Susan E. **Mullally**

Data Science Mission Scientist // Scientist

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Work Experience

Space Telescope Science Institute — *Baltimore, MD*

Mission Scientist for the Data Science Mission Office — *Sep. 2022 – Current*

- PI for Mikulski Archive for Space Telescopes
- Oversight for developing the archive and data science mission strategy for STScI.

Scientist — *Aug. 2020 – Current*

- Conduct research on exoplanets and stellar astrophysics.
- Provide scientific leadership, outreach and service in the field of astronomy.

Deputy Project Scientist for the James Webb Space Telescope — *Aug. 2020 – Dec. 2022*

- Oversight for the science operations of JWST with responsibility for community engagement and public outreach.
- Organized and led events to encourage communication and education during launch and commissioning, e.g. *JWebbinar* virtual webinars, newsletters, and JWST-focused science seminars.

Senior Staff Astronomical Data Scientist — *Oct. 2017 – Oct. 2020*

- Deputy Branch Manager in 2020.
- TESS Project Manager for MAST from 2019-2020.
- Scientific input regarding archive services for exoplanet and time series data.

NASA Ames Research Center/SETI Institute — *Mountain View, CA*

Kepler Mission Support Scientist — *Jul 2010 - Jul. 2017*

- Led the creation and evaluation of the final Kepler survey exoplanet catalog
- Developed automated vetting metrics to remove false alarms from the exoplanet catalog
- Archive scientist who interfaced with the MAST and NExScI Archives for Kepler and K2 data deliveries

Delaware Asteroseismic Research Center, Univ. of Delaware — *Newark, DE*

Associate Director — *Jul. 2007 – Jul. 2010*

- Organized >20 telescopes to simultaneously take time series observations for >3 weeks to resolve the frequencies of pulsating stars for the Whole Earth Telescope
- Prepared proposals and conducted observations for Whole Earth Telescope runs.

Princeton University — *Princeton, NJ*

Visiting Scientist — *Jul. 2008 – Jul. 2010*

The Colorado College — *Colorado Springs, CO*

Assistant Professor — *Jul. 2004– Jun. 2007*

Education

University of North Carolina, Chapel Hill — *Chapel Hill, NC*

Doctor of Philosophy — *1998-2004*

- ***Thesis: Revelations from Time Series Spectroscopy of Pulsating White Dwarf Stars***
- ***Advisor: J. Christopher Clemens***

Hanover College — *Hanover, Indiana*

Bachelor of Arts — *1994-1998*

- ***Major: Physics, Minors: Computer Science and Spanish***

Awards

Honors

NASA	**NASA Exceptional Scientific Achievement Medal,** Individual award for leading the Kepler planet catalog	*2018*
AURA	**AURA Team Award,** Awarded to the JWST Commissioning Team	*2023*
STScI	**NASA Group Achievement Award,** Awarded to the JWST Science Operations Team	*2022*
STScI	**STScI Team Award,** Awarded to the TIKE Development Team	*2022*
AURA	**AURA Team Award,** Awarded to the TESS Data Management and Archive Team	*2019*
NASA	**NASA Silver Achievement Award,** Awarded to the entire TESS group	*2019*
NASA	**NASA Ames Group Honor Award,** Awarded to the Kepler Mission Archives	*2017*

