

CURRICULUM VITAE:

KEIVAN GUADALUPE STASSUN

Vanderbilt University, Department of Physics & Astronomy
6301 Stevenson Center Ln., Nashville, TN 37235
Phone: 615-322-2455, FAX: 615-343-7263
keivan.stassun@vanderbilt.edu

DEGREES EARNED

University of Wisconsin—Madison

Degree: Ph.D. in Astronomy, 2000

Thesis: *Rotation, Accretion, and Circumstellar Disks among Low-Mass Pre-Main-Sequence Stars*

Advisor: Robert D. Mathieu

University of California at Berkeley

Degree: A.B. in Physics/Astronomy (double major) with Honors, 1994

Thesis: *A Simultaneous Photometric and Spectroscopic Variability Study of Classical T Tauri Stars*

Advisor: Gibor Basri

EMPLOYMENT HISTORY

Vanderbilt University

Professor of Management, Owen Graduate School of Business and Management, 2023-present

Founder and Director, Frist Center for Autism & Innovation, 2018-present

Professor of Computer Science, School of Engineering, 2018-present

Stevenson Endowed Professor of Physics & Astronomy, College of Arts & Science, 2016-present

Senior Associate Dean for Graduate Education & Research, College of Arts & Science, 2015-18

Harvie Branscomb Distinguished Professor, 2015-16

Professor of Physics and Astronomy, 2011-16

Director, Vanderbilt Initiative in Data-intensive Astrophysics (VIDA), 2007-present

Founder and Director, Fisk-Vanderbilt Masters-to-PhD Bridge Program, 2004-15

Associate Professor of Physics and Astronomy, 2008-11

Assistant Professor of Physics and Astronomy, 2003-08

Fisk University

Adjoint Professor of Physics, 2006-present

University of Wisconsin—Madison

NASA Hubble Postdoctoral Research Fellow, Astronomy, 2001-03

Area: *Observational Studies of Low-Mass Star Formation*

Mentor: Robert D. Mathieu

University of Wisconsin—Madison

Assistant Director and Postdoctoral Fellow, NSF Graduate K-12 Teaching Fellows Program, 2000-01

Duties: *Development of fellowship program, instructor for graduate course in science education research*

Mentor: Terrence Millar

HONORS AND AWARDS

Member of the American Academy of Arts and Sciences—2023-present

Legacy Fellow of the American Astronomical Society—2020

Research Corporation for Science Advancement IMPACT Award—2019

Presidential Award for Excellence in Science, Math, and Engineering Mentoring—2018

AAAS Mentor of the Year—2018
 HHMI Professor—2018-23
 Research Corporation for Science Advancement SEED Award—2017
 Fellow of the American Physical Society—2016-present
 Research Corporation for Science Advancement TREE Award—2015
 Diversity Visionary Award, Insight into Diversity—2015
 American Physical Society Nicholson Medal for Human Outreach—2013
 Fellow of the American Association for the Advancement of Science—2012-present
 Martin Luther King Distinguished Visiting Professor, Massachusetts Institute of Technology—2011-12
 Marsico Distinguished Visiting Scholar, University of Denver—2010
 Fletcher Foundation Fellow (prize for significant work advancing race relations)—2009-10
 Caroline Herschel Distinguished Visiting Scholar, Space Telescope Science Institute—2007-08
 Ford Foundation Sabbatical Fellowship—2007-08
 Chancellor's Award for Faculty Research, Vanderbilt University—2007
 Research Corporation Cottrell Scholar Award, Vanderbilt University—2006-10
 Vanderbilt Affirmative Action and Diversity Initiatives Award, Vanderbilt University—2005
 NSF Career Award, Vanderbilt University—2004-11
 NASA Hubble Postdoctoral Fellowship, UW Madison—2001-03
 NSF Astronomy and Astrophysics Postdoctoral Fellowship (declined)—2001
 Ford Foundation Minority Postdoctoral Fellowship (declined)—2001
 NSF GK-12 Postdoctoral Fellowship, UW Madison—2000-01
 Minority Scholar-In-Residence, UW Madison—2000-01
 Ford Foundation Minority Dissertation Fellowship, UW Madison—1999-2000
 University of Wisconsin Graduate Fellowship, UW Madison—1998-99
 NSF Graduate Research Fellowship, UW Madison—1995-98
 Valedictorian, Physics/Astronomy, UC Berkeley—1994
 Dorothy K. Roberts Prize for Outstanding Achievement in Astronomy, UC Berkeley—1994
 Chancellor's Scholar, UC Berkeley—1990-94

LEADERSHIP AND SERVICE

Member, National Science Board—2023-present
 Member, National Academy of Sciences Space Studies Board—2023-present
 Member, Steering Committee, AAAS Section D (Astronomy)—2023-present
 Member, National Academy of Sciences Roundtable on Mentorship, Well-being, and Professional Development, 2023-present
 Member, External Visiting Committee, Department of Astrophysical Sciences, Princeton University, 2023
 Member, Astronomy & Astrophysics Advisory Committee (AAAC)—2022-23
 Member, National Academy of Sciences Committee on Increasing Diversity and Inclusion in the Leadership of Competed Space Missions—2021-22
 Member, NASA Committee to Review the Hubble Fellowship Program—2021
 Member, National Academy of Sciences Astro2020 Decadal Review Steering Committee—2019-21
 Presidential Line, Society of Senior Ford Fellows—2019-20
 Chair, Sloan Digital Sky Survey V Executive Committee—2019-22
 Member, National Academies Committee to Review the NASA Science Plan—2019
 Member, Scientific Organizing Committee, TESS Asteroseismology Consortium Conference—2019-20
 Advisory Board Member, Auticon Corporation—2018-22
 Member, National Academies Committee on Underrepresentation of Women in STEM—2018-19
 Member, National Science Foundation Committee of Visitors Division of Graduate Education, 2018
 Member, National Academies Committee on the Science of Effective Mentoring in STEM—2017-19

Co-chair, Senior Ford Foundation Fellows Organizing Committee—2016-18
 Invited Member, American Astronomical Society Committee on Graduate Student Diversity—2017-18
 Co-chair, Vanderbilt University Chancellor's Committee on Diversity, Inclusion, and Community—2015-16
 Member, White House STEM Initiative—2015
 Member, Keck Observatory Steering Committee—2015-16
 Member, AAAS Blue Ribbon Committee on STEM Education—2015-16
 Chair, Sloan Digital Sky Survey IV Executive Committee—2013-22
 Elected Member, Board of Directors, American Physical Society—2013-15
 Elected Member, ad hoc Committee on APS Corporate Reform, American Physical Society—2013-15
 Steering Committee Member, Chancellor's Task Force on Educational Technologies, Vanderbilt—2013
 Advisory Council Member, Vanderbilt Institute for Digital Learning—2013-17
 Co-Investigator, NASA Transiting Exoplanet Survey Satellite (TESS)—2012-present
 Member, Scientific Organizing Committee, Conference on the Analysis of Binary Stars—2012-13
 Chair, Committee on the Participation of Minorities, Sloan Digital Sky Survey—2013-20
 Chair, Physics & Astronomy Department Committee on Research, Rankings and Awards—2012-present
 Chair, Committee on Diversity and the Future of the Workforce, AURA—2012-15
 Invited Member, NSF Blue Ribbon Panel on CAREER Awards Program—2012
 General Councillor, American Physical Society—2011-15
 Member, NSF Committee on Equal Opportunity in Science and Engineering (CEOSE)—2011-15
 Member, Scientific Organizing Committee, Ringberg Conference on Brown Dwarfs—2011-12
 Member, Scientific Organizing Committee, 17th Conference on Cool Stars and the Sun—2011-12
 Invited witness, US House of Representatives Committee on Science and Technology—March 2010
 Chair, Survey Science Team, Sloan Digital Sky Survey III MARVELS project—2010-14
 Member, Sloan Digital Sky Survey III Executive Committee—2010-14
 Vice Chair, Large Synoptic Survey Telescope, Astroinformatics Science Working Group—2010-15
 Institutional Representative, Large Synoptic Survey Telescope—2009-15
 Astro2010 Decadal Survey, State of the Profession Study Group, National Research Council—2009-10
 Graduate Education Task Force, Vanderbilt University—2008-09
 Visiting Committee, National Optical Astronomy Observatories—2008-09
 Executive Committee, Vanderbilt Center for Integration of Research Teaching and Learning—2008-15
 Organizing Committee, Conference of Ford Fellows—2007-09
 Congressional FACA Astronomy and Astrophysics Advisory Committee—2006-09
 External Review of Associated Universities for Research in Astronomy, National Science Foundation—2006
 Committee of Visitors, NSF Astronomy Division—2005
 Executive Board, NSF-funded Institute for Broadening Participation—2005-16
 Co-Director, Fisk Astronomy and Space Science Training (FASST) program—2004-present
 Organizing Committee, National Society of Black Physicists Annual Conference—2004-13
 Content Adviser, NASA PlanetQuest Español website, 2005
 Organizing Committee, NASA Chicago 2004 Conference on Diversity—2004
 Faculty Mentor, NSF Astronomy & Astrophysics Postdoctoral Fellows Program—2004-05
 Session Organizer, SACNAS Annual Conference—2003-present
 Chair, American Astronomical Society Committee on Status of Minorities in Astronomy—2003-08
 Editor, American Astronomical Society *Spectrum* Newsletter on Diversity in the Sciences—2002-08
 Content Adviser, Astronomical Society of the Pacific's "El Universo a Sus Pies" Project—2001
 Director, *Scopes for Schools* astronomy outreach program—1998-present
 Proposal Reviewer: NSF, NASA, Keck Observatory
 Manuscript referee: *Astrophysical Journal*, *Astronomical Journal*, *Astronomy & Astrophysics*, *Nature*

STUDENTS AND POSTDOCS ADVISED***Former postdoctoral associates placed in academic research positions:***

1. David James (staff researcher at Harvard-Smithsonian Center for Astrophysics)
2. Erika Grundstrom (director of astronomy laboratories at Vanderbilt University)
3. Leslie Hebb (associate professor at Hobart & William Smith College)
4. Joshua Pepper (associate professor at Lehigh University)
5. Nathan De Lee (associate professor at University of Northern Kentucky)
6. Martin Paegert (staff researcher at Harvard-Smithsonian Center for Astrophysics)
7. Rodolfo Montez (staff scientist at Harvard Chandra X-ray Center)
8. Richard Galvez (future faculty fellow at New York University)
9. Natalie Hinkel (staff scientist at Southwest Research Institute)
10. Caleb Wheeler (staff scientist at Arizona State University)
11. Karen Collins (staff scientist at Harvard-Smithsonian Center for Astrophysics)
12. Jedidah Isler (assistant professor at Dartmouth College)
13. Fernanda Elliott (assistant professor at Grinnell College)
14. Jon Bird (research assistant professor at Vanderbilt University)
15. Ryan Oelkers (staff scientist at NASA MSFC)
16. Nina Hernitschek (assistant professor at Universidad de Chile)
17. Marina Kounkel (assistant professor at University of North Florida)

PhDs completed:

1. Alicia Aarnio, PhD 2010 (assistant professor at University of North Carolina, Greensboro)
2. Phillip Cargile, PhD 2010 (research scientist at Harvard Center for Astrophysics)
3. Yilen Gomez Maqueo Chew, PhD 2010 (associate professor at UNAM Mexico City)
4. Saurav Dhital, PhD 2012 (research scientist at Embry Riddle Aeronautical University)
5. Thompson LeBlanc, PhD 2013 (data scientist at Hospital Corporation of America)
6. Julia Bodnarik, PhD 2013 (research scientist at University of Arizona)
7. Deatrick Foster, PhD 2013 (staff scientist at Naval Research Laboratory)
8. Fabienne Bastien, PhD 2014 (assistant professor at Penn State University)
9. Trey Mack, PhD 2014 (postdoc at AIP, Potsdam, Germany)
10. Victor Garcia, PhD 2016 (postdoc at Lawrence Livermore National Lab)
11. Joey Rodriguez, PhD 2016 (assistant professor at Michigan State University)
12. Brenden Wiggins, PhD 2016 (staff scientist at Los Alamos National Lab)
13. David Caudel, PhD 2017 (executive director of Vanderbilt Center for Autism & Innovation)
14. Michael Lund, PhD 2017 (postdoc at Caltech)
15. Kyle Conroy, PhD 2018 (postdoc at Villanova University)
16. Rose Perea, PhD 2019 (NRC postdoc fellow at Naval Research Lab)
17. Robert Siverd, PhD 2019 (research scientist at Gemini North Observatory)
18. Teresa Monsue, PhD 2019 (postdoc at NASA GSFC)
19. Savannah Jacklin, PhD 2020 (staff scientist at Northrup Grumman Corporation)
20. Samaiyah Farid, PhD 2020 (postdoc at Yale University)
21. Ardelia Clarke, PhD 2020 (staff scientist at Pacific Northwest National Lab)
22. Laura Vega, PhD 2021 (postdoc at NASA GSFC)
23. George Vejar, PhD 2022 (data scientist in private industry)
24. Dax Feliz, PhD 2022 (postdoctoral fellow at Flatiron Center for Computational Astrophysics)

Postdoctoral associates supervised:

1. Iliya Medan (Vanderbilt University)—2023-
2. William Grimble (Rochester Institute of Technology)—2023-
3. Lyra Cao (Vanderbilt University)—2023-
4. Marina Kounkel (Vanderbilt University)—2021-23

