butler, Hugh R. A. Jones, Mark W. Phillips, Steven S. Vogt, Rebecca Oppenheimer, Bradford Holden, **Jennifer A. Burt**, and Alan P. Boss, *Optimized modelling of Gaia-Hipparcos astrometry for the detection of the smallest cold Jupiter and confirmation of seven low-mass companions*, MNRAS, 507, 2, 2021

44. Teske, Johanna ; Wang, Sharon Xuesong; Wolfgang, Angie ; Gan, Tianjun; Plotnykov, Mykhaylo; Armstrong, David J.; Butler, R. Paul; Cale, Bryson; Crane, Jeffrey D.; Howard, Ward; Jensen, Eric L. N.; Law, Nicholas; Shectman, Stephen A.; Plavchan, Peter; Valencia, Diana; Vanderburg, Andrew; Ricker, George R.; Vanderspek, Roland; Latham, David W.; Seager, Sara Winn, Joshua N.; Jenkins, Jon M.; Adibekyan, Vardan; Barrado, David ; Barros, Susana C. C.; Benkhaldoun, Zouhair; Brown, David J. A.; Bryant, Edward M. ; **Burt, Jennifer**; Caldwell, Douglas A.; Charbonneau, David; Cloutier, Ryan; Collins, Karen A.; Collins, Kevin I.; Colon, Knicole D.; Conti, Dennis M.; Demangeon, Olivier D. S. ; Eastman, Jason D.; Elmufti, Mohammed; Feng, Fabo; Flowers, Erin; Guerrero, Natalia M.; Hojjatpanah, Saeed ; Irwin, Jonathan M. ; Isopi, Giovanni ; Lillo-Box, Jorge ; Mallia, Franco ; Massey, Bob ; Mori, Mayuko; Mullally, Susan E.; Narita, Norio; Nishiumi, Taku ; Osborn, Ares; Paegert, Martin; de Leon, Jerome Pitogo ; Quinn, Samuel N.; Reefer, Michael; Schwarz, Richard P.; Shporer, Avi; Soubkiou, Abderahmane ; Sousa, Sérgio G. ; Stockdale, Chris; Strøm, Paul A. ; Tan, Thiam-Guan; Tang, Jiaxin ; Tenenbaum, Peter; Wheatley, Peter J.; Wittrock, Justin; Yahalom, Daniel A.; and Zohrabi, Farzaneh *The Magellan-TESS Survey. I. Survey Description and Midsurvey Results*, ApJS, 256, 33, 2021
43. Fausnaugh, Michael; Morgan, Ed ; Vanderspek, Roland; Pepper, Joshua; Burke, Christopher J.; Levine, Alan M.; Rudat, Alexander ; Villaseñor, Jesus Noel S. ; Vezie, Michael ; Goeke, Robert F. ; Ricker, George R. ; Latham, David W.; Seager, S.; Winn, Joshua N.; Jenkins, Jon M.; Bakos, G. Á.; Barclay, Thomas; Berta-Thompson, Zachory K.; Bouma, Luke G.; Boyd, Patricia T.; Brasseur, C. E.; **Burt, Jennifer**; Caldwell, Douglas A.; Charbonneau, David; Christensen-Dalsgaard, J.; Clampin, Mark; Collins, Karen A.; Colón, Knicole D.; De Lee, Nathan; Dunham, Edward ; Fleming, Scott W.; Fong, William; Garcia Soto, Aylin; Scott Gaudi, B.; Guerrero, Natalia M.; Hesse, Katharine; Holman, Matthew J.; Huang, Chelsea X.; Kaltenegger, Lisa; Lissauer, Jack J.; McDermott, Scott ; McLean, Brian ; Mireles, Ismael; Mullally, Susan E.; Oelkers, Ryan J.; Paegert, Martin; Pál, András; Quintana, Elisa V.; Rinehart, S. A.; Rodriguez, David R.; Rose, Mark; Sasselov, Dimitar D.; Schlieder, Joshua E. ; Sha, Lizhou; Shporer, Avi; Smith, Jeffrey C.; Stassun, Keivan G.; Tenenbaum, Peter; Ting, Eric B.; Torres, Guillermo; Twicken, Joseph D.; Vanderburg, Andrew; Wohler, Bill; and Yu, Liang, *The TESS Mission Target Selection Procedure*, PASP, 133, 1027, id.095002, 2021
42. Songhu Wang, Joshua N. Winn, Brett C. Addison, Fei Dai, Malena Rice, Bradford Holden, **Jennifer A. Burt**, Xian-Yu Wang, R. Paul Butler, Steven S. Vogt, and Gregory Laughlin, *The Aligned Orbit of the Warm Jupiter K2-232 b*, AJ, 162, 50W, 2021

