Jennifer Burt

Employment

2019–present **ExEP Postdoctoral Fellow**, Jet Propulsion Laboratory, Pasadena, CA.
Carrying out precise RV follow up of planets detected by NASA's TESS mission and working within the program office to support the development of Extreme Precision RV science capabilities in the 2020s.

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

2019 'Hi Neighbor! Exoplanet Discoveries by NASA's TESS', SxSW

2018 'Discovering new worlds with TESS', Amateur Telescope Makers of Boston Club

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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: Hartness 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

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

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

2020-present Advised Whitman College undergraduate Katherine Laliotis on RV characterization of promising LUVOIR/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

Academic Service

2020-2021 Co-chair of 2nd TESS Science Conference

2020 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

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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

2020-present 1 night awarded on the Gemini South telescope

2020-present 4 nights awarded on the Gemini North telescope

2018-present 22 nights awarded on the Anglo Australian Clay telescope, 2 nights of telescope operation

2016-present 13 nights awarded on the Magellan Clay telescope, 12 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)

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. Shectman, 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*, submitted to the Astronomical Journal

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. Shectman, *Three new low-mass exoplanets orbiting the nearby stars HD 190007 and HD 216520*, AJ, 161, 1, 2020

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. Shectman, 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

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

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

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

Co-authored (39)

39. 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, *Orbital analyses of eight low-mass companions using radial velocity and Gaia-Hipparcos data*, submitted to The Astronomical Journal

38. Lizhou Sha, Chelsea X Huang, Avi Shporer, Joseph E Rodriguez, Andrew Vanderburg, Rafael Brahm, Janis Hagelberg, Elisabeth C Matthews, Carl Ziegler, John H Livingston, Keivan G Stassun, Duncan J Wright, Jeffrey D Crane, Néstor Espinoza, François Bouchy, Gáspár Á Bakos, Karen A Collins, George Zhou, Allyson Bieryla, Joel D Hartman, Robert A Wittenmyer, Louise D Nielsen, Peter Plavchan, Daniel Bayliss, Paula Sarkis, Thiam-Guan Tan, Ryan Cloutier, Luigi Mancini, Andrés Jordán, Sharon Wang, Thomas Henning, Norio Narita, Kaloyan Penev, Johanna K Teske, Stephen R Kane, Andrew W Mann, Brett C Addison, Motohide Tamura, Jonathan Horner, Mauro Barbieri, **Jennifer A Burt**, Matías R Díaz, Ian JM Crossfield, Diana Dragomir, Holger Drass, Adina D Feinstein, Hui Zhang, Rhodes Hart, John F Kielkopf, Eric LN Jensen, Benjamin T Montet, Gaël Ottoni, Richard P Schwarz, Felipe Rojas, David Lopez Fdez Nespral, Pascal Torres, Matthew W Mengel, Stéphane Udry, Abner Zapata, Erin Snoddy, Jack Okumura, George R Ricker, Roland K Vanderspek, David W Latham, Joshua N Winn, Sara Seager, Jon M Jenkins, Knicole D Colón, Christopher E Henze, Akshata Krishnamurthy, Eric B Ting, Michael Vezie, Steven Villanueva, *TOI-954 b and EPIC 246193072 b: Short-Period Saturn-Mass Planets that Test Whether Irradiation Leads to Inflation*, submitted to The Astronomical Journal

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37. Rebekah I. Dawson, Chelsea X. Huang, Rafael Brahm, Karen A. Collins, Melissa J. Hobson, Andres Jordan, Jiayin Dong, Judith Korth, Trifon Trifonov, Lyu Abe, Abdelkrim Agabi, Ivan Bruni, R. Paul Butler, Mauro Barbieri, Kevin I. Collins, Dennis M. Conti, Jeffrey D. Crane, Nicolas Crouzet, Georgina Dransfield, Phil Evans, Nestor Espinoza, Tianjun Gan, Tristan Guillot, Thomas Henning, Jack J. Lissauer, Eric L. N. Jensen, Wenceslas Marie Sainte, Djamel Mekarnia, Gordon Myers, Sangeetha Nandakumar, Howard M. Relles, Paula Sarkis, Pascal Torres, Stephen Shectman, Francois-Xavier Schmider, Avi Shporer, Chris Stockdale, Johanna Teske, Amaury H.M.J. Triaud, Sharon Xuesong Wang, Carl Ziegler, G. Ricker, R. Vanderspek, David W. Latham, S. Seager, J. Winn, Jon M. Jenkins, L. G. Bouma, **Jennifer A. Burt**, David Charbonneau, Alan M. Levine, Scott McDermott, Brian McLean, Mark E. Rose, Andrew Vanderburg, and Bill Wohler, *Precise transit and radial-velocity characterization of a resonant pair: a warm Jupiter TOI-216c and eccentric warm Neptune TOI-216b*, submitted to The Astronomical Journal