5. Nina Hernitschek (Vanderbilt University)—2019-23
6. David Caudel (Vanderbilt University)—2017-19
7. Fernanda Elliott (Vanderbilt University)—2017-20
8. Natalie Hinkel (Vanderbilt University)—2016-18
9. Garrett Somers (Vanderbilt University)—2016-19
10. Caleb Wheeler (Fisk University)—2016-18
11. Ryan Oelkers (Vanderbilt University)—2016-19
12. Jedidah Isler (Vanderbilt University)—2015-18
13. Karen Collins (Vanderbilt University)—2015-18
14. Jonathan Bird (Vanderbilt University)—2014-19
15. Emmanuel Rowe (Fisk University)—2013-18
16. Rodolfo Montez (Vanderbilt University)—2012-16
17. Nathan De Lee (Vanderbilt University)—2011-13
18. Phillip Cargile (Vanderbilt University)—2010-14
19. Leslie Hebb (Vanderbilt University)—2009-13
20. Martin Paegert (Vanderbilt University)—2009-15
21. Ian Nieves (Fisk University)—2009-11
22. Joshua Pepper (Vanderbilt University)—2007-13
23. Erika Grundstrom (Vanderbilt University)—2007-10
24. David James (Vanderbilt University)—2004-08

PhD dissertations supervised, dissertation committees chaired:

1. Jessica Stasik (Vanderbilt University)—2020-present
2. Don Dixon (Vanderbilt University)—2019-present
3. Richard Nederlander (Vanderbilt University)—2018-23
4. Robert Siverd (Vanderbilt University)—2018-20
5. Dax Feliz (Vanderbilt University)—2018-22
6. Stefan Laos (Vanderbilt University)—2017-21
7. George Vejar (Vanderbilt University)—2017-22
8. George Cooper (Vanderbilt University, ORNL Graduate Research Fellow)—2017-20
9. Savannah Jacklin (Vanderbilt University, IPAC/Caltech Graduate Research Fellow)—2017-20
10. Ardelia Clarke (Vanderbilt University, PNNL Graduate Research Fellow)—2016-20
11. Joseph Bell (Vanderbilt University, Y-12 Graduate Research Fellow)—2016-20
12. Laura Vega (Vanderbilt University, NASA Graduate Research Fellow)—2016-21
13. Samaiyah Farid (Vanderbilt University, Smithsonian Graduate Research Fellow)—2014-20
14. Teresa Monsue (Vanderbilt University, NASA Graduate Research Fellow)—2013-18
15. Rose Perea (Vanderbilt University)—2013-19
16. Joseph Rodriguez (Vanderbilt University)—2013-16
17. Brenden Wiggins (Vanderbilt University, Y-12 Graduate Research Fellow)—2013-17
18. David Caudel (Vanderbilt University)—2012-17
19. Kyle Conroy (Vanderbilt University, NASA Graduate Research Fellow)—2012-18
20. Victor Garcia (Vanderbilt University, Lowell Graduate Research Fellow)—2012-16
21. Michael Lund (Vanderbilt University)—2012-17
22. Fabienne Bastien (Vanderbilt University, NASA Graduate Research Fellow)—2010-14
23. Trey Mack (Vanderbilt University, NASA Graduate Research Fellow)—2009-14
24. Julia Bodnarik (Vanderbilt University, NASA Co-op Fellow)—2007-13
25. Deatrick Foster (Vanderbilt University, NASA Graduate Research Fellow)—2007-13
26. Thompson LeBlanc (Vanderbilt University, NASA Graduate Research Fellow)—2006-13
27. Saurav Dhital (Vanderbilt University)—2006-12
28. Phillip Cargile (Vanderbilt University)—2005-10
29. Alicia Aarnio (Vanderbilt University)—2005-10

30. Yilen Gomez Maqueo Chew (Vanderbilt University)—2004-10

PhD dissertation committees served:

1. Deeksha Adiani (Vanderbilt University)—2023-
2. Victor Calderon (Vanderbilt University)—2014-20
3. Bernadette Cogswell (Vanderbilt University)—2013-14
4. Brittany Kamai (Vanderbilt University, NSF Graduate Research Fellow)—2011-16
5. Matthew Richardson (Vanderbilt University)—2011-16
6. Heather Cegla (Queen’s University Belfast)—2010-13
7. Matt McCrumb (Queen’s University Belfast)—2010-12
8. Cullen Blake (Harvard University)—2009
9. Ebonee Walker (Vanderbilt University)—2008-12
10. Sonali Shukla (Vanderbilt University)—2007-09

MA theses supervised, thesis committees chaired:

1. Quadry Chance (Fisk University)—2018-20
2. Brianna Galgano (Fisk University)—2018-20
3. Amber Britt (Fisk University)—2017-19
4. Don Dixon (Fisk University)—2017-19
5. Joni Cunningham (Fisk University)—2017-19
6. Dax Feliz (Fisk University)—2016-18
7. George Cooper (Fisk University)—2015-17
8. George Vejar (Fisk University)—2015-17
9. Savannah Jacklin (Fisk University)—2015-17
10. Karl Jaehnig (Fisk University)—2015-17
11. Laura Vega (Fisk University)—2014-16
12. Joanna Egner (Fisk University)—2014-16
13. Joseph Rodriguez (Fisk University)—2012-13
14. Aaron Juarez (Fisk University)—2012-14
15. Charee Peters (Fisk University)—2011-13
16. Rose Perea (Fisk University)—2011-13
17. Teresa Monsue (Fisk University)—2011-13
18. Dan Burger (Vanderbilt University)—2011-13
19. Eugenio Garcia (Fisk University)—2010-12
20. Fabienne Bastien (Fisk University)—2008-10
21. Felipe Colazo (Fisk University)—2008-10
22. Sharina Haynes (Fisk University)—2008-10
23. Brittany Kamai (Fisk University)—2008-11
24. Erica Morgan (Fisk University)—2008-11
25. Matthew Richardson (Fisk University)—2008-10
26. Trey Mack (Fisk University)—2007-09
27. Melissa Harrison (Fisk University)—2005-07
28. Jedidah Isler (Fisk University)—2005-07
29. Julia Bodnarik (Fisk University)—2005-07
30. Luisa Zambrano (Fisk University)—2005-06
31. Helen Jackson (Fisk University)—2004-06
32. Tomas Yan (Fisk University)—2004-07
33. Thompson LeBlanc (Fisk University)—2004-06

MA thesis committees served:

1. Jonathan Florez (Fisk University)—2014
2. Michael Williams (Fisk University)—2011
3. Jessica Harris (Fisk University)—2010

4. Lauren Palladino (Fisk University)—2009
5. Desmond Campbell (Fisk University)—2008
6. Ariel Ruffin (Fisk University)—2007

BA honors theses supervised, thesis committees chaired:

1. Samantha Bianco (Vanderbilt University)—2019-22
2. Alyson Hughes (Vanderbilt University)—2018-20
3. Sebastian Lende (Vanderbilt University)—2018-20
4. Sarah Healy (Vanderbilt University)—2018-20
5. Natalie Gottschlich (Vanderbilt University)—2018-20
6. Justin Stevens (Vanderbilt University)—2017-20
7. Kevin Collins (Vanderbilt University)—2017-18
8. Brianna Galgano (Vanderbilt University)—2015-17
9. Jack Lubin (Vanderbilt University)—2014-16
10. Rachel Gibbs (Vanderbilt University)—2013-14
11. Woody Austin (Vanderbilt University)—2011-12
12. Alisha Kundert (Vanderbilt University)—2010-12
13. Kristie Canaday (Fisk University)—2010-11
14. Byron Price (Vanderbilt University)—2010-11
15. Daniel Lee (Fisk University)—2009-11
16. Dylan Wood (Vanderbilt University)—2009-11
17. Rebecca Rattray (Vanderbilt University)—2010-11
18. Dan Burger (Vanderbilt University)—2009-10
19. Calen Henderson (Vanderbilt University)—2006-09
20. Lawrence Staten (Vanderbilt University)—2006-07
21. James Ovelmen (Vanderbilt University)—2005-06
22. Felipe Colazo (Fisk University)—2005-08
23. David Hill (Fisk University)—2005-08
24. Matthew Richardson (Fisk University)—2005-08
25. Matthew Miller (Swarthmore College)—2003-04

BA honors thesis committees served:

1. Ben Wibking (Vanderbilt University)—2013
2. Amanda Benson (Vanderbilt University)—2009
3. Katherine Robbins (Vanderbilt University)—2009
4. Jackson Norris (Vanderbilt University)—2008
5. Chris Saling (Vanderbilt University)—2008
6. Andrew Collazzi (Vanderbilt University)—2006
7. James Schlaereth (Vanderbilt University)—2004

Summer REU undergraduate interns supervised:

1. Angelu Ramos (University of Hawaii)—2022
2. Ana Sammel (Humboldt State University)—2021
3. Kim Miskovetz (University of Hawaii)—2020
4. Max Brodheim (Hobart College)—2019
5. Caitlin Moeller (UMass Amherst)—2018
6. Edwin Santiago (University of Costa Rica)—2018
7. Richard Nederlander (Columbia University)—2017
8. Zameese Peters (Norfolk State University)—2017
9. John Thomas (Fisk University)—2017
10. Michael Davies (Fisk University)—2016
11. Miguel Botran (Oberlin College)—2016
12. Savannah Jacklin (Villanova University)—2014

13. Margaret Morris (Brandeis)—2014
14. Haley Tibbs (University of Arizona)—2014
15. Ethan Raymond (Vanderbilt University)—2014
16. Emily Rolen (Vanderbilt University)—2014
17. Rachel Gibbs (Vanderbilt University)—2013
18. Mahmoud Parvizi (Austin Peay State University)—2013
19. Sam Swihart (University of Michigan)—2013
20. Enmanuel Sanchez (Florida International University)—2013
21. Marialis Rosario (University of Puerto Rico)—2012-13
22. Sal Tajerina (University of Puerto Rico)—2012
23. Gabriel Jaffe (UT Austin)—2012
24. Allyn Durbin (Villanova University)—2011
25. Charee Peters (University of Denver)—2010
26. Alex Richert (University of Hawaii)—2010
27. Roxanna Shohadaee (University of Tennessee)—2010
28. Mark Bryant (Southern University)—2009
29. Heather Cegla (Minnesota State University)—2009
30. Eugenio Garcia (Johns Hopkins University)—2009
31. Francilia Samuel (Depauw University)—2008
32. Nathalia Alzate (Florida Tech)—2007
33. India Anderson (Southern University)—2007
34. Ximena Fernandez (Vassar College)—2007
35. Brittany Kamai (University of Hawaii)—2007
36. Trey Mack (University of North Carolina)—2006

GRANTS AS PI OR CO-PI

Agency	Period	Role	Type	Title	Amount
NSF BPE	2022-24	PI	Research	Center of Excellence for Equity in Engineering: The Autism Self-advocacy Center for Equity and Neurodiversity in Engineering (The A-SCENE) at Vanderbilt University	\$1.2M
NSF REU	2022-25	PI	Training	Research Experiences for Undergraduates in Physics at Vanderbilt University	\$430K
NSF ERC	2021-22	PI	Research	Engineering Research Center Planning Grant	\$100K
NSF HTF	2020-22	PI	Research	Commercialization of Technologies for STEM Employment of Individuals with Autism	\$5.0M
NASA TESS	2020-21	PI	Research	Classification of Stars in the TESS Full Frame Images	\$50K
NASA ADAP	2019-21	PI	Research	A Pipeline for Extraction of Stellar Light Curves from the TESS Full Frame Images	\$285K
NSF NRT	2019-24	PI	Training	Neurodiversity Inspired Science & Engineering	\$3.0M
NSF HTF	2019-20	Co-PI	Research	Technologies for STEM Employment of Individuals with Autism	\$1.0M
Heising Simons	2019-21	PI	Research	Postdoctoral Fellowship Program for Research in Astrophysics	\$900K
NSF REU	2019-21	Co-PI	Training	Research Experiences for Undergraduates in Physics at Vanderbilt University	\$350K
HHMI	2018-22	PI	Research	Howard Hughes Medical Institute Million Dollar Professor Prize	\$1.0M

NSF HTF	2017-18	PI	Research	Convergence HTF: Shaping the Future of Research on Human-Technology Partnerships to Increase STEM Workforce Engagement	\$100K
NASA XRP	2017-20	PI	Research	The Transiting Exoplanet Survey Satellite (TESS) Target Input Catalog and Candidate Target List	\$516K
Vanderbilt University	2017-18	PI	Research	Trans-Institutional Program grant to establish the Center for Autism & Innovation	\$200K
RCSA	2017-19	PI	Research	Cottrell SEED Award	\$100K
NSF OMA	2017-19	PI	Research	NSF INCLUDES DDLP: Southeastern Compact for Inclusive Student Transitions in Engineering and Physical Sciences (SCI-STEPS)	\$300K
NSF HRD	2016-21	PI	Research / Training	Alliances for Graduate Education and the Professoriate: Advancing Women of Color to the Faculty in STEM	\$2.1M
NSF LSAMP	2015-18	PI	Training	Tennessee Louis Stokes Alliance for Minority Participation Bridge to the Doctorate	\$987K
NSF PHY	2015-18	Co-PI	Training	Research Experiences for Undergraduates in Physics at Vanderbilt University	\$350K
DoEd GAANN	2015-18	PI	Training	Graduate Assistance in Areas of National Need: Physics and Astronomy at Vanderbilt University	\$900K
RCSA	2015-16	PI	Research	Cottrell TREE Award	\$100K
NSF AST	2014-19	PI	Research / Training	Graduate Opportunities at Fisk in Astronomy and Astrophysics Research (GO-FAAR)	\$2.2M
NIH R-25	2013-18	Co-PI	Training	The Fisk-Vanderbilt Biomedical Bridge to the Doctorate	\$2.0M
NSF PHY	2013-15	Co-PI	Training	Research Experiences for Undergraduates in Physics at Vanderbilt University	\$350K
NSF AST	2011-14	Co-PI	Research	Triangulating on Ages of Stars: Using Open Clusters to Calibrate Stellar Chronometers from Myr to Gyr Ages	\$372K
NASA ADAP	2011-14	PI	Research	The EB Factory: Harnessing the Power of Eclipsing Binary Stars in the Kepler Archive	\$369K
NSF CRPA	2011-13	PI	Outreach	Tennessee Explorers	\$150K
NASA	2011-14	PI	Training	Graduate Research Fellowships Program	\$135K
NSF HRD	2011-12	PI	Training	The Universities Network for Leadership Through Diversity (UN-LTD)	\$150K
NSF AST	2010-13	Co-PI	Research	Bringing eclipsing binary stars to the next level of benchmark precision	\$351K
NSF PHY	2010-13	Co-PI	Training	Research Experiences for Undergraduates in Physics at Vanderbilt University	\$328K
NASA Fermi	2010-12	Co-PI	Outreach	Bringing the Excitement of Astronomy to Underserved Audiences	\$36K
NSF AST	2009-14	PI	Research / Training	Graduate Opportunities at Fisk in Astronomy and Astrophysics Research (GO-FAAR)	\$2.5M
NASA	2009-12	PI	Training	Graduate Research Fellowships Program	\$135K
DoEd GAANN	2009-12	PI	Training	Graduate Assistance in Areas of National Need: Physics and Astronomy at Vanderbilt	\$784K