41. Guerrero, Natalia M.; Seager, S.; Huang, Chelsea X.; Vanderburg, Andrew; Garcia Soto, Aylin; Mireles, Ismael; Hesse, Katharine; Fong, William; Glidden, Ana; Shporer, Avi; Latham, David W.; Collins, Karen A.; Quinn, Samuel N.; Burt, Jennifer; Dragomir, Diana; Crossfield, Ian ; Vanderspek, Roland; Fausnaugh, Michael; Burke, Christopher J.; Ricker, GeorgeDaylan, Tansu; Essack, Zahra; Günther, Maximilian N.; Osborn, Hugh P.; Pepper, Joshua; Rowden, Pamela; Sha, Lizhou; Villanueva, Steven, Jr.; Yahalomi, Daniel A.; Yu, Liang; Ballard, Sarah; Batalha, Natalie M.; Berardo, David; Chontos, Ashley; Dittmann, Jason A.; Esquerdo, Gilbert A.; Mikal-Evans, Thomas; Jayaraman, Rahul; Krishnamurthy, Akshata; Louie, Dana R.; Mehrle, Nicholas; Niraula, Prajwal; Rackham, Benjamin V.; Rodriguez, Joseph E.; Rowden, Stephen J. L.; Sousa-Silva, Clara; Watanabe, David; Wong, Ian; Zhan, Zhuchang; Zivanovic, Goran; Christiansen, Jessie L.; Ciardi, David R.; Swain, Melanie A.; Lund, Michael B.; Mullally, Susan E.; Fleming, Scott W.; Rodriguez, David R.; Boyd, Patricia T.; Quintana, Elisa V.; Barclay, Thomas; Colón, Knicole D.; Rinehart, S. A.; Schlieder, Joshua E.; Clampin, Mark; Jenkins, Jon M.; Twicken, Joseph D.; Caldwell, Douglas A.; Coughlin, Jeffrey L.; Henze, Chris ; Lissauer, Jack J.; Morris, Robert L.; Rose, Mark E.; Smith, Jeffrey C.; Tenenbaum, Peter ; Ting, Eric B.; Wohler, Bill; Bakos, G. Á.; Bean, Jacob L.; Berta-Thompson, Zachory K.; Bieryla, Allyson; Bouma, Luke G.; Buchhave, Lars A.; Butler, Nathaniel; Charbonneau, David; Doty, John P.; Ge, Jian ; Holman, Matthew J.; Howard, Andrew W.; Kaltenegger, Lisa; Kane, Stephen R.; Kjeldsen, Hans; Kreidberg, Laura; Lin, Douglas N. C.; Minsky, Charlotte; Narita, Norio; Paegert, Martin; Pál, András ; Palle, Enric; Sasselov, Dimitar D.; Spencer, Alton; Sozzetti, Alessandro; Stassun, Keivan G.; Torres, Guillermo; Udry, Stephane; Winn, Joshua N., *The TESS Objects of Interest Catalog from the TESS Prime Mission* , ApJS, 254, 39G, 2021

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