Grants and Observing Programs

Co-PI	**JWST Cycle 3 GO #4857,** Confirmation of Planetary Companions to White Dwarf Stars	*2024*
Co-I	**Roman Survey Definition Team,** A Comprehensive View of Transiting Exoplanets with the Galactic Bulge Survey	*2023*
Co-I	**Director's Discretionary Funding,** Measuring the Stability of CalSpec Spectrophotometric Standards with TESS	*2023*
Co-I	**JWST Cycle 2 GO #2919,** Life After Death: Finding Water in a Planetary Disk around a White Dwarf	*2022*
Co-I	**JWST Cycle 2 GO #3964,** MIRI Excesses Around Degenerates Survey	*2022*
PI	**TESS Cycle 5,** Monitoring Spectrophotometric Standards	*2022*
Co-I	**JWST Cycle 1 Director's Discretionary Time #2782,** Heavy element formation in the brightest gamma-ray burst	*2021*
PI	**JWST Cycle 1 GO #1911,** A Search for the Giant Planets that Drive White Dwarf Accretion, $249,546	*2021*
PI	**TESS Cycle 4 Guest Investigator,** Monitoring The JWST Spectrophotometric Standards	*2021*
Coll.	**ADAP,** SynDiff: Bayesian Difference Imaging for Optimal TESS Light Curves"	*2021*
Co-I	**Pandora Mission,** SmallSat	*2020*
PI	**STScI Discretionary Research Funds,** Evaluating the Frequency of TESS' Exoplanet-like False Alarms, $69,000	*2020*
Co-I	**ADAP,** Stellar Astrophysics Uniform Analysis of Hundreds of Thousands of Eclipsing Binaries, $45,395	*2020*
PI	**STScI Data Science Initiative Investigation,** Serverless Search for Planets in the TESS Data, $23,500	*2019*
Co-I	**HST Cycle 27,** ID 15856: Search for Secondary Atmospheres in the L98-59 System, 28 orbits	*2019*
Co-I	**TESS Guest Investigator Grant,** Search the JWST Continuous Viewing Zone for Transits	*2018*
Co-I	**TESS Guest Investigator Grant,** White Dwarf Variability in the Ecliptic South	*2018*
Co-I	**HST Cycle 25,** ID 15129: Completing Kepler's Mission to Determine the Frequency of Earth-like Planets	*2017*
Co-I	**Astronomical Data Analysis Program Grant,** Formation and Circularization of Heartbeat Stars	*2017*
Co-I	**K2 Guest Observer Grant,** Discovery and Vetting of Exoplanets, $250,000	*2016, 2017*
PI	**K2 Guest Observer Grant,** Discovery and Vetting Exoplanets, $100,000	*2015*
PI	**Kepler Guest Observer Grant,** Study Tidally Induced Pulsations on Heartbeat Stars, $36,000	*2013*
Co-I	**NSF Major Research Instrumentation Program,** Build 5 Skynet Telescopes in Australia	*2010*
PI	**Hanover College Richter Grant,** Observe and Record the 1998 Solar Eclipse	*1998*

Mentoring and Advising

Thomas Dutkiewicz	**STScI Technical Staff,** TESS Variability of Flux Calibration Stars	*2023-2024*
Matt Dallas	**STScI Technical Staff,** Exoplanet Catalogs with TESS	*2023-2024*
Sabrina Poulsen	**Graduate Student at Oklahoma U.,** Search for WD planets with MIRI	*2022-2024*
Michael Kunz	**STScI Summer Intern,** Variability of JWST Standard Stars	*2021*
Jafr-Tayar Shabazz	**NAC Undergraduate Intern, STScI,** Citizen science search for stellar flares	*2019*
Daria Cara	**High School Intern, STScI,** Develop search of K2 data with new search algorithm.	*2019*
Veselin Kostov	**Postdoctoral Researcher, GSFC,** Discovery and vetting of exoplanets with K2	*2018*
Miles Currie	**Research for Undergraduates Intern, SETI Institute,** Develop detrending algorithm for K2	*2016*
Mara Zimmerman	**Research for Undergraduates Intern, SETI Institute,** Circularization of heartbeat stars	*2015*

Service

Committee	**STScI Science Personnel Committee,** Committee Member	*2024-2026*
Classroom Visit	**Dumbarton Middle School,** Outreach Presentation on JWST	*2026*
Committee	**STScI Strategic Director's Research Funds,** Committee Member	*2024*
Committee	**NASA's Astrophysics Data Center Executive Council,** Deputy Chair	*2024*
Committee	**NASA Science Mission Directorate Standards Working Group,** Member	*2023-2024*
Workshop	**STScI Spring Symposium,** Workshop Organizer	*2023*
Conference	**First Science Results from JWST Conference,** Co-Chair	*2022*
SOC Member	**Symposium, JWST: a new window on the Universe,** EAS	*2022*
Committee	**STScI/JHU Colloquium,** Committee Member	*2021-2022*
SOC Member	**Special Session: "JWST, a great observatory nearing liftoff" ,** EAS	*2021*
Associate Editor	**Frontiers in Astronomy and Space Sciences,** Exoplanets Section	*2020–Current*
Panel	**NASA Time Allocation Committees for Keck, K2 and TESS,** Panel Chair	*2018 – 2022*
Member	**Exoplanet Exploration Program Analysis Group (ExoPAG),** Exoplanetary System Demographics Group	*2018-2023*
Author	**The Kepler & K2 Missions,** book led by Steve Howell	*2019*
Classroom Visit	**Rogers Forge Children's Center,** Exoplanets for Preschoolers	*2019*
Public Talk	**San Francisco Amateur Astronomers,** When Binary Stars get Funky	*2016*
Workshop	**American Association of Physics Teachers Meeting,** Using Kepler Data in the Classroom	*2013, 2016*
Co-instructor	**Edna Mahn Correctional Facility for Women,** College-Level Mathematics	*2009–2010*
Member	**American Astronomical Society,** Full Member	*2009-Current*