				University	
NSF HRD	2009-14	PI	Research / Training	Broadening Participation in Materials Science through Institutionalization of a Masters-PhD Bridge Program	\$1.25M
NSF AST	2009-12	PI	Research	Wide Low-Mass Binaries: Testing Theories of Star Formation and Evolution	\$342K
Vanderbilt University	2009-11	PI	Research	Discovery Grant: Development of REDDnet for Data-Intensive Astrophysics Applications	\$200K
NSF AST	2008-11	PI	Research	X-ray Production and Angular Momentum Evolution in Low-Mass Stars	\$290K
NSF PAARE	2008-09	PI	Research / Training	Graduate Opportunities at Fisk in Astronomy and Astrophysics Research	\$240K
Vanderbilt University	2007-12	PI	Research	The Vanderbilt Initiative in Data-intensive Astrophysics (VIDA)	\$2.2M
NSF REU	2007-10	Co-PI	Training	Research Experiences for Undergraduates in Physics at Vanderbilt University	\$300K
NASA Spitzer	2007-09	PI	Research	Spectral Energy Distribution of the First Brown-Dwarf Eclipsing Binary	\$15K
Research Corp.	2006-11	PI	Research	Cottrell Scholar Award	\$100K
NSF AST	2006-08	PI	Research	A Fundamental Calibration of Pre-Main-Sequence Evolution Models for Brown Dwarfs	\$125K
NASA Spitzer	2005-07	Co-PI	Research	The Angular Momentum Evolution of Young, Low-Mass Stars	\$67K
NASA Space Grant	2005-06	Co-PI	Outreach	The Fisk-Vanderbilt NASA Roadshow: Outreach to Underserved Communities with a Traveling Planetarium (D. James, PI)	\$20K
NSF Career	2004-09	PI	Research	Order-of-Magnitude Problems in Star Formation and Minority Representation	\$1.0M
NASA HST	2004-06	Co-PI	Research	The HST Survey of the Orion Nebula Cluster	\$848K
NASA MUCERPI	2003-06	Co-PI	Research / Training	Toward a Comprehensive Space Science Program at Fisk University	\$825K
NASA	2001-03	PI	Research	Hubble Postdoctoral Fellows Program	\$216K
NSF AST	2001-04	Co-PI	Research	Observational Tests of Pre-Main-Sequence Stellar Evolution Theory	\$415K
NASA Chandra	2001-02	Co-PI	Research	The Rotation-Activity Relationship Among Young Stars in Orion	\$60K
NSF GK-12	2000-03	Co-PI	Training	K-12 and Graduate Student Professional Development Partnership Program	\$1.1M

INVITED AND PLENARY TALKS—RESEARCH (** indicates conference plenary speaker)

1. ** American Astronomical Society, NASA's Great Observatories Program, January 2023
2. Northern Arizona University, Astronomy Colloquium, February 2022
3. Caltech, Astronomy Colloquium, December 2021
4. University of Pittsburgh, Astronomy Seminar, December 2021
5. University of Wisconsin, Astronomy Colloquium, October 2021
6. University of Chicago, Astronomy Colloquium, May 2021
7. University of Maryland, Astronomy Colloquium, April 2021
8. University of Minnesota, Astronomy Colloquium, March 2021

9. Princeton University, Astronomy Colloquium, March 2021
10. Harvard University, Physics Colloquium, March 2021
11. ** HHMI, HHMI Professors Research Symposium, February 2021
12. Large Synoptic Survey Telescope Consortium, Astronomy Seminar, October 2020
13. University of Texas, Physics Colloquium, September 2020
14. Harvard University, Physics Colloquium, September 2020
15. NASA Goddard Space Flight Center, Astronomy Colloquium, September 2020
16. University of California at Berkeley, Astronomy Colloquium, July 2020
17. University of North Carolina, Astronomy Colloquium, July 2020
18. University of Washington, Astronomy Colloquium, April 2020
19. National Science Foundation Human-Technology Frontiers Conference, Invited Talk, February 2020
20. ** National Academies Ford Fellows Conference, Invited Plenary, October 2019
21. ** Howard Hughes Medical Institute, Invited Prize Lecture, July 2019
22. Research Corporation for Science Advancement, Invited Prize Lecture, July 2019
23. University of California at Santa Barbara, Astronomy Colloquium, May 2019
24. University of Toledo, Astronomy Colloquium, April 2019
25. Indiana University, Distinguished Lecturer, April 2019
26. University of Cincinnati, Astronomy Colloquium, March 2019
27. New York University, Invited Presentation, March 2019
28. University of Pittsburgh, Invited Presentation, March 2019
29. University of California at Irvine, Invited Presentation, March 2019
30. University of Michigan, Invited Presentation, February 2019
31. University of Florida, Astronomy Colloquium, January 2019
32. California Institute of Technology, Thirty Meter Telescope Symposium, December 2018
33. Princeton University and Institute for Advanced Study, Astronomy Colloquium, November 2018
34. Cornell University, Distinguished Lecturer, October 2018
35. Yale University, Distinguished Lecturer, September 2018
36. Rice University, Astronomy Colloquium, August 2018
37. ** American Astronomical Society, Plenary Speaker, June 2018
38. Indiana University, Astronomy Colloquium, March 2018
39. University of Texas at Austin, Distinguished Astronomy Lecturer, February 2018
40. University of California at Los Angeles, Astronomy Colloquium, November 2017
41. University of Colorado, Astronomy Colloquium, September 2017
42. University of Wisconsin, Astronomy Colloquium, August 2017
43. Princeton University, Astronomy Seminar, February 2017
44. Harvard University, Astronomy Colloquium, February 2017
45. Swarthmore College, Astronomy Colloquium, September 2016
46. American Astronomical Society, Invited Special Session Speaker, June 2016
47. Harvard University Center for Astrophysics, Astronomy Seminar, May 2016
48. California State University Northridge, Distinguished University Lecture, March 2016
49. NASA Goddard Space Flight Center, Astronomy Colloquium, Feb 2016
50. University of Washington, Astronomy Colloquium, Nov 2015
51. Research Corporation for Science Advancement, Invited Presentation to the Board, Nov 2015
52. ** University of Michigan, Solar-Stellar Connection Conference, May 2015
53. Dartmouth College, Astronomy Colloquium, April 2015
54. Indiana University, Astronomy Colloquium, April 2015
55. New York University, Astronomy Colloquium, March 2015
56. University of Michigan, Astronomy Colloquium, Feb 2015
57. Stanford University, Distinguished Visiting Scholar Colloquium, Nov 2014
58. NASA WFIRST Science Meeting, Caltech, Nov 2014

59. Google SciFoo Meeting, GooglePlex, Aug 2014
60. ** NASA Sagan Workshop, Caltech, July 2014
61. TechConnect Entrepreneurship National Meeting, Washington DC, June 2014
62. American Physical Society, Nicholson Medalist Special Seminar, Mar 2014
63. University of Western Ontario, Astronomy Colloquium, Feb 2014
64. Ohio State University, Astronomy Colloquium, Feb 2014
65. University of Wisconsin—Madison, Astronomy Colloquium, Dec 2013
66. Penn State University, Astronomy Colloquium, Oct 2013
67. ** Space Telescope Science Institute, Orion Nebula Conference Plenary Talk, Oct 2013
68. American Astronomical Society Meeting, Invited Special Session Talk, Jan 2013
69. ** Palomar Observatory Science Meeting, Caltech, Invited Plenary, Nov 2012
70. ** International Conference on the 50th Anniversary of Brown Dwarf Stars, Invited Plenary, Oct 2012
71. Georgia State University, Physics & Astronomy Colloquium, Oct 2012
72. ** Keck Observatory Science Meeting, UC San Diego, Invited Plenary, Oct 2012
73. ** International Conference on Cool Stars and the Sun, Invited Plenary, June 2012
74. University of Texas at Austin, Physics Colloquium, Feb 2012
75. University of Maryland College Park, Physics Colloquium, Jan 2012
76. Harvard University, Invited Seminar, Center for the Search for Extrasolar Earths, Jan 2012
77. Yale University, Astronomy Colloquium, 2011
78. Dartmouth College, Physics Colloquium, 2011
79. Massachusetts Institute of Technology, Astrophysics Colloquium, 2011
80. Yale University, Physics Colloquium, 2011
81. University of Florida, Astronomy Colloquium, 2011
82. ** International Symposium on the Origin of Stellar Masses, Exeter University, 2010
83. University of California at San Diego, Astronomy Colloquium, 2010
84. University of California at Berkeley, Astronomy Colloquium, 2010
85. ** 16th Cambridge Symposium on Cool Stars and the Sun, University of Washington, 2010
86. ** Gordon Research Conference, Mt. Holyoke College, 2010
87. University of Denver, Marsico Distinguished Lecture, 2010
88. Carnegie Institution of Washington, Astronomy Colloquium, 2010
89. ** IAU Symposium on the Ages of Stars, 2009
90. Space Telescope Science Institute, Colloquium, 2009
91. University of Chicago, Astronomy Colloquium, 2009
92. University of Iowa, Astronomy Colloquium, 2008
93. ** 14th Cambridge Workshop on Cool Stars and the Sun, University of St. Andrews, 2008
94. Space Telescope Science Institute, Caroline Herschel Distinguished Lecture, 2008
95. ** International Gemini Observatory Key Science Symposium, 2007
96. University of Michigan, Astronomy Colloquium, 2007
97. Boston University, Astronomy Colloquium, 2007
98. Villanova University, Astronomy Colloquium, 2007
99. ** From Stars to Planets Symposium, University of Florida, 2007
100. University of Maryland, Astronomy Colloquium, 2007
101. Yale University, Astronomy Colloquium, 2006
102. Columbia University, Astronomy Colloquium, 2006
103. University of Virginia, Astronomy Colloquium, 2006
104. University of Arizona, Astronomy Colloquium, 2006
105. ** Protostars & Planets V Conference, University of Hawaii, 2005
106. American Astronomical Society Special Session, San Diego, 2005
107. University of Texas at Austin, Astronomy Colloquium, 2004
108. ** Large Synoptic Survey Telescope Science Workshop, Seattle, 2004

109. ** Gemini Observatory International Symposium, Vancouver, 2004
110. SUNY Stony Brook, Astronomy Colloquium, 2004
111. American Astronomical Society Special Session, Nashville, 2003
112. University of Washington, Astronomy Colloquium, 2003
113. Carnegie Institution of Washington, Astronomy Colloquium, 2003
114. University of Minnesota, Astronomy Colloquium, 2003
115. San Francisco State University, Astronomy Colloquium, 2003
116. American Astronomical Society Special Session, Albuquerque, 2002
117. McDonald Observatory, Astronomy Colloquium, 2002
118. Laboratoire d'Astrophysique Grenoble, Astronomy Colloquium, 2002
119. ** IAU Symposium on the Formation of Binary Stars, Potsdam, Germany, 2001
120. ** IAU Symposium on the Origin and Evolution of Young Stellar Clusters, 2001
121. Ohio State University, Astronomy Colloquium, 2001
122. ** IAU Symposium on Stellar Clusters and Associations, 2000
123. University of California at Berkeley, Astronomy Colloquium, 2000
124. Utrecht University, The Netherlands, Astronomy Colloquium, 2000
125. ** European Southern Observatory International Symposium, Palermo, Italy, 1999

INVITED AND PLENARY TALKS— DIVERSITY, EDUCATION, OUTREACH (indicates conference plenary speaker)**

1. ** Autism Society of America Conference, September 2022
2. ** University of Tennessee Forum on Disabilities and Employment, August 2022
3. ** Ernst & Young Strategic Growth Forum, November 2021
4. Ford Foundation Fellows Annual Conference, November 2021
5. European Astronomical Society, Neurodiversity in Astronomy Research Presentation, June 2021
6. CBS 60 Minutes with Anderson Cooper, Feature on Neurodiversity, November 2020:
<https://www.youtube.com/watch?v=YnAUy4BM0w8>
7. European Space Agency Diversity and Inclusion Summit, Invited Presentation, November 2020
8. College Autism Summit, Invited Presentation, October 2020
9. International Astronomical Union, Invited Presentation, October 2020
10. Cornell University, Invited Presentation, September 2020
11. Johns Hopkins University, Invited Presentation, September 2020
12. ** SAP Autism at Work Conference, Invited Plenary, October 2019
13. AAU Graduate Schools Conference, Invited Presentation, September 2019
14. ** University of Michigan, NextProf Plenary Speaker, May 2019
15. University of Texas, Distinguished Diversity Speaker, March 2019
16. Harvard University, Center for Astrophysics Mentor Speaker, August 2018
17. Research Corporation for Science Advancement, National Bridge Programs Speaker, June 2018
18. University of Michigan, NextProf Science Keynote Speaker, May 2018
19. Indiana University, Distinguished Diversity Seminar, March 2018
20. University of Texas at Austin, Distinguished Diversity Seminar, February 2018
21. Princeton University, President's Distinguished Lecture, October 2017
22. Texas A&M University, Graduate School Distinguished Lecture, October 2017
23. University of Pittsburgh, Graduate School Diversity Seminar, October 2017
24. University of Pittsburgh, School of Engineering Diversity Seminar, May 2017
25. Northwestern University, Distinguished Diversity Seminar, May 2017
26. Harvard University, Herschbach Distinguished Lecture, February 2017
27. ** APS Diversity Showcase, Washington DC, January 2017
28. Ohio State University, Diversity Forum, December 2016
29. ** AAAS Graduate Deans Conference, Carnegie Mellon University, November 2016