36. Tianjun Gan, Sharon Xuesong Wang, Johanna K. Teske, Shude Mao, Ward S. Howard, Nicholas M. Law, Natasha E. Batalha, Andrew Vanderburg, Diana Dragomir, Chelsea X. Huang, Fabo Feng, R. Paul Butler, Jeffrey D. Crane, Stephen A. Shectman, Ian B. Thompson, Yuri Beletsky, Avi Shporer, Benjamin T. Montet, **Jennifer A. Burt**, Adina D. Feinstein, Erin Flowers, Sangeetha Nandakumar, Mauro Barbieri, Hank Corbett, Jeffrey K. Ratzloff, Nathan Galliher, Ramses Gonzalez Chavez, Alan Vasquez, Amy Glazier, and Joshua Haislip, *Revisiting the HD 21749 Planetary System with Stellar Activity Modeling*, submitted to the Astronomical Journal

35. S. Dreizler, I. J. M. Crossfield, D. Kossakowski, P. Plavchan, S. V. Jeffers, J. Kemmer, R. Luque, N. Espinoza, E. Pallé, K. Stassun, E. Matthews, B. Cale, J. A. Caballero, M. Schlecker, J. Lillo-Box, M. Zechmeister, S. Lalitha, A. Reiners, A. Soubkiou, B. Bitsch, M. R. Zapatero Osorio, P. Chaturvedi, A. P. Hatzes, G. Ricker, R. Vanderspek, D. W. Latham, S. Seager, J. Winn, J. M. Jenkins, J. Aceituno, P. J. Amado, K. Barkaoui, M. Barbieri, N. M. Batalha, F. F. Bauer, B. Benneke, Z. Benkhaldoun, C, Beichman, J. Berberian, **J. Burt**, R. P. Butler, D. A. Caldwell, A. Chintada, A. Chontos, J. L. Christiansen, D. R. Ciardi, C. Cifuentes, K. A. Collins, K. I. Collins, D. Combs, M. Cortés-Contreras, J. D. Crane, T. Daylan, D. Dragomir, E. Esparza-Borges, P. Evans, F. Feng, E. E. Flowers, A. Fukui, B. Fulton, E. Furlan, E. Gaidos, C. Geneser, S. Giacalone, M. Gillon, E. Gonzales, V. Gorjian, C. Hellier, D. Hidalgo, A. W. Howard, S. Howell, D. Huber, H. Isaacson, E. Jehin, E. L. N. Jensen, A. Kaminski, S. R. Kane, K. Kawauchi, J. F. Kielkopf, H. Klahr, M. R. Kosiarek, L. Kreidberg, M. Kürster, M. Lafarga, J. Livingston, D. Louie, A. Mann, A. Madrigal-Aguado, R. A. Matson, T. Mocnik, J. C. Morales, P. S. Muirhead, F. Murgas, S. Nandakumar, N. Narita, G. Nowak, M. Oshagh, H. Parviainen, V. M. Passegger, D. Pollacco, F. J. Pozuelos, A. Quirrenbach, M. Reefe, I. Ribas, P. Robertson, C. Rodríguez-López, M. E. Rose, A. Roy, A. Schweitzer, J. Schlieder, S. Shectman, A. Tanner, H. V. Senavci, J. Teske, J. D. Twicken, J. Villasenor, S. X. Wang, L. M. Weiss, J. Wittrock, M. Yılmaz, and F. Zohrabi, *The CARMENES search for exoplanets around M dwarfs, LP 714-47 b (TOI 442.01): Populating the Neptune desert*, accepted for publication in A&A