Invited Presentations

Public Lecture	**Aspen Center for Physics,** Never Before Seen Details of the Universe with JWST	*2023*
Colloquium	**U. of Mary Washington,** Exoplanets and JWST	*2023*
Panel	**AwesomeCon!,** Exoplants with Roman Panel	*2023*
Colloquium	**High Point University,** Seeing the Universe in the Infrared with JWST	*2022*
Public Talks	**JWST: The Invisible Universe,** Various Locations	*2021-2022*
Public Talk	**Dublin Mountain Partnership,** Exploring New Words in your Cosmic Neighborhood	*2019*
Invited Panel	**TESS Science Conference I, Boston,** TESS Data Analysis	*2019*
Colloquium	**University of Delaware, Dept. of Physics,** Counting Exoplanets	*2019*
Closing Speaker	**AAS TESS Town Hall,** Science with TESS	*2019*
Invited Talk	**TASC5 / KASC11 Workshop, Denmark,** Two Missions Thousands of Exoplanets	*2018*
Colloquium	**Villanova University, Dept. of Physics,** Kepler Transiting Exoplanets	*2018*
Invited Talk	**American Geophysical Union,** Special Session on Exoplanets	*2017*
Invited Talk	**Kepler Science Conference IV,** Kepler's Final Catalog of Exoplanets	*2017*
Invited Talk	**SETI Institute Lecture,** Heartbeat Stars: When Stars get Funky	*2015*

Select Media

Interviewed	**Quirks and Quarks on CBC Radio,** What will become of our solar system?	*Feb 11, 2024*
Research Highlight	**AAS Nova Highlight,** JWST Directly Images Giant Planets Candidates around Two WDs	*Feb 2024*
Interviewed	**PBS NOVA Special,** 50th Anniversary Special	*June 2023*
Quoted	**The Week,** Explained: James Webb Space Telescope, the Successor to the Hubble Telescope	*Dec 24, 2021*
Live Interview	**NPR Science Friday,** Kepler Unveils A New Crop Of Exoplanets	*Jun 19, 2017*
Quoted	**USA Today,** 10 new planets that could have life	*June 19, 2017*
Interview	**NASA Ames Podcast,** Susan Thompson Talks About Creating Kepler Planet Catalogs	*Jun 19, 2017*

Publications

I have published under the names *S. E. Thompson* and *S. E. Mullally*. I am first, second or third author on 18 refereed publications. According to ADS, I have an h-index of 45, an i10-index of 81, and i100-index of 25. The following is a list of refereed and significant non-refereed publications. A full list of publications where I am an author can also be found in an ADS Library from the following link:
`https://tinyurl.com/susanemullallylibrary`.

R. J. McDonald et al., 2024. "The Atmosphere of a White Dwarf Planet." Nature in prep.

S. E. Mullally et al., 2024. "JWST Directly Images Giant Planet Candidates Around Two Metal-polluted White Dwarf Stars." Astrophysical J. Letters, 962:L32.

S. Poulsen et al., 2024. "A MIRI Search for Planets and Dust Around WD 2149+02." ApJ Submitted:arXiv:2311.14165.

T. Barclay et al., 2023. "The transmission spectrum of the potentially rocky planet L 98-59 c." ApJ Submitted:arXiv:2301.10866.

M. M. Fausnaugh et al., 2023. "Observations of GRB 230307A by TESS." Research Notes of the American Astronomical Society, 7:56.

J. P. Gardner et al., 2023. "The James Webb Space Telescope Mission." PASP, 135:068001.

K. Gordon et al., 2023. "The James Webb Space Telescope Absolute Flux Calibration: Program Design and Calibrator Stars." In "American Astronomical Society Meeting Abstracts," vol. 55 of *American Astronomical Society Meeting Abstracts*. 105.51.