30. ** National Academies Ford Diversity Fellows, National Academy of Sciences, Sept 2016
31. KIPP Symposium, Invited Panelist, July 2016
32. MIT, Graduate Diversity Seminar, May 2016
33. Dartmouth College, Diversity Colloquium, April 2015
34. Indiana University, Diversity Colloquium, April 2015
35. New York University, Diversity Colloquium, March 2015
36. University of Michigan, Diversity Colloquium, Feb 2015
37. ** National Academies Ford Diversity Fellows, National Academy of Sciences, Sep 2014
38. Society for the Advancement of Chicanos and Native Americans in Science, Invited Talk, Oct 2014
39. American Museum of Natural History, Invited Astro Bridge Program talk, July 2014
40. Arkansas State University, EPSCOR Bridge Program Invited Talk, Mar 2014
41. Ohio State University, Graduate Division, Invited Talk, Feb 2014
42. UC Irvine DECADE Series, Invited Talk, Jan 2014
43. American Astronomical Society Meeting, Invited Special Session Talk, Jan 2014
44. Penn State University, Diversity Seminar, Oct 2013
45. ** American Institutes for Research, Plenary Talk, Sept 2013
46. American Museum of Natural History, Invited Colloquium, Sept 2013
47. UC Irvine, Astronomy, Invited Colloquium, July 2013
48. American Astronomical Society Meeting, Invited Special Session Talk, Jan 2013
49. ** Ford Foundation Fellows Conference, National Academies of Science, Invited Plenary, Sept 2012
50. MIT, Committee on Race and Diversity, 2011
51. Yale University, Physics Department, 2011
52. American Physical Society Meeting, 2011
53. NSF MPS Distinguished Lecture, 2011
54. NSF Astronomy & Astrophysics Postdoctoral Fellows Symposium, 2011
55. ** University of Michigan Symposium on Diversity in STEM, 2010
56. American Physical Society Meeting, 2010
57. Harvard University, Center for Astrophysics, 2009
58. Women and Minorities in Astronomy Meeting, 2009
59. ** The Future of Diversity and Opportunity in Higher Education Conference, Rutgers University, 2008
60. University of Iowa, Astronomy Department, 2008
61. Boston University, Astronomy Department, 2008
62. ** Ford Foundation Fellows Annual Conference, 2008
63. American Physical Society Meeting, 2008
64. Yale University, Astronomy Department, 2007
65. ** University of Michigan ADVANCE Symposium, 2007
66. American Physical Society Gender and Diversity Conference, 2007
67. Columbia University, Astronomy Department, 2006
68. University of Texas at Austin, Astronomy Department, 2004
69. NSF IGERT PI Meeting, 2004
70. ** Women in Astronomy II Meeting, 2003
71. ** American Association of Physics Teachers Meeting, 2003
72. University of Washington, Astronomy Department, 2003
73. University of Minnesota, Astronomy Department, 2003
74. American Astronomical Society Special Session, 2003
75. Ohio State University, Astronomy Department, 2001
76. American Astronomical Society Special Session, Atlanta, 2000

PUBLICATIONS—PEER REVIEWED JOURNALS—IN PRINT OR IN PRESS

(UP TO DATE LISTING AVAILABLE AT: [HTTP://ASTRO.PHY.VANDERBILT.EDU/~STASSUK/PUBS.HTM](http://astro.phy.vanderbilt.edu/~stassuk/pubs.htm))*Total publications in refereed journals: 525. Citation count as of 18 April 2023: 31,603 (h index = 77)*

1. Román-Zúñiga, C. G., Kounkel, M., Hernández, J., Peña Ramírez, K., López-Valdivia, R., Covey, K. R., Stutz, A. M., Roman-Lopes, A., Campbell, H., Khilfeh, E., et al., 2023, *The Astronomical Journal*, "Stellar Properties for a Comprehensive Collection of Star-forming Regions in the SDSS APOGEE-2 Survey"
2. Essack, Z., Shporer, A., Burt, J. A., Seager, S., Cambioni, S., Lin, Z., Collins, K. A., Mamajek, E. E., **Stassun**, K. G., Ricker, G. R., et al., 2023, *The Astronomical Journal*, "TOI-1075 b: A Dense, Massive, Ultra-short-period Hot Super-Earth Straddling the Radius Gap"
3. DiTomasso, V., Nava, C., López-Morales, M., Bieryla, A., Cloutier, R., Malavolta, L., Mortier, A., Buchhave, L. A., **Stassun**, K. G., Sozzetti, A., et al., 2023, *The Astronomical Journal*, "Independent Validation of the Temperate Super-Earth HD 79211 b using HARPS-N"
4. Campbell, H., Khilfeh, E., Covey, K. R., Kounkel, M., Ballantyne, R., Corey, S., Román-Zúñiga, C. G., Hernández, J., Manzo Martínez, E., Peña Ramírez, K., et al., 2023, *The Astrophysical Journal*, "Pre-main-sequence Brackett Emitters in the APOGEE DR17 Catalog: Line Strengths and Physical Properties of Accretion Columns"
5. Gan, T., Wang, S. X., Wang, S., Mao, S., Huang, C. X., Collins, K. A., **Stassun**, K. G., Shporer, A., Zhu, W., Ricker, G. R., et al., 2023, *The Astronomical Journal*, "Occurrence Rate of Hot Jupiters Around Early-type M Dwarfs Based on Transiting Exoplanet Survey Satellite Data"
6. El Mufti, M., Plavchan, P. P., Isaacson, H., Cale, B. L., Feliz, D. L., Reefe, M. A., Hellier, C., **Stassun**, K., Eastman, J., Polanski, A., et al., 2023, *The Astronomical Journal*, "TOI 560: Two Transiting Planets Orbiting a K Dwarf Validated with iSHELL, PFS, and HIRES RVs"
7. Hill, L., Thomas, D., Maraston, C., Yan, R., Lazarz, D., Chen, Y.-P., Stringfellow, G. S., Cappellari, M., Holtzman, J. A., Imig, J., et al., 2022, *Monthly Notices of the Royal Astronomical Society*, "SDSS-IV MaStar: $[\alpha/\text{Fe}]$ for the MaNGA Stellar Library from synthetic model spectra"
8. Kounkel, M., McBride, A., **Stassun**, K. G., Leigh, N., 2022, *Monthly Notices of the Royal Astronomical Society*, "Searching for young runaways across the sky"
9. **Stassun**, K. G., Torres, G., Kounkel, M., Feliz, D. L., Bouma, L. G., Howell, S. B., Gnilka, C. L., Furlan, E., 2022, *The Astrophysical Journal*, "A Low-mass Pre-main-sequence Eclipsing Binary in Lower Centaurus Crux Discovered with TESS"
10. Cacciapuoti, L., Inno, L., Covone, G., Kostov, V. B., Barclay, T., Quintana, E. V., Colon, K. D., **Stassun**, K. G., Hord, B., Giacalone, S., et al., 2022, *Astronomy and Astrophysics*, "TESS discovery of a super-Earth and two sub-Neptunes orbiting the bright, nearby, Sun-like star HD 22946"
11. Grieves, N., Bouchy, F., Ulmer-Moll, S., Gill, S., Anderson, D. R., Psaridi, A., Lendl, M., **Stassun**, K. G., Jenkins, J. M., Burleigh, M. R., et al., 2022, *Astronomy and Astrophysics*, "An old warm Jupiter orbiting the metal-poor G-dwarf TOI-5542"
12. Kounkel, M., **Stassun**, K. G., Covey, K., Hartmann, L., 2022, *Monthly Notices of the Royal Astronomical Society*, "A gravitational and dynamical framework of star formation: the Orion nebula"
13. Ball, W. H., Miglio, A., Chaplin, W. J., **Stassun**, K. G., García, R., González-Cuesta, L., Mathur, S., Appourchaux, T., Benomar, O., Buzasi, D. L., et al., 2022, *Monthly Notices of the Royal Astronomical Society*, "Solar-like oscillations and ellipsoidal variations in TESS observations of the binary 12 Boötis"
14. El-Badry, K., Conroy, C., Quataert, E., Rix, H.-W., Labadie-Bartz, J., Jayasinghe, T., Thompson, T., Cargile, P., **Stassun**, K. G., Ilyin, I., 2022, *Monthly Notices of the Royal Astronomical Society*, "Birth of a Be star: an APOGEE search for Be stars forming through binary mass transfer"
15. Di Mauro, M. P., Reda, R., Mathur, S., García, R. A., Buzasi, D. L., Corsaro, E., Benomar, O., González Cuesta, L., **Stassun**, K. G., Benatti, S., et al., 2022, *The Astrophysical Journal*, "On the Characterization of GJ 504: A Magnetically Active Planet-host Star Observed by the Transiting Exoplanet Survey Satellite (TESS)"
16. Delrez, L., Murray, C. A., Pozuelos, F. J., Narita, N., Ducrot, E., Timmermans, M., Watanabe, N.,

- Burgasser, A. J., Hirano, T., Rackham, B. V., et al., 2022, *Astronomy and Astrophysics*, "Two temperate super-Earths transiting a nearby late-type M dwarf"
17. Knudstrup, E., Serrano, L. M., Gandolfi, D., Albrecht, S. H., Cochran, W. D., Endl, M., MacQueen, P., Tronsgaard, R., Bieryla, A., Buchhave, L. A., et al., 2022, *Astronomy and Astrophysics*, "Confirmation and characterisation of three giant planets detected by TESS from the FIES/NOT and Tull/McDonald spectrographs"
 18. Kounkel, M., **Stassun**, K. G., Bouma, L. G., Covey, K., Hillenbrand, L. A., Curtis, J. L., 2022, *The Astronomical Journal*, "Untangling the Galaxy. IV. Empirical Constraints on Angular Momentum Evolution and Gyrochronology for Young Stars in the Field"
 19. Anguiano, B., Majewski, S. R., **Stassun**, K. G., Badenes, C., Daher, C. M., Dixon, D., Allende Prieto, C., Schneider, D. P., Price-Whelan, A. M., Beaton, R. L., 2022, *The Astronomical Journal*, "White Dwarf Binaries across the H-R Diagram"
 20. Persson, C. M., Georgieva, I. Y., Gandolfi, D., Acuna, L., Aguichine, A., Muresan, A., Guenther, E., Livingston, J., Collins, K. A., Dai, F., et al., 2022, *Astronomy and Astrophysics*, "TOI-2196 b: Rare planet in the hot Neptune desert transiting a G-type star"
 21. Dransfield, G., Triaud, A. H. M. J., Guillot, T., Mekarnia, D., Nesvorný, D., Crouzet, N., Abe, L., Agabi, K., Buttu, M., Cabrera, J., et al., 2022, *Monthly Notices of the Royal Astronomical Society*, "HD 28109 hosts a trio of transiting Neptunian planets including a near-resonant pair, confirmed by ASTEP from Antarctica"
 22. Chance, Q., Ballard, S., **Stassun**, K., 2022, *The Astrophysical Journal*, "Signatures of Impact-driven Atmospheric Loss in Large Ensembles of Exoplanets"
 23. Cadieux, C., Doyon, R., Plotnykov, M., Hébrard, G., Jahandar, F., Artigau, É., Valencia, D., Cook, N. J., Martioli, E., Vandal, T., et al., 2022, *The Astronomical Journal*, "TOI-1452 b: SPIRou and TESS Reveal a Super-Earth in a Temperate Orbit Transiting an M4 Dwarf"
 24. Carmichael, T. W., Irwin, J. M., Murgas, F., Pallé, E., **Stassun**, K. G., Bartnik, M., Collins, K. A., de Leon, J., Esparza-Borges, E., Fedewa, J., et al., 2022, *Monthly Notices of the Royal Astronomical Society*, "TOI-2119: a transiting brown dwarf orbiting an active M-dwarf from NASA's TESS mission"
 25. Giacalone, S., Dressing, C. D., García Muñoz, A., Hooton, M. J., **Stassun**, K. G., Quinn, S. N., Zhou, G., Ziegler, C., Vanderspek, R., Latham, D. W., et al., 2022, *The Astrophysical Journal*, "HD 56414 b: A Warm Neptune Transiting an A-type Star"
 26. Kounkel, M., Deng, T., **Stassun**, K. G., 2022, *The Astronomical Journal*, "Dynamical Star-forming History of Per OB2"
 27. Luque, R., Fulton, B. J., Kunimoto, M., Amado, P. J., Gorrini, P., Dreizler, S., Hellier, C., Henry, G. W., Molaverdikhani, K., Morello, G., et al., 2022, *Astronomy and Astrophysics*, "The HD 260655 system: Two rocky worlds transiting a bright M dwarf at 10 pc"
 28. Psaridi, A., Bouchy, F., Lendl, M., Grieves, N., **Stassun**, K. G., Carmichael, T., Gill, S., Peña Rojas, P. A., Gan, T., Shporer, A., et al., 2022, *Astronomy and Astrophysics*, "Three new brown dwarfs and a massive hot Jupiter revealed by TESS around early-type stars"
 29. Quanz, S. P., Ottiger, M., Fontanet, E., Kammerer, J., Menti, F., Dannert, F., Gheorghe, A., Absil, O., Airapetian, V. S., Alei, E., et al., 2022, *Astronomy and Astrophysics*, "Large Interferometer For Exoplanets (LIFE). I. Improved exoplanet detection yield estimates for a large mid-infrared space-interferometer mission"
 30. Gould, A., Han, C., Zang, W., Yang, H., Hwang, K.-H., Udalski, A., Bond, I. A., Albrow, M. D., Chung, S.-J., Jung, Y. K., et al., 2022, *Astronomy and Astrophysics*, "Systematic KMTNet planetary anomaly search. V. Complete sample of 2018 prime-field"
 31. Bonidie, V., Court, T., Daher, C. M., Fielder, C. E., Badenes, C., Newman, J., Moe, M., Kratter, K. M., Walker, M. G., Majewski, S. R., et al., 2022, *The Astrophysical Journal*, "Multiplicity Statistics of Stars in the Sagittarius Dwarf Spheroidal Galaxy: Comparison to the Milky Way"
 32. Metcalfe, T. S., Finley, A. J., Kochukhov, O., See, V., Ayres, T. R., **Stassun**, K. G., van Saders, J. L., Clark, C. A., Godoy-Rivera, D., Ilyin, I. V., et al., 2022, *The Astrophysical Journal*, "The Origin of Weakened