34. Molly R Kosiarek, David A Berardo, Ian JM Crossfield, Cesar Laguna, Joseph M Akana Murphy, Steve B Howell, Gregory W Henry, Howard Isaacson, Lauren M Weiss, Erik A Petigura, Benjamin Fulton, Aida Behmard, Lea A Hirsch, Johanna Teske, **Jennifer A. Burt**, Sean M Mills, Ashley Chontos, Teo Mocnik, Andrew W Howard, Michael Werner, John H Livingston, Jessica Krick, Charles Beichman, Varoujan Gorjian, Laura Kreidberg, Jessie L Christiansen, Farisa Y Morales, Nicholas J Scott, Jeffrey D Crane, Lee J Rosenthal, Samuel K Grunblatt, Ryan A Rubenzahl, Paul A Dalba, Steven Giacalone, Chiara Dane Villanueva, Qingtian Liu, Fei Dai, Michelle L Hill, Malena Rice, Stephen R Kane, Andrew W Mayo, *Physical Parameters of the Multi-Planet Systems HD 106315 and GJ 9827*, accepted for publication in The Astronomical Journal

33. Carleo, Ilaria; Gandolfi, Davide; Barragán, Oscar; Livingston, John H.; Persson, Carina M.; Lam, Kristine W. F.; Vidotto, Aline; Lund, Michael B.; Villarreal D'Angelo, Carolina; Collins, Karen A.; Fossati, Luca; Howard, Andrew W.; Kubyshkina, Daria; Brahm, Rafael; Oklopčić, Antonija; Mollière, Paul; Redfield, Seth; Serrano, Luisa Maria; Dai, Fei; Fridlund, Malcolm Borsa, Francesco; Korth, Judith; Esposito, Massimiliano; Díaz, Matías R.; Dyregaard Nielsen, Louise; Hellier, Coel; Mathur, Savita; Deeg, Hans J.; Hatzes, Artie P.; Benatti, Serena; Rodler, Florian; Alarcon, Javier; Spina, Lorenzo; Santos, Ângela R. G.; Georgieva, Iskra; García, Rafael A.; González-Cuesta, Lucía; Ricker, George R.; Vanderspek, Roland; Latham, David W.; Seager, Sara; Winn, Joshua N.; Jenkins, Jon M.; Albrecht, Simon; Batalha, Natalie M.; Beard, Corey; Boyd, Patricia T.; Bouchy, François; **Burt, Jennifer A.**; Butler, R. Paul; Cabrera, Juan; Chontos, Ashley; Ciardi, David; Cochran, William D.; Collins, Kevin I.; Crane, Jeffrey D.; Crossfield, Ian; Csizmadia, Szilard; Dragomir, Diana; Dressing, Courtney; Eigmüller, Philipp; Endl, Michael; Erikson, Anders; Espinoza, Nestor; Fausnaugh, Michael; Feng, Fabo; Flowers, Erin; Fulton, Benjamin; Gonzales, Erica J.; Grieves, Nolan; Grziwa, Sascha; Guenther, Eike W.; Guerrero, Natalia M.; Henning, Thomas; Hidalgo, Diego; Hirano, Teruyuki; Hjorth, Maria; Huber, Daniel; Isaacson, Howard; Jones, Matias; Jordán, Andrés; Kabáth, Petr; Kane, Stephen R.; Knudstrup, Emil; Lubin, Jack; Luque, Rafael; Mireles, Ismael; Narita, Norio; Nespral, David; Niraula, Prajwal; Nowak, Grzegorz; Palle, Enric; Pätzold, Martin; Petigura, Erik A; Prieto-Arranz, Jorge; Rauer, Heike; Robertson, Paul; Rose, Mark E.; Roy, Arpita; Sarkis, Paula; Schlieder, Joshua E.; Ségransan, Damien; Shectman, Stephen; Skarka, Marek; Smith, Alexis M. S.; Smith, Jeffrey C.; Stassun, Keivan; Teske, Johanna; Twicken, Joseph D.; Van Eylen, Vincent; Wang, Sharon; Weiss, Lauren M.; Wyttenbach, Aurélien, *The multi-planet system TOI-421 – A warm Neptune and a super puffy mini-Neptune transiting a G9 V star in a visual binary*, accepted for publication in Astronomy & Astrophysics