M. Kunimoto et al., 2023. "False Alarms Revealed in a Planet Search of TESS Light Curves." Research Notes of the American Astronomical Society, 7:7.

A. J. Levan et al., 2023. "The First JWST Spectrum of a GRB Afterglow: No Bright Supernova in Observations of the Brightest GRB of all Time, GRB 221009A." Astrophysical J. Letters, 946:L28.

Prepared by the ExoPAG Science Interest Group et al., 2023. "Enabling Exoplanet Demographics Studies with Standardized Exoplanet Survey Meta-Data." arXiv e-prints:arXiv:2304.12442.

E. V. Quintana et al., 2023. "Two Warm Super-Earths Transiting the Nearby M Dwarf TOI-2095." Astrophysical Journal, 166:195.

B. V. Rackham et al., 2023. "The effect of stellar contamination on low-resolution transmission spectroscopy: needs identified by NASA's Exoplanet Exploration Program Study Analysis Group 21." RAS Techniques and Instruments, 2:148.

J. Rigby et al., 2023. "The Science Performance of JWST as Characterized in Commissioning." PASP, 135:048001.

M. Uzundag et al., 2023. "Asteroseismological analysis of the polluted ZZ Ceti star G 29 - 38 with TESS." Monthly Notices of the Royal Astronomical Society, 526:2846.

L. Cacciapuoti et al., 2022. "The TESS Triple-9 Catalog: 999 uniformly vetted exoplanet candidates." Monthly Notices of the Royal Astronomical Society, 513:102.

M. Damiano et al., 2022. "A Transmission Spectrum of the Sub-Earth Planet L98-59 b in 1.1-1.7 μm." Astrophysical Journal, 164:225.

T. O. Foote et al., 2022. "Pandora SmallSat data simulation and target selection." In L. E. Coyle, S. Matsuura & M. D. Perrin, eds., "Space Telescopes and Instrumentation 2022: Optical, Infrared, and Millimeter Wave," vol. 12180 of *Society of Photo-Optical Instrumentation Engineers (SPIE) Conference Series*. 121802X.

K. Hoffman et al., 2022. "The Pandora SmallSat: a mission to spectroscopically study exoplanet atmospheres." In L. E. Coyle, S. Matsuura & M. D. Perrin, eds., "Space Telescopes and Instrumentation 2022: Optical, Infrared, and Millimeter Wave," vol. 12180 of *Society of Photo-Optical Instrumentation Engineers (SPIE) Conference Series*. 121800C.

A. J. Levan et al., 2022a. "GRB 221009A: James Webb Space Telescope Observations." GRB Coordinates Network, 32821:1.

A. J. Levan et al., 2022b. "Unique opportunities from the brightest gamma-ray burst of all time." HST Proposal. Cycle 30, ID. #17264.

A. J. Levan et al., 2022c. "Heavy element formation in the brightest gamma-ray burst of all time." JWST Proposal. Cycle 1, ID. #2782.

S. E. Mullally et al., 2022a. "Searching for TESS Photometric Variability of Possible JWST Spectrophotometric Standard Stars." Astrophysical Journal, 163:136.

S. E. Mullally et al., 2022b. "The Time Series Integrated Knowledge Engine." In J. E. Ruiz, F. Pierfedereci & P. Teuben, eds., "Astronomical Society of the Pacific Conference Series," vol. 532 of *Astronomical Society of the Pacific Conference Series*. 277.

K. M. Pontoppidan et al., 2022. "The JWST Early Release Observations." Astrophysical J. Letters, 936:L14.

B. P. Powell et al., 2022. "The NASA GSFC TESS Full Frame Image Light Curve Data Set." Research Notes of the American Astronomical Society, 6:111.

J. Teske et al., 2022. "VizieR Online Data Catalog: Magellan-TESS Survey (MTS). I. Midsurvey results (Teske+, 2021)." VizieR On-line Data Catalog: J/ApJS/256/33. Originally published in: 2021ApJS..256...33T.

T. Barclay et al., 2021. "Stellar Surface Inhomogeneities as a Potential Source of the Atmospheric Signal Detected in the K2-18b Transmission Spectrum." Astrophysical Journal, 162:300.

P. Benni et al., 2021. "Discovery of a young low-mass brown dwarf transiting a fast-rotating F-type star by the Galactic Plane eXoplanet (GPX) survey." Monthly Notices of the Royal Astronomical Society, 505:4956.