- Magnetic Braking in Old Solar Analogs"
33. Wittrock, J. M., Dreizler, S., Reefe, M. A., Morris, B. M., Plavchan, P. P., Lowrance, P. J., Demory, B.-O., Ingalls, J. G., Gilbert, E. A., Barclay, T., et al., 2022, *The Astronomical Journal*, "Transit Timing Variations for AU Microscopii b and c"
 34. Hord, B. J., Colón, K. D., Berger, T. A., Kostov, V., Silverstein, M. L., **Stassun**, K. G., Lissauer, J. J., Collins, K. A., Schwarz, R. P., Sefako, R., et al., 2022, *The Astronomical Journal*, "The Discovery of a Planetary Companion Interior to Hot Jupiter WASP-132 b"
 35. Weinberg, D. H., Holtzman, J. A., Johnson, J. A., Hayes, C., Hasselquist, S., Shetrone, M., Ting, Y.-S., Beaton, R. L., Beers, T. C., Bird, J. C., et al., 2022, *The Astrophysical Journal Supplement Series*, "Chemical Cartography with APOGEE: Mapping Disk Populations with a 2-process Model and Residual Abundances"
 36. Mori, M., Livingston, J. H., Leon, J. de ., Narita, N., Hirano, T., Fukui, A., Collins, K. A., Fujita, N., Hori, Y., Ishikawa, H. T., et al., 2022, *The Astronomical Journal*, "TOI-1696: A Nearby M4 Dwarf with a 3 R \oplus Planet in the Neptunian Desert"
 37. Turtelboom, E. V., Weiss, L. M., Dressing, C. D., Nowak, G., Pallé, E., Beard, C., Blunt, S., Brinkman, C., Chontos, A., Claytor, Z. R., et al., 2022, *The Astronomical Journal*, "The TESS-Keck Survey. XI. Mass Measurements for Four Transiting Sub-Neptunes Orbiting K Dwarf TOI-1246"
 38. Reefe, M. A., Luque, R., Gaidos, E., Beard, C., Plavchan, P. P., Cointepas, M., Cale, B. L., Palle, E., Parviainen, H., Feliz, D. L., et al., 2022, *The Astronomical Journal*, "A Close-in Puffy Neptune with Hidden Friends: The Enigma of TOI 620"
 39. Šubjak, J., Endl, M., Chaturvedi, P., Karjalainen, R., Cochran, W. D., Esposito, M., Gandolfi, D., Lam, K. W. F., **Stassun**, K., Žák, J., et al., 2022, *Astronomy and Astrophysics*, "TOI-1268b: The youngest hot Saturn-mass transiting exoplanet"
 40. Daher, C. M., Badenes, C., Tayar, J., Pinsonneault, M., Koposov, S. E., Kratter, K., Moe, M., Anguiano, B., Godoy-Rivera, D., Majewski, S., et al., 2022, *Monthly Notices of the Royal Astronomical Society*, "Stellar multiplicity and stellar rotation: insights from APOGEE"
 41. Christian, S., Vanderburg, A., Becker, J., Yahalomi, D. A., Pearce, L., Zhou, G., Collins, K. A., Kraus, A. L., **Stassun**, K. G., de Beurs, Z., et al., 2022, *The Astronomical Journal*, "A Possible Alignment Between the Orbits of Planetary Systems and their Visual Binary Companions"
 42. Abdurro'uf, Accetta, K., Aerts, C., Silva Aguirre, V., Ahumada, R., Ajgaonkar, N., Filiz Ak, N., Alam, S., Allende Prieto, C., Almeida, A., et al., 2022, *The Astrophysical Journal Supplement Series*, "The Seventeenth Data Release of the Sloan Digital Sky Surveys: Complete Release of MaNGA, MaStar, and APOGEE-2 Data"
 43. Sprague, D., Culhane, C., Kounkel, M., Olney, R., Covey, K. R., Hutchinson, B., Lingg, R., **Stassun**, K. G., Román-Zúñiga, C. G., Roman-Lopes, A., et al., 2022, *The Astronomical Journal*, "APOGEE Net: An Expanded Spectral Model of Both Low-mass and High-mass Stars"
 44. Silverstein, M. L., Schlieder, J. E., Barclay, T., Hord, B. J., Jao, W.-C., Vrijmoet, E. H., Henry, T. J., Cloutier, R., Kostov, V. B., Kruse, E., et al., 2022, *The Astronomical Journal*, "The LHS 1678 System: Two Earth-sized Transiting Planets and an Astrometric Companion Orbiting an M Dwarf Near the Convective Boundary at 20 pc"
 45. Günther, M. N., Berardo, D. A., Ducrot, E., Murray, C. A., **Stassun**, K. G., Olah, K., Bouma, L. G., Rappaport, S., Winn, J. N., Feinstein, A. D., et al., 2022, *The Astronomical Journal*, "Complex Modulation of Rapidly Rotating Young M Dwarfs: Adding Pieces to the Puzzle"
 46. Martioli, E., Hébrard, G., Fouqué, P., Artigau, É., Donati, J.-F., Cadieux, C., Bellotti, S., Lecavelier des Etangs, A., Doyon, R., do Nascimento, J.-D., et al., 2022, *Astronomy and Astrophysics*, "TOI-1759 b: A transiting sub-Neptune around a low mass star characterized with SPIRou and TESS"
 47. Gan, T., Lin, Z., Wang, S. X., Mao, S., Fouqué, P., Fan, J., Bedell, M., **Stassun**, K. G., Giacalone, S., Fukui, A., et al., 2022, *Monthly Notices of the Royal Astronomical Society*, "TOI-530b: a giant planet transiting an M-dwarf detected by TESS"
 48. Souto, D., Cunha, K., Smith, V. V., Prieto, C. A., Covey, K., García-Hernández, D. A., Holtzman, J. A.,

- Jönsson, H., Mahadevan, S., Majewski, S. R., et al., 2022, *The Astrophysical Journal*, "Detailed Chemical Abundances for a Benchmark Sample of M Dwarfs from the APOGEE Survey"
49. Hedges, C., Hughes, A., Zhou, G., David, T. J., Becker, J., Giacalone, S., Vanderburg, A., Rodriguez, J. E., Bieryla, A., Wirth, C., et al., 2022, *The Astronomical Journal*, "Erratum: "TOI-2076 and TOI-1807: Two Young, Comoving Planetary Systems within 50 pc Identified by TESS that are Ideal Candidates for Further Follow Up" (2021, AJ, 162, 54)"
 50. Wilson, R. F., Cañas, C. I., Majewski, S. R., Cunha, K., Smith, V. V., Bender, C. F., Mahadevan, S., Fleming, S. W., Teske, J., Ghezzi, L., et al., 2022, *The Astronomical Journal*, "The Influence of 10 Unique Chemical Elements in Shaping the Distribution of Kepler Planets"
 51. Fukui, A., Kimura, T., Hirano, T., Narita, N., Kodama, T., Hori, Y., Ikoma, M., Pallé, E., Murgas, F., Parviainen, H., et al., 2022, *Publications of the Astronomical Society of Japan*, "TOI-2285b: A 1.7 Earth-radius planet near the habitable zone around a nearby M dwarf"
 52. Wittenmyer, R. A., Clark, J. T., Trifonov, T., Addison, B. C., Wright, D. J., **Stassun**, K. G., Horner, J., Lawson, N., Kielkopf, J., Kane, S. R., et al., 2022, *The Astronomical Journal*, "TOI-1842b: A Transiting Warm Saturn Undergoing Reinflation around an Evolving Subgiant"
 53. Huber, D., White, T. R., Metcalfe, T. S., Chontos, A., Fausnaugh, M. M., Ho, C. S. K., Van Eylen, V., Ball, W. H., Basu, S., Bedding, T. R., et al., 2022, *The Astronomical Journal*, "A 20 Second Cadence View of Solar-type Stars and Their Planets with TESS: Asteroseismology of Solar Analogs and a Recharacterization of π Men c"
 54. Heidari, N., Boisse, I., Orell-Miquel, J., Hébrard, G., Acuña, L., Hara, N. C., Lillo-Box, J., Eastman, J. D., Arnold, L., Astudillo-Defru, N., et al., 2022, *Astronomy and Astrophysics*, "HD 207897 b: A dense sub-Neptune transiting a nearby and bright K-type star"
 55. Hill, L., Thomas, D., Maraston, C., Yan, R., Neumann, J., Lundgren, A., Lazarz, D., Chen, Y.-P., Cappellari, M., Holtzman, J. A., et al., 2022, *Monthly Notices of the Royal Astronomical Society*, "SDSS-IV MaStar: theoretical atmospheric parameters for the MaNGA stellar library"
 56. Lewis, H. M., Anguiano, B., Majewski, S. R., Nidever, D. L., Badenes, C., De Lee, N., Hasselquist, S., Mazzola Daher, C., **Stassun**, K. G., Bizyaev, D., et al., 2022, *Monthly Notices of the Royal Astronomical Society*, "Close substellar-mass companions in stellar wide binaries: discovery and characterization with APOGEE and Gaia DR2"
 57. Prša, A., Kochoska, A., Conroy, K. E., Eisner, N., Hey, D. R., IJSpeert, L., Kruse, E., Fleming, S. W., Johnston, C., Kristiansen, M. H., et al., 2022, *The Astrophysical Journal Supplement Series*, "TESS Eclipsing Binary Stars. I. Short-cadence Observations of 4584 Eclipsing Binaries in Sectors 1-26"
 58. Hernitschek, N., **Stassun**, K. G., 2022, *The Astrophysical Journal Supplement Series*, "The Impact of Observing Strategy on the Reliable Classification of Standard Candle Stars: Detection of Amplitude, Period, and Phase Modulation (Blazhko Effect) of RR Lyrae Stars with LSST"
 59. Dang, L., Bell, T. J., Cowan, N. B., Thorngren, D., Kataria, T., Knutson, H. A., Lewis, N. K., **Stassun**, K. G., Fortney, J. J., Agol, E., et al., 2022, *The Astronomical Journal*, "Thermal Phase Curves of XO-3b: An Eccentric Hot Jupiter at the Deuterium Burning Limit"
 60. Azevedo Silva, T., Demangeon, O. D. S., Barros, S. C. C., Armstrong, D. J., Otegi, J. F., Bossini, D., Delgado Mena, E., Sousa, S. G., Adibekyan, V., Nielsen, L. D., et al., 2022, *Astronomy and Astrophysics*, "The HD 137496 system: A dense, hot super-Mercury and a cold Jupiter"
 61. Schanche, N., Pozuelos, F. J., Günther, M. N., Wells, R. D., Burgasser, A. J., Chinchilla, P., Delrez, L., Ducrot, E., Garcia, L. J., Gómez Maqueo Chew, Y., et al., 2022, *Astronomy and Astrophysics*, "TOI-2257 b: A highly eccentric long-period sub-Neptune transiting a nearby M dwarf"
 62. Richardson, N. D., Thizy, O., Bjorkman, J. E., Carciofi, A., Rubio, A. C., Thomas, J. D., Bjorkman, K. S., Labadie-Bartz, J., Genaro, M., Wisniewski, J. P., et al., 2021, *Monthly Notices of the Royal Astronomical Society*, "Outbursts and stellar properties of the classical Be star HD 6226"
 63. Serna, J., Hernandez, J., Kounkel, M., Manzo-Martínez, E., Roman-Lopes, A., Román-Zúñiga, C. G., Gracia Batista, M., Pinzón, G., Calvet, N., Briceño, C., et al., 2021, *The Astrophysical Journal*, "Stellar Rotation of T Tauri Stars in the Orion Star-forming Complex"