32. Allen B Davis, Songhu Wang, Matias Jones, Jason D Eastman, Maximilian N Günther, Keivan G Stassun, Brett C Addison, Karen A Collins, Samuel N Quinn, David W Latham, Trifon Trifonov, Sahar Shahaf, Tsevi Mazeh, Stephen R Kane, Norio Narita, Xian-Yu Wang, Thiam-Guan Tan, David R Ciardi, Andrei Tokovinin, Carl Ziegler, René Tronsgaard, Sarah Millholland, Bryndis Cruz, Perry Berlind, Michael L Calkins, Gilbert A Esquerdo, Kevin I Collins, Dennis M Conti, Felipe Murgas, Phil Evans, Pablo Lewin, Don J Radford, Leonardo A Paredes, Todd J Henry, James Hodari-Sadiki, Michael B Lund, Jessie L Christiansen, Nicholas M Law, Andrew W Mann, César Briceño, Hannu Parviainen, Enric Palle, Noriharu Watanabe, George R Ricker, Roland Vanderspek, Sara Seager, Joshua N Winn, Jon M Jenkins, Akshata Krishnamurthy, Natalie M Batalha, **Jennifer Burt**, Knicole D Colón, Scott Dynes, Douglas A Caldwell, Robert Morris, Christopher E Henze, Debra A Fischer, *TOI 564 b and TOI 905 b: Grazing and Fully Transiting Hot Jupiters Discovered by TESS*, AJ, 160, 229, 2020

31. Fabo Feng, Stephen A. Shectman, Matthew S. Clement, Steven S. Vogt, Johanna K. Teske, **Jennifer Burt**, Jeffrey D. Crane, Bradford Holden, Sharon Xuesong Wang, Ian B. Thompson, Matias R. Diaz, R. Paul Butler, *Search for Nearby Earth Analogs III. Detection of eight new planets, four planet candidates, and confirmation of four planets around eleven nearby M dwarfs*, ApJS, 250, 29, 2020

30. Johanna Teske, Matías R. Díaz, Rafael Luque, Teo Močnik, Julia V. Seidel, Jon Fernández Otegi, Fabo Feng, James S. Jenkins, Enric Pallè, Damien Ségransan, Stèphane Udry, Karen A. Collins, Jason D. Eastman, George R. Ricker, Roland Vanderspek, David W. Latham, Sara Seager, Joshua N. Winn, Jon M. Jenkins, David. R. Anderson, Thomas Barclay, François Bouchy, **Jennifer A. Burt**, R. Paul Butler, Douglas A. Caldwell, Kevin I. Collins, Jeffrey D. Crane, Caroline Dorn, Erin Flowers, Jonas Haldemann, Ravit Helled, Coel Hellier, Eric L. N. Jensen, Stephen R. Kane, Nicholas Law, Jack J. Lissauer, Andrew W. Mann, Maxime Marmier, Louise Dyregaard Nielsen, Mark E. Rose, Stephen A. Shectman, Avi Shporer, Guillermo Torres, Sharon X. Wang, Angie Wolfgang, Ian Wong, and Carl Ziegler, *TESS Reveals a Short-period Sub-Neptune Sibling (HD 86226c) to a Known Long-period Giant Planet*, AJ,160, 96, 2020

29. Pepper, Joshua; Kane, Stephen R.; Rodriguez, Joseph E.; Hinkel, Natalie R.; Eastman, Jason D.; Daylan, Tansu; Mocnik, Teo; Dalba, Paul A.; Gaudi, B. Scott; Fetherolf, Tara; Stassun, Keivan G.; Campante, Tiago L.; Vanderburg, Andrew; Huber, Daniel; Bossini, Diego; Crossfield, Ian; Howell, Steve B.; Stephens, Andrew W.; Furlan, E.; Ricker, George R. Vanderspek, Roland; Latham, David W.; Seager, S.; Winn, Joshua N.; Jenkins, Jon M.; Twicken, Joseph D.; Rose, Mark; Smith, Jeffrey C.; Glidden, Ana; Levine, Alan M.; Rinehart, Stephen; Collins, Karen A.; Mann, Andrew W.; **Burt, Jennifer A.**; James, David J.; Siverd, Robert J.; Günther, Maximilian N., *TESS Reveals HD 118203 b to be a Transiting Planet*, AJ, 159, 6, 2020

28. MM Rosenthal, W Jacobson-Galan, B Nelson, RA Murray-Clay, **JA Burt**, B Holden, E Chang, N Kaaz, J Yant, RP Butler, SS Vogt, *Measuring the Orbital Parameters of Radial Velocity Systems in Mean Motion Resonance—a Case Study of HD 200964*, AJ, 158, 136R, 2019

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