S. Bryson et al., 2021a. "The Occurrence of Rocky Habitable-zone Planets around Solar-like Stars from Kepler Data." Astrophysical Journal, 161:36.

S. Bryson et al., 2021b. "VizieR Online Data Catalog: 117 exoplanets in habitable zone with Kepler DR25 (Bryson+, 2021)." VizieR On-line Data Catalog: J/AJ/161/36. Originally published in: 2021AJ....161...36B.

M. Fausnaugh et al., 2021. "The TESS Mission Target Selection Procedure." PASP, 133:095002.

S. Hoyer et al., 2021. "TOI-220 b: a warm sub-Neptune discovered by TESS." Monthly Notices of the Royal Astronomical Society, 505:3361.

D. V. Martin et al., 2021. "TOI-1259Ab - a gas giant planet with 2.7 per cent deep transits and a bound white dwarf companion." Monthly Notices of the Royal Astronomical Society, 507:4132.

E. V. Quintana et al., 2021. "The Pandora SmallSat: Multiwavelength Characterization of Exoplanets and their Host Stars." arXiv e-prints:arXiv:2108.06438.

J. Teske et al., 2021. "The Magellan-TESS Survey. I. Survey Description and Midsurvey Results." Astrophysical J. Suppl., 256:33.

V. Van Eylen et al., 2021. "Masses and compositions of three small planets orbiting the nearby M dwarf L231-32 (TOI-270) and the M dwarf radius valley." Monthly Notices of the Royal Astronomical Society, 507:2154.

Z. Bognár et al., 2020. "TESS first look at evolved compact pulsators. Known ZZ Ceti stars of the southern ecliptic hemisphere as seen by TESS." Astronomy and Astrophysics, 638:A82.

S. Bryson, J. L. Coughlin, M. Kunimoto & S. E. Mullally, 2020a. "Reliability Correction is Key for Robust Kepler Occurrence Rates." Astrophysical Journal, 160:200.

S. Bryson et al., 2020b. "A Probabilistic Approach to Kepler Completeness and Reliability for Exoplanet Occurrence Rates." Astrophysical Journal, 159:279.

J. L. Christiansen et al., 2020. "Measuring Transit Signal Recovery in the Kepler Pipeline. IV. Completeness of the DR25 Planet Candidate Catalog." Astrophysical Journal, 160:159.

E. A. Gilbert et al., 2020. "The First Habitable-zone Earth-sized Planet from TESS. I. Validation of the TOI-700 System." Astrophysical Journal, 160:116.

S. E. Mullally, P. Lim & J. Curtin, 2020. "A Search for TESS Exoplanets in the Jungle." In "American Astronomical Society Meeting Abstracts #235," vol. 235 of *American Astronomical Society Meeting Abstracts*. 109.10.

J. Shabazz et al., 2020. "Identifying TESS flares using citizen science." In "American Astronomical Society Meeting Abstracts #235," vol. 235 of *American Astronomical Society Meeting Abstracts*. 273.16.

M. I. Shabram et al., 2020. "Sensitivity Analyses of Exoplanet Occurrence Rates from Kepler and Gaia." Astrophysical Journal, 160:16.

A. Vanderburg et al., 2020. "A Habitable-zone Earth-sized Planet Rescued from False Positive Status." Astrophysical J. Letters, 893:L27.

D. Bennett et al., 2019. "Wide-Orbit Exoplanet Demographics." Bulletin of the AAS, 51:505.

C. Brasseur et al., 2019a. "AstroCut: A cutout service for TESS full-frame image sets." In "American Astronomical Society Meeting Abstracts #233," vol. 233 of *American Astronomical Society Meeting Abstracts*. 245.10.

C. E. Brasseur et al., 2019b. "Astrocut: A Cutout Service for TESS Full-Frame Image Sets." In P. J. Teuben, M. W. Pound, B. A. Thomas & E. M. Warner, eds., "Astronomical Data Analysis Software and Systems XXVII," vol. 523 of *Astronomical Society of the Pacific Conference Series*. 397.

C. E. Brasseur et al., 2019c. "Astrocut: Tools for creating cutouts of TESS images." Astrophysics Source Code Library, record ascl:1905.007.

C. J. Burke et al., 2019. "Re-evaluating Small Long-period Confirmed Planets from Kepler." Astrophysical Journal, 157:143.

D. Huber et al., 2019. "A Hot Saturn Orbiting an Oscillating Late Subgiant Discovered by TESS." Astrophysical Journal, 157:245.

V. B. Kostov et al., 2019a. "Discovery and Vetting of Exoplanets. I. Benchmarking K2 Vetting Tools." Astrophysical Journal, 157:124.

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S. E. Mullally, D. R. Rodriguez, K. B. Stevenson & H. R. Wakeford, 2019a. "The Exo.MAST Table for JWST Exoplanet Atmosphere Observability." Research Notes of the American Astronomical Society, 3:193.

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K. G. Stassun et al., 2019. "The Revised TESS Input Catalog and Candidate Target List." Astrophysical Journal, 158:138.

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E. Tollerud et al., 2019. "Sustaining Community-Driven Software for Astronomy in the 2020s." In "Bulletin of the American Astronomical Society," vol. 51. 180.

W. Borucki, S. E. Thompson, E. Agol & C. Hedges, 2018. "Kepler-62f: Kepler's first small planet in the habitable zone, but is it real?" New Astronomy Reviews, 83:28.

K. Hambleton et al., 2018. "KIC 8164262: a heartbeat star showing tidally induced pulsations with resonant locking." Monthly Notices of the Royal Astronomical Society, 473:5165.

A. Marston et al., 2018. "Overview of the Mikulski Archive for space telescopes for the James Webb Space Telescope data archiving." In "Observatory Operations: Strategies, Processes, and Systems VII," vol. 10704 of *Society of Photo-Optical Instrumentation Engineers (SPIE) Conference Series*. 1070413.

F. Mullally et al., 2018. "Kepler's Earth-like Planets Should Not Be Confirmed without Independent Detection: The Case of Kepler-452b." Astrophysical Journal, 155:210.

R. A. Shaw et al., 2018. "Enabling new science with MAST community contributed data collections." In "Observatory Operations: Strategies, Processes, and Systems VII," vol. 10704 of *Society of Photo-Optical Instrumentation Engineers (SPIE) Conference Series*. 1070414.

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S. E. Thompson et al., 2018. "Planetary Candidates Observed by Kepler. VIII. A Fully Automated Catalog with Measured Completeness and Reliability Based on Data Release 25." Astrophysical J. Suppl., 235:38.

J. L. Christiansen et al., 2017. "Three's Company: An Additional Non-transiting Super-Earth in the Bright HD 3167 System, and Masses for All Three Planets." Astrophysical Journal, 154:122.

J. Coughlin, S. E. Thompson & Kepler Team, 2017. "The Final Kepler Planet Candidate Catalog (DR25)." In "American Astronomical Society Meeting Abstracts #230," vol. 230 of *American Astronomical Society Meeting Abstracts*. 102.04.

M. Currie, F. Mullally & S. E. Thompson, 2017. "Finding Planets in K2: A New Method of Cleaning the Data." In "American Astronomical Society Meeting Abstracts #229," vol. 229 of *American Astronomical Society Meeting Abstracts*. 146.13.

J. Fuller et al., 2017. "Accelerated tidal circularization via resonance locking in KIC 8164262." Monthly Notices of the Royal Astronomical Society, 472:L25.

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J. L. Christiansen et al., 2016. "Measuring Transit Signal Recovery in the Kepler Pipeline. III. Completeness of the Q1-Q17 DR24 Planet Candidate Catalogue with Important Caveats for Occurrence Rate Calculations." Astrophysical J., 828:99.

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A. Shporer et al., 2016. "Radial Velocity Monitoring of Kepler Heartbeat Stars." Astrophysical J., 829:34.

J. D. Twicken et al., 2016. "Detection of Potential Transit Signals in 17 Quarters of Kepler Data: Results of the Final Kepler Mission Transiting Planet Search (DR25)." Astrophysical Journal, 152:158.

J. E. Van Cleve et al., 2016. "That's How We Roll: The NASA K2 Mission Science Products and Their Performance Metrics." PASP, 128:075002.

C. J. Burke et al., 2015. "Terrestrial Planet Occurrence Rates for the Kepler GK Dwarf Sample." Astrophysical J., 809:8.

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K. Hambleton et al., 2015. "Heartbeat Stars and the Ringing of Tidally Induced Pulsations." In S. M. Rucinski, G. Torres & M. Zejda, eds., "Living Together: Planets, Host Stars and Binaries," vol. 496 of *Astronomical Society of the Pacific Conference Series*. 162.

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