64. Chontos, A., Huber, D., Berger, T. A., Kjeldsen, H., Serenelli, A. M., Silva Aguirre, V., Ball, W. H., Basu, S., Bedding, T. R., Chaplin, W. J., et al., 2021, *The Astrophysical Journal*, "TESS Asteroseismology of α Mensae: Benchmark Ages for a G7 Dwarf and Its M Dwarf Companion"
65. Hedges, C., Hughes, A., Zhou, G., David, T. J., Becker, J., Giacalone, S., Vanderburg, A., Rodriguez, J. E., Bieryla, A., Wirth, C., et al., 2021, *The Astronomical Journal*, "Erratum: "TOI-2076 and TOI-1807: Two young, Comoving Planetary Systems within 50 pc Identified by TESS that are Ideal Candidates for Further Follow Up" (2021, AJ, 162, 54)"
66. Beaton, R. L., Oelkers, R. J., Hayes, C. R., Covey, K. R., Chojnowski, S. D., De Lee, N., Sobeck, J. S., Majewski, S. R., Cohen, R. E., Fernández-Trincado, J., et al., 2021, *The Astronomical Journal*, "Final Targeting Strategy for the Sloan Digital Sky Survey IV Apache Point Observatory Galactic Evolution Experiment 2 North Survey"
67. Addison, B. C., Knudstrup, E., Wong, I., Hébrard, G., Dorval, P., Snellen, I., Albrecht, S., Bello-Arufe, A., Almenara, J.-M., Boisse, I., et al., 2021, *The Astronomical Journal*, "TOI-1431b/MASCARA-5b: A Highly Irradiated Ultrahot Jupiter Orbiting One of the Hottest and Brightest Known Exoplanet Host Stars"
68. Wong, I., Shporer, A., Zhou, G., Kitzmann, D., Komacek, T. D., Tan, X., Tronsgaard, R., Buchhave, L. A., Vissapragada, S., Greklek-McKeon, M., et al., 2021, *The Astronomical Journal*, "TOI-2109: An Ultrahot Gas Giant on a 16 hr Orbit"
69. Kostov, V. B., Powell, B. P., Orosz, J. A., Welsh, W. F., Cochran, W., Collins, K. A., Endl, M., Hellier, C., Latham, D. W., MacQueen, P., et al., 2021, *The Astronomical Journal*, "TIC 172900988: A Transiting Circumbinary Planet Detected in One Sector of TESS Data"
70. Serenelli, A., Weiss, A., Aerts, C., Angelou, G. C., Baroch, D., Bastian, N., Beck, P. G., Bergemann, M., Bestenlehner, J. M., Czekala, I., et al., 2021, *Astronomy and Astrophysics Review*, "Weighing stars from birth to death: mass determination methods across the HRD"
71. Martin, D. V., El-Badry, K., Hodžić, V. K., Triaud, A. H. M. J., Angus, R., Birky, J., Foreman-Mackey, D., Hedges, C., Montet, B. T., Murphy, S. J., et al., 2021, *Monthly Notices of the Royal Astronomical Society*, "TOI-1259Ab - a gas giant planet with 2.7 per cent deep transits and a bound white dwarf companion"
72. Metcalfe, T. S., van Saders, J. L., Basu, S., Buzasi, D., Drake, J. J., Egeland, R., Huber, D., Saar, S. H., **Stassun**, K. G., Ball, W. H., et al., 2021, *The Astrophysical Journal*, "Magnetic and Rotational Evolution of ρ CrB from Asteroseismology with TESS"
73. Laos, S., Greene, T. P., Najita, J. R., **Stassun**, K. G., 2021, *The Astrophysical Journal*, "The Near-stellar Environment of Class 0 Protostars: A First Look with Near-infrared Spectroscopy"
74. Cabot, S. H. C., Bello-Arufe, A., Mendonça, J. M., Tronsgaard, R., Wong, I., Zhou, G., Buchhave, L. A., Fischer, D. A., **Stassun**, K. G., Antoci, V., et al., 2021, *The Astronomical Journal*, "TOI-1518b: A Misaligned Ultra-hot Jupiter with Iron in Its Atmosphere"
75. Scarsdale, N., Murphy, J. M. A., Batalha, N. M., Crossfield, I. J. M., Dressing, C. D., Fulton, B., Howard, A. W., Huber, D., Isaacson, H., Kane, S. R., et al., 2021, *The Astronomical Journal*, "TESS-Keck Survey. V. Twin Sub-Neptunes Transiting the Nearby G Star HD 63935"
76. Hill, M. L., Kane, S. R., Campante, T. L., Li, Z., Dalba, P. A., Brandt, T. D., White, T. R., Pope, B. J. S., **Stassun**, K. G., Fulton, B. J., et al., 2021, *The Astronomical Journal*, "Asteroseismology of iota Draconis and Discovery of an Additional Long-period Companion"
77. Kounkel, M., Covey, K. R., **Stassun**, K. G., Price-Whelan, A. M., Holtzman, J., Chojnowski, D., Longa-Peña, P., Román-Zúñiga, C. G., Hernandez, J., Serna, J., et al., 2021, *The Astronomical Journal*, "Double-lined Spectroscopic Binaries in the APOGEE DR16 and DR17 Data"
78. Osborn, A., Armstrong, D. J., Cale, B., Brahm, R., Wittenmyer, R. A., Dai, F., Crossfield, I. J. M., Bryant, E. M., Adibekyan, V., Cloutier, R., et al., 2021, *Monthly Notices of the Royal Astronomical Society*, "TOI-431/HIP 26013: a super-Earth and a sub-Neptune transiting a bright, early K dwarf, with a third RV planet"
79. Gan, T., Bedell, M., Wang, S. X., Foreman-Mackey, D., Meléndez, J., Mao, S., **Stassun**, K. G., Howell, S. B., Ziegler, C., Wittenmyer, R. A., et al., 2021, *Monthly Notices of the Royal Astronomical Society*, "HD

- 183579b: a warm sub-Neptune transiting a solar twin detected by TESS"
80. Vejar, G., Schuler, S. C., **Stassun**, K. G., 2021, *The Astrophysical Journal*, "Detailed Abundances of Planet-hosting Open Clusters. The Praesepe (Beehive) Cluster"
 81. Fukui, A., Korth, J., Livingston, J. H., Twicken, J. D., Osorio, M. R. Z., Jenkins, J. M., Mori, M., Murgas, F., Ogiwara, M., Narita, N., et al., 2021, *The Astronomical Journal*, "TOI-1749: an M dwarf with a Trio of Planets including a Near-resonant Pair"
 82. Hirano, T., Livingston, J. H., Fukui, A., Narita, N., Harakawa, H., Ishikawa, H. T., Miyakawa, K., Kimura, T., Nakayama, A., Fujita, N., et al., 2021, *The Astronomical Journal*, "Two Bright M Dwarfs Hosting Ultra-Short-Period Super-Earths with Earth-like Compositions"
 83. Miller, A., Kounkel, M., Sun, M., Dixon, D., Boggio, C., Covey, K. R., **Stassun**, K. G., Mathieu, R., 2021, *The Astronomical Journal*, "2M17091769+3127589: A Mass-transfer Binary with an Extreme Mass Ratio"
 84. Fausnaugh, M., Morgan, E., Vanderspek, R., Pepper, J., Burke, C. J., Levine, A. M., Rudat, A., Villaseñor, J. N. S., Vezie, M., Goeke, R. F., et al., 2021, *Publications of the Astronomical Society of the Pacific*, "The TESS Mission Target Selection Procedure"
 85. Washington, J. E., Lewis, H. M., Anguiano, B., Majewski, S. R., Chojnowski, S. D., Smith, V. V., **Stassun**, K. G., Allende Prieto, C., Cunha, K., Nidever, D. L., et al., 2021, *The Astrophysical Journal*, "Symbiotic Stars in the Apache Point Observatory Galactic Evolution Experiment Survey: The Case of LIN 358 and SMC N73 (LIN 445a)"
 86. Fu, G., Deming, D., Lothringer, J., Nikolov, N., Sing, D. K., Kempton, E. M.-R., Ih, J., Evans, T. M., Stevenson, K., Wakeford, H. R., et al., 2021, *The Astronomical Journal*, "The Hubble PanCET Program: Transit and Eclipse Spectroscopy of the Strongly Irradiated Giant Exoplanet WASP-76b"
 87. Burt, J. A., Dragomir, D., Mollière, P., Youngblood, A., García Muñoz, A., McCann, J., Kreidberg, L., Huang, C. X., Collins, K. A., Eastman, J. D., et al., 2021, *The Astronomical Journal*, "TOI-1231 b: A Temperate, Neptune-sized Planet Transiting the Nearby M3 Dwarf NLTT 24399"
 88. Moutou, C., Almenara, J. M., Hébrard, G., Santos, N. C., **Stassun**, K. G., Deheuvelds, S., Barros, S., Benni, P., Bieryla, A., Boisse, I., et al., 2021, *Astronomy and Astrophysics*, "TOI-1296b and TOI-1298b observed with TESS and SOPHIE: two hot Saturn-mass exoplanets with different densities around metal-rich stars"
 89. Otegi, J. F., Bouchy, F., Helled, R., Armstrong, D. J., Stalport, M., Psaridi, A., Delisle, J.-B., **Stassun**, K. G., Delgado-Mena, E., Santos, N. C., et al., 2021, *Astronomy and Astrophysics*, "TESS and HARPS reveal two sub-Neptunes around TOI 1062"
 90. Wells, R. D., Rackham, B. V., Schanche, N., Petrucci, R., Gómez Maqueo Chew, Y., Demory, B.-O., Burgasser, A. J., Burn, R., Pozuelos, F. J., Günther, M. N., et al., 2021, *Astronomy and Astrophysics*, "A large sub-Neptune transiting the thick-disk M4 V TOI-2406"
 91. Murgas, F., Astudillo-Defru, N., Bonfils, X., Crossfield, I., Almenara, J. M., Livingston, J., **Stassun**, K. G., Korth, J., Orell-Miquel, J., Morello, G., et al., 2021, *Astronomy and Astrophysics*, "TOI-674b: An oasis in the desert of exo-Neptunes transiting a nearby M dwarf"
 92. Benni, P., Burdanov, A. Y., Krushinsky, V. V., Bonfanti, A., Hébrard, G., Almenara, J. M., Dalal, S., Demangeon, O. D. S., Tsantaki, M., Pepper, J., et al., 2021, *Monthly Notices of the Royal Astronomical Society*, "Discovery of a young low-mass brown dwarf transiting a fast-rotating F-type star by the Galactic Plane exoplanet (GPX) survey"
 93. Georgieva, I. Y., Persson, C. M., Barragán, O., Nowak, G., Fridlund, M., Locci, D., Palle, E., Luque, R., Carleo, I., Gandolfi, D., et al., 2021, *Monthly Notices of the Royal Astronomical Society*, "Hot planets around cool stars - two short-period mini-Neptunes transiting the late K-dwarf TOI-1260"
 94. Eisner, N. L., Nicholson, B. A., Barragán, O., Aigrain, S., Lintott, C., Kaye, L., Klein, B., Miller, G., Taylor, J., Zicher, N., et al., 2021, *Monthly Notices of the Royal Astronomical Society*, "Planet Hunters TESS III: two transiting planets around the bright G dwarf HD 152843"
 95. Cloutier, R., Charbonneau, D., **Stassun**, K. G., Murgas, F., Mortier, A., Massey, R., Lissauer, J. J., Latham, D. W., Irwin, J., Haywood, R. D., et al., 2021, *The Astronomical Journal*, "TOI-1634 b: An Ultra-short-

- period Keystone Planet Sitting inside the M-dwarf Radius Valley"
96. Hedges, C., Hughes, A., Zhou, G., David, T. J., Becker, J., Giacalone, S., Vanderburg, A., Rodriguez, J. E., Bieryla, A., Wirth, C., et al., 2021, *The Astronomical Journal*, "TOI-2076 and TOI-1807: Two Young, Comoving Planetary Systems within 50 pc Identified by TESS that are Ideal Candidates for Further Follow Up"
 97. Grieves, N., Bouchy, F., Lendl, M., Carmichael, T., Mireles, I., Shporer, A., McLeod, K. K., Collins, K. A., Brahm, R., **Stassun**, K. G., et al., 2021, *Astronomy and Astrophysics*, "Populating the brown dwarf and stellar boundary: Five stars with transiting companions near the hydrogen-burning mass limit"
 98. Godoy-Rivera, D., Tayar, J., Pinsonneault, M. H., Rodríguez Martínez, R., **Stassun**, K. G., van Saders, J. L., Beaton, R. L., García-Hernández, D. A., Teske, J. K., 2021, *The Astrophysical Journal*, "Testing the Limits of Precise Subgiant Characterization with APOGEE and Gaia: Opening a Window to Unprecedented Astrophysical Studies"
 99. Guerrero, N. M., Seager, S., Huang, C. X., Vanderburg, A., Garcia Soto, A., Mireles, I., Hesse, K., Fong, W., Glidden, A., Shporer, A., et al., 2021, *The Astrophysical Journal Supplement Series*, "The TESS Objects of Interest Catalog from the TESS Prime Mission"
 100. Feliz, D. L., Plavchan, P., Bianco, S. N., Jimenez, M., Collins, K. I., Villarreal Alvarado, B., **Stassun**, K. G., 2021, *The Astronomical Journal*, "NEMESIS: Exoplanet Transit Survey of Nearby M-dwarfs in TESS FFIs. I."
 101. Kaltenegger, L., Pepper, J., Christodoulou, P. M., **Stassun**, K., Quinn, S., Burke, C., 2021, *The Astronomical Journal*, "Around Which Stars Can TESS Detect Earth-like Planets? The Revised TESS Habitable Zone Catalog"
 102. Osborn, H. P., Armstrong, D. J., Adibekyan, V., Collins, K. A., Delgado-Mena, E., Howell, S. B., Hellier, C., King, G. W., Lillo-Box, J., Nielsen, L. D., et al., 2021, *Monthly Notices of the Royal Astronomical Society*, "A hot mini-Neptune in the radius valley orbiting solar analogue HD 110113"
 103. Addison, B. C., Wright, D. J., Nicholson, B. A., Cale, B., Mocnik, T., Huber, D., Plavchan, P., Wittenmyer, R. A., Vanderburg, A., Chaplin, W. J., et al., 2021, *Monthly Notices of the Royal Astronomical Society*, "TOI-257b (HD 19916b): a warm sub-saturn orbiting an evolved F-type star"
 104. **Stassun**, K. G., Torres, G., Johnston, C., Stevens, D. J., Feliz, D. L., Kounkel, M., Bouma, L. G., 2021, *The Astrophysical Journal*, "Discovery and Characterization of a Rare Magnetic Hybrid β Cephei Slowly Pulsating B-type Star in an Eclipsing Binary in the Young Open Cluster NGC 6193"
 105. Rodriguez, J. E., Quinn, S. N., Zhou, G., Vanderburg, A., Nielsen, L. D., Wittenmyer, R. A., Brahm, R., Reed, P. A., Huang, C. X., Vach, S., et al., 2021, *The Astronomical Journal*, "TESS Delivers Five New Hot Giant Planets Orbiting Bright Stars from the Full-frame Images"
 106. Tofflemire, B. M., Rizzuto, A. C., Newton, E. R., Kraus, A. L., Mann, A. W., Vanderburg, A., Nelson, T., Hawkins, K., Wood, M. L., Zhou, G., et al., 2021, *The Astronomical Journal*, "TESS Hunt for Young and Maturing Exoplanets (THYME). V. A Sub-Neptune Transiting a Young Star in a Newly Discovered 250 Myr Association"
 107. Sozzetti, A., Damasso, M., Bonomo, A. S., Alibert, Y., Sousa, S. G., Adibekyan, V., Zapatero Osorio, M. R., González Hernández, J. I., Barros, S. C. C., Lillo-Box, J., et al., 2021, *Astronomy and Astrophysics*, "A sub-Neptune and a non-transiting Neptune-mass companion unveiled by ESPRESSO around the bright late-F dwarf HD 5278 (TOI-130)"
 108. von Essen, C., Mallonn, M., Piette, A., Cowan, N. B., Madhusudhan, N., Agol, E., Antoci, V., Poppenhaeger, K., **Stassun**, K. G., Khalafinejad, S., et al., 2021, *Astronomy and Astrophysics*, "TESS unveils the optical phase curve of KELT-1b. Thermal emission and ellipsoidal variation from the brown dwarf companion along with the stellar activity"
 109. Vega, L. D., **Stassun**, K. G., Montez, R., Kamiński, T., Sabin, L., Schlegel, E. M., Vlemmings, W. H. T., Kastner, J. H., Ramstedt, S., Boyd, P. T., 2021, *The Astrophysical Journal*, "Multiwavelength Observations of the RV Tauri Variable System U Monocerotis: Long-term Variability Phenomena That Can Be Explained by Binary Interactions with a Circumbinary Disk"
 110. Corcoran, K. A., Lewis, H. M., Anguiano, B., Majewski, S. R., Kounkel, M., McDonald, D. J., **Stassun**, K.

- G., Cunha, K., Smith, V., Allende Prieto, C., et al., 2021, *The Astronomical Journal*, "Analysis of Previously Classified White Dwarf-Main-sequence Binaries Using Data from the APOGEE Survey"
111. Yao, X., Pepper, J., Gaudi, B. S., Dalba, P. A., Burt, J. A., Wittenmyer, R. A., Dragomir, D., Rodriguez, J. E., Villanueva, S., Stevens, D. J., et al., 2021, *The Astronomical Journal*, "Following up TESS Single Transits with Archival Photometry and Radial Velocities"
 112. Bell, J. E., Stowe, A. C., Burger, A., **Stassun**, K. G., 2021, *Optical Materials*, "Hot-pressed LiInSe_2 for use as a ceramic radiation detector"
 113. Castro Segura, N., Knigge, C., Acosta-Pulido, J. A., Altamirano, D., del Palacio, S., Hernandez Santisteban, J. V., Pahari, M., Rodriguez-Gil, P., Belardi, C., Buckley, D. A. H., et al., 2021, *Monthly Notices of the Royal Astronomical Society*, "Bow shocks, nova shells, disc winds and tilted discs: the nova-like V341 Ara has it all"
 114. **Stassun**, K. G., Torres, G., 2021, *The Astrophysical Journal*, "Parallax Systematics and Photocenter Motions of Benchmark Eclipsing Binaries in Gaia EDR3"
 115. Carmichael, T. W., Quinn, S. N., Zhou, G., Grieves, N., Irwin, J. M., **Stassun**, K. G., Vanderburg, A. M., Winn, J. N., Bouchy, F., Brasseur, C. E., et al., 2021, *The Astronomical Journal*, "TOI-811b and TOI-852b: New Transiting Brown Dwarfs with Similar Masses and Very Different Radii and Ages from the TESS Mission"
 116. Dedrick, C. M., Fulton, B. J., Knutson, H. A., Howard, A. W., Beatty, T. G., Cargile, P. A., Gaudi, B. S., Hirsch, L. A., Kuhn, R. B., Lund, M. B., et al., 2021, *The Astronomical Journal*, "Two Planets Straddling the Habitable Zone of the Nearby K Dwarf Gl 414A"
 117. Daylan, T., Pínglé, K., Wright, J., Günther, M. N., **Stassun**, K. G., Kane, S. R., Vanderburg, A., Jontof-Hutter, D., Rodriguez, J. E., Shporer, A., et al., 2021, *The Astronomical Journal*, "TESS Discovery of a Super-Earth and Three Sub-Neptunes Hosted by the Bright, Sun-like Star HD 108236"
 118. Sha, L., Huang, C. X., Shporer, A., Rodriguez, J. E., Vanderburg, A., Brahm, R., Hagelberg, J., Matthews, E. C., Ziegler, C., Livingston, J. H., et al., 2021, *The Astronomical Journal*, "TOI-954 b and K2-329 b: Short-period Saturn-mass Planets that Test whether Irradiation Leads to Inflation"
 119. Weiss, L. M., Dai, F., Huber, D., Brewer, J. M., Collins, K. A., Ciardi, D. R., Matthews, E. C., Ziegler, C., Howell, S. B., Batalha, N. M., et al., 2021, *The Astronomical Journal*, "The TESS-Keck Survey. II. An Ultra-short-period Rocky Planet and Its Siblings Transiting the Galactic Thick-disk Star TOI-561"
 120. Parviainen, H., Palle, E., Zapatero-Osorio, M. R., Nowak, G., Fukui, A., Murgas, F., Narita, N., **Stassun**, K. G., Livingston, J. H., Collins, K. A., et al., 2021, *Astronomy and Astrophysics*, "TOI-519 b: A short-period substellar object around an M dwarf validated using multicolour photometry and phase curve analysis"
 121. Ball, W. H., Chaplin, W. J., Nielsen, M. B., González-Cuesta, L., Mathur, S., Santos, Â. R. G., García, R., Buzasi, D., Mosser, B., Deal, M., et al., 2020, *Monthly Notices of the Royal Astronomical Society*, "Robust asteroseismic properties of the bright planet host HD 38529"
 122. Stevens, D. J., Zhou, G., Johnson, M. C., Rizzuto, A. C., Rodriguez, J. E., Bieryla, A., Collins, K. A., Villanueva, S., Wright, J. T., Gaudi, B. S., et al., 2020, *Monthly Notices of the Royal Astronomical Society*, "An extreme-mass ratio, short-period eclipsing binary consisting of a B dwarf primary and a pre-main-sequence M star companion discovered by KELT"
 123. Mazzola, C. N., Badenes, C., Moe, M., Koposov, S. E., Kounkel, M., Kratter, K., Covey, K., Walker, M. G., Thompson, T. A., Andrews, B., et al., 2020, *Monthly Notices of the Royal Astronomical Society*, "The close binary fraction as a function of stellar parameters in APOGEE: a strong anticorrelation with α abundances"
 124. Colón, K. D., Kreidberg, L., Welbanks, L., Line, M. R., Madhusudhan, N., Beatty, T., Tamburo, P., Stevenson, K. B., Mandell, A., Rodriguez, J. E., et al., 2020, *The Astronomical Journal*, "An Unusual Transmission Spectrum for the Sub-Saturn KELT-11b Suggestive of a Subsolar Water Abundance"
 125. Kounkel, M., Covey, K., **Stassun**, K. G., 2020, *The Astronomical Journal*, "Untangling the Galaxy. II. Structure within 3 kpc"
 126. Dreizler, S., Crossfield, I. J. M., Kossakowski, D., Plavchan, P., Jeffers, S. V., Kemmer, J., Luque, R.,

- Espinoza, N., Pallé, E., **Stassun**, K., et al., 2020, *Astronomy and Astrophysics*, "The CARMENES search for exoplanets around M dwarfs. LP 714-47 b (TOI 442.01): populating the Neptune desert"
127. Fridlund, M., Livingston, J., Gandolfi, D., Persson, C. M., Lam, K. W. F., **Stassun**, K. G., Hellier, C., Korth, J., Hatzes, A. P., Malavolta, L., et al., 2020, *Monthly Notices of the Royal Astronomical Society*, "The TOI-763 system: sub-Neptunes orbiting a Sun-like star"
128. Bouma, L. G., Hartman, J. D., Brahm, R., Evans, P., Collins, K. A., Zhou, G., Sarkis, P., Quinn, S. N., de Leon, J., Livingston, J., et al., 2020, *The Astronomical Journal*, "Cluster Difference Imaging Photometric Survey. II. TOI 837: A Young Validated Planet in IC 2602"
129. Brahm, R., Nielsen, L. D., Wittenmyer, R. A., Wang, S., Rodriguez, J. E., Espinoza, N., Jones, M. I., Jordán, A., Henning, T., Hobson, M., et al., 2020, *The Astronomical Journal*, "TOI-481 b and TOI-892 b: Two Long-period Hot Jupiters from the Transiting Exoplanet Survey Satellite"
130. Davis, A. B., Wang, S., Jones, M., Eastman, J. D., Günther, M. N., **Stassun**, K. G., Addison, B. C., Collins, K. A., Quinn, S. N., Latham, D. W., et al., 2020, *The Astronomical Journal*, "TOI 564 b and TOI 905 b: Grazing and Fully Transiting Hot Jupiters Discovered by TESS"
131. Beatty, T. G., Wong, I., Fetherolf, T., Line, M. R., Shporer, A., **Stassun**, K. G., Ricker, G. R., Seager, S., Winn, J. N., Jenkins, J. M., et al., 2020, *The Astronomical Journal*, "The TESS Phase Curve of KELT-1b Suggests a High Dayside Albedo"
132. Laos, S., **Stassun**, K. G., Mathieu, R. D., 2020, *The Astrophysical Journal*, "Assessing Spectroscopic Binary Multiplicity Properties Using Robo-AO Imaging"
133. Cunningham, J.-M. C., Feliz, D. L., Dixon, D. M., Pepper, J., **Stassun**, K. G., Siverd, R. J., Zhou, G., Bayliss, D., Tan, T.-G., Cargile, P., et al., 2020, *The Astronomical Journal*, "A KELT-TESS Eclipsing Binary in a Young Triple System Associated with the Local "Stellar String" Theia 301"
134. Burt, J. A., Nielsen, L. D., Quinn, S. N., Mamajek, E. E., Matthews, E. C., Zhou, G., Seidel, J. V., Huang, C. X., Lopez, E., Soto, M., et al., 2020, *The Astronomical Journal*, "TOI-824 b: A New Planet on the Lower Edge of the Hot Neptune Desert"
135. Zasche, P., Henzl, Z., Lehmann, H., Pepper, J., Powell, B. P., Kostov, V. B., Barclay, T., Wolf, M., Kučáková, H., Uhlař, R., et al., 2020, *Astronomy and Astrophysics*, "CzeV1731: The unique doubly eclipsing quadruple system"
136. Demory, B.-O., Pozuelos, F. J., Gómez Maqueo Chew, Y., Sabin, L., Petrucci, R., Schroffenegger, U., Grimm, S. L., Sestovic, M., Gillon, M., McCormac, J., et al., 2020, *Astronomy and Astrophysics*, "A super-Earth and a sub-Neptune orbiting the bright, quiet M3 dwarf TOI-1266"
137. Vanderburg, A., Rappaport, S. A., Xu, S., Crossfield, I. J. M., Becker, J. C., Gary, B., Murgas, F., Blouin, S., Kaye, T. G., Palle, E., et al., 2020, *Nature*, "A giant planet candidate transiting a white dwarf"
138. Lewis, H. M., Anguiano, B., **Stassun**, K. G., Majewski, S. R., Arras, P., Sarazin, C. L., Li, Z.-Y., De Lee, N., Troup, N. W., Allende Prieto, C., et al., 2020, *The Astrophysical Journal*, "Geometry of the Draco C1 Symbiotic Binary"
139. Metcalfe, T. S., van Saders, J. L., Basu, S., Buzasi, D., Chaplin, W. J., Egeland, R., Garcia, R. A., Gaulme, P., Huber, D., Reinhold, T., et al., 2020, *The Astrophysical Journal*, "The Evolution of Rotation and Magnetic Activity in 94 Aqr Aa from Asteroseismology with TESS"
140. Mireles, I., Shporer, A., Grieves, N., Zhou, G., Günther, M. N., Brahm, R., Ziegler, C., **Stassun**, K. G., Huang, C. X., Nielsen, L., et al., 2020, *The Astronomical Journal*, "TOI 694b and TIC 220568520b: Two Low-mass Companions near the Hydrogen-burning Mass Limit Orbiting Sun-like Stars"
141. Gilbert, E. A., Barclay, T., Schlieder, J. E., Quintana, E. V., Hord, B. J., Kostov, V. B., Lopez, E. D., Rowe, J. F., Hoffman, K., Walkowicz, L. M., et al., 2020, *The Astronomical Journal*, "The First Habitable-zone Earth-sized Planet from TESS. I. Validation of the TOI-700 System"
142. Carleo, I., Gandolfi, D., Barragán, O., Livingston, J. H., Persson, C. M., Lam, K. W. F., Vidotto, A., Lund, M. B., Villarreal D'Angelo, C., Collins, K. A., et al., 2020, *The Astronomical Journal*, "The Multiplanet System TOI-421"
143. Badenas-Agusti, M., Günther, M. N., Daylan, T., Mikal-Evans, T., Vanderburg, A., Huang, C. X., Matthews, E., Rackham, B. V., Bieryla, A., **Stassun**, K. G., et al., 2020, *The Astronomical Journal*, "HD

- 191939: Three Sub-Neptunes Transiting a Sun-like Star Only 54 pc Away"
144. Rodríguez Martínez, R., Gaudi, B. S., Rodríguez, J. E., Zhou, G., Labadie-Bartz, J., Quinn, S. N., Penev, K., Tan, T.-G., Latham, D. W., Paredes, L. A., et al., 2020, *The Astronomical Journal*, "KELT-25 b and KELT-26 b: A Hot Jupiter and a Substellar Companion Transiting Young A Stars Observed by TESS"
 145. Nielsen, M. B., Ball, W. H., Standing, M. R., Triaud, A. H. M. J., Buzasi, D., Carboneau, L., **Stassun**, K. G., Kane, S. R., Chaplin, W. J., Bellinger, E. P., et al., 2020, *Astronomy and Astrophysics*, "TESS asteroseismology of the known planet host star λ ² Fornacis"
 146. Maraston, C., Hill, L., Thomas, D., Yan, R., Chen, Y., Lian, J., Parikh, T., Neumann, J., Meneses-Goytia, S., Bershady, M., et al., 2020, *Monthly Notices of the Royal Astronomical Society*, "Stellar population models based on the SDSS-IV MaStar library of stellar spectra - I. Intermediate-age/old models"
 147. Chen, Y.-P., Yan, R., Maraston, C., Thomas, D., Stringfellow, G. S., Bizyaev, D., Gelfand, J. D., Beers, T. C., Fernández-Trincado, J. G., Lazarz, D., et al., 2020, *The Astrophysical Journal*, "Stellar Parameters for the First Release of the MaStar Library: An Empirical Approach"
 148. Rowden, P., Borkovits, T., Jenkins, J. M., **Stassun**, K. G., Twicken, J. D., Newton, E. R., Ziegler, C., Hellier, C., Soto, A. G., Matthews, E. C., et al., 2020, *The Astronomical Journal*, "TIC 278956474: Two Close Binaries in One Young Quadruple System Identified by TESS"
 149. Plavchan, P., Barclay, T., Gagné, J., Gao, P., Cale, B., Matzko, W., Dragomir, D., Quinn, S., Feliz, D., **Stassun**, K., et al., 2020, *Nature*, "Publisher Correction: A planet within the debris disk around the pre-main-sequence star AU Microscopii"
 150. Armstrong, D. J., Lopez, T. A., Adibekyan, V., Booth, R. A., Bryant, E. M., Collins, K. A., Deleuil, M., Emsenhuber, A., Huang, C. X., King, G. W., et al., 2020, *Nature*, "A remnant planetary core in the hot-Neptune desert"
 151. Ahumada, R., Prieto, C. A., Almeida, A., Anders, F., Anderson, S. F., Andrews, B. H., Anguiano, B., Arcodia, R., Armengaud, E., Aubert, M., et al., 2020, *The Astrophysical Journal Supplement Series*, "The 16th Data Release of the Sloan Digital Sky Surveys: First Release from the APOGEE-2 Southern Survey and Full Release of eBOSS Spectra"
 152. Carmichael, T. W., Quinn, S. N., Mustill, A. J., Huang, C., Zhou, G., Persson, C. M., Nielsen, L. D., Collins, K. A., Ziegler, C., Collins, K. I., et al., 2020, *The Astronomical Journal*, "Two Intermediate-mass Transiting Brown Dwarfs from the TESS Mission"
 153. Labadie-Bartz, J., Handler, G., Pepper, J., Balona, L., Cat, P. D., Stevens, D. J., Lund, M. B., **Stassun**, K. G., Rodríguez, J. E., Siverd, R. J., et al., 2020, *The Astronomical Journal*, "New Beta Cephei Stars from the KELT Project"
 154. Cloutier, R., Rodríguez, J. E., Irwin, J., Charbonneau, D., **Stassun**, K. G., Mortier, A., Latham, D. W., Isaacson, H., Howard, A. W., Udry, S., et al., 2020, *The Astronomical Journal*, "TOI-1235 b: A Keystone Super-Earth for Testing Radius Valley Emergence Models around Early M Dwarfs"
 155. Dixon, D., Tayar, J., **Stassun**, K. G., 2020, *The Astronomical Journal*, "Rotationally Driven Ultraviolet Emission of Red Giant Stars"
 156. Ahlers, J. P., Johnson, M. C., **Stassun**, K. G., Colón, K. D., Barnes, J. W., Stevens, D. J., Beatty, T., Gaudi, B. S., Collins, K. A., Rodríguez, J. E., et al., 2020, *The Astronomical Journal*, "KELT-9 b's Asymmetric TESS Transit Caused by Rapid Stellar Rotation and Spin-Orbit Misalignment"
 157. von Essen, C., Mallonn, M., Borre, C. C., Antoci, V., **Stassun**, K. G., Khalafinejad, S., Tautvaišienė, G., 2020, *Astronomy and Astrophysics*, "TESS unveils the phase curve of WASP-33b. Characterization of the planetary atmosphere and the pulsations from the star"
 158. Plavchan, P., Barclay, T., Gagné, J., Gao, P., Cale, B., Matzko, W., Dragomir, D., Quinn, S., Feliz, D., **Stassun**, K., et al., 2020, *Nature*, "A planet within the debris disk around the pre-main-sequence star AU Microscopii"
 159. Aghakhanloo, M., Murphy, J. W., Smith, N., Parejko, J., Díaz-Rodríguez, M., Drout, M. R., Groh, J. H., Guzman, J., **Stassun**, K. G., 2020, *Monthly Notices of the Royal Astronomical Society*, "Erratum: Inferring the parallax of Westerlund 1 from Gaia DR2"
 160. Jiang, C., Bedding, T. R., **Stassun**, K. G., Veras, D., Corsaro, E., Buzasi, D. L., Mikołajczyk, P., Zhang, Q.-.

- sheng ., Ou, J.-wen ., Campante, T. L., et al., 2020, *The Astrophysical Journal*, "TESS Asteroseismic Analysis of the Known Exoplanet Host Star HD 222076"
161. Pepper, J., Kane, S. R., Rodriguez, J. E., Hinkel, N. R., Eastman, J. D., Daylan, T., Mocnik, T., Dalba, P. A., Gaudi, B. S., Fetherolf, T., et al., 2020, *The Astronomical Journal*, "TESS Reveals HD 118203 b to be a Transiting Planet"
 162. Eisner, N. L., Barragán, O., Aigrain, S., Lintott, C., Miller, G., Zicher, N., Boyajian, T. S., Briceño, C., Bryant, E. M., Christiansen, J. L., et al., 2020, *Monthly Notices of the Royal Astronomical Society*, "Planet Hunters TESS I: TOI 813, a subgiant hosting a transiting Saturn-sized planet on an 84-day orbit"
 163. Price-Whelan, A. M., Hogg, D. W., Rix, H.-W., Beaton, R. L., Lewis, H. M., Nidever, D. L., Almeida, A., Badenes, C., Barba, R., Beers, T. C., et al., 2020, *The Astrophysical Journal*, "Close Binary Companions to APOGEE DR16 Stars: 20,000 Binary-star Systems Across the Color-Magnitude Diagram"
 164. Ramírez-Preciado, V. G., Roman-Lopes, A., Román-Zúñiga, C. G., Hernández, J., García-Hernández, D. A., **Stassun**, K., Stringfellow, G. S., Kim, J. S., 2020, *The Astrophysical Journal*, "Spectral Classification of B Stars: The Empirical Sequence Using SDSS-IV/APOGEE Near-IR Data"
 165. Dalba, P. A., Gupta, A. F., Rodriguez, J. E., Dragomir, D., Huang, C. X., Kane, S. R., Quinn, S. N., Bieryla, A., Esquerdo, G. A., Fulton, B. J., et al., 2020, *The Astronomical Journal*, "The TESS-Keck Survey. I. A Warm Sub-Saturn-mass Planet and a Caution about Stray Light in TESS Cameras"
 166. Hill, M. L., Močnik, T., Kane, S. R., Henry, G. W., Pepper, J., Hinkel, N. R., Dalba, P. A., Fulton, B. J., **Stassun**, K. G., Rosenthal, L. J., et al., 2020, *The Astronomical Journal*, "Orbital Refinement and Stellar Properties for the HD 9446, HD 43691, and HD 179079 Planetary Systems"
 167. Galgano, B., **Stassun**, K., Rojas-Ayala, B., 2020, *The Astronomical Journal*, "Fundamental Parameters of $\sim 30,000$ M dwarfs in LAMOST DR1 Using Data-driven Spectral Modeling"
 168. Arnold, R. A., McSwain, M. V., Pepper, J., Whitelock, P. A., Hernitschek, N., James, D. J., Kuhn, R. B., Lund, M. B., Rodriguez, J. E., Siverd, R. J., et al., 2020, *The Astrophysical Journal Supplement Series*, "Long-period High-amplitude Red Variables in the KELT Survey"
 169. Olney, R., Kounkel, M., Schillinger, C., Scoggins, M. T., Yin, Y., Howard, E., Covey, K. R., Hutchinson, B., **Stassun**, K. G., 2020, *The Astronomical Journal*, "APOGEE Net: Improving the Derived Spectral Parameters for Young Stars through Deep Learning"
 170. Gan, T., Shporer, A., Livingston, J. H., Collins, K. A., Mao, S., Trani, A. A., Gandolfi, D., Hirano, T., Luque, R., **Stassun**, K. G., et al., 2020, *The Astronomical Journal*, "LHS 1815b: The First Thick-disk Planet Detected by TESS"
 171. Šubjak, J., Sharma, R., Carmichael, T. W., Johnson, M. C., Gonzales, E. J., Matthews, E., Boffin, H. M. J., Brahm, R., Chaturvedi, P., Chakraborty, A., et al., 2020, *The Astronomical Journal*, "TOI-503: The First Known Brown-dwarf Am-star Binary from the TESS Mission"
 172. Astudillo-Defru, N., Cloutier, R., Wang, S. X., Teske, J., Brahm, R., Hellier, C., Ricker, G., Vanderspek, R., Latham, D., Seager, S., et al., 2020, *Astronomy and Astrophysics*, "A hot terrestrial planet orbiting the bright M dwarf L 168-9 unveiled by TESS"
 173. Díaz, M. R., Jenkins, J. S., Gandolfi, D., Lopez, E. D., Soto, M. G., Cortés-Zuleta, P., Berdiñas, Z. M., **Stassun**, K. G., Collins, K. A., Vines, J. I., et al., 2020, *Monthly Notices of the Royal Astronomical Society*, "TOI-132 b: A short-period planet in the Neptune desert transiting a $V = 11.3$ G-type star[★]"
 174. Huang, C. X., Quinn, S. N., Vanderburg, A., Becker, J., Rodriguez, J. E., Pozuelos, F. J., Gandolfi, D., Zhou, G., Mann, A. W., Collins, K. A., et al., 2020, *The Astrophysical Journal*, "TESS Spots a Hot Jupiter with an Inner Transiting Neptune"
 175. Aghakhanloo, M., Murphy, J. W., Smith, N., Parejko, J., Díaz-Rodríguez, M., Drout, M. R., Groh, J. H., Guzman, J., **Stassun**, K. G., 2020, *Monthly Notices of the Royal Astronomical Society*, "Inferring the parallax of Westerlund 1 from Gaia DR2"
 176. Lendl, M., Bouchy, F., Gill, S., Nielsen, L. D., Turner, O., **Stassun**, K., Acton, J. S., Anderson, D. R., Armstrong, D. J., Bayliss, D., et al., 2020, *Monthly Notices of the Royal Astronomical Society*, "TOI-222:

- a single-transit TESS candidate revealed to be a 34-d eclipsing binary with CORALIE, EulerCam, and NGTS"
177. Shporer, A., Collins, K. A., Astudillo-Defru, N., Irwin, J., Bonfils, X., Collins, K. I., Matthews, E., Winters, J. G., Anderson, D. R., Armstrong, J. D., et al., 2020, *The Astrophysical Journal*, "GJ 1252 b: A 1.2 R_{\oplus} Planet Transiting an M3 Dwarf at 20.4 pc"
 178. Souto, D., Cunha, K., Smith, V. V., Allende Prieto, C., Burgasser, A., Covey, K., García-Hernández, D. A., Holtzman, J. A., Johnson, J. A., Jönsson, H., et al., 2020, *The Astrophysical Journal*, "Stellar Characterization of M Dwarfs from the APOGEE Survey: A Calibrator Sample for M-dwarf Metallicities"
 179. Günther, M. N., Zhan, Z., Seager, S., Rimmer, P. B., Ranjan, S., **Stassun**, K. G., Oelkers, R. J., Daylan, T., Newton, E., Kristiansen, M. H., et al., 2020, *The Astronomical Journal*, "Stellar Flares from the First TESS Data Release: Exploring a New Sample of M Dwarfs"
 180. Chaplin, W. J., Serenelli, A. M., Miglio, A., Morel, T., Mackereth, J. T., Vincenzo, F., Kjeldsen, H., Basu, S., Ball, W. H., Stokholm, A., et al., 2020, *Nature Astronomy*, "Age dating of an early Milky Way merger via asteroseismology of the naked-eye star ν Indi"
 181. Mansfield, M., Bean, J. L., Stevenson, K. B., Komacek, T. D., Bell, T. J., Tan, X., Malik, M., Beatty, T. G., Wong, I., Cowan, N. B., et al., 2020, *The Astrophysical Journal*, "Evidence for H₂ Dissociation and Recombination Heat Transport in the Atmosphere of KELT-9b"
 182. Shultz, M. E., Johnston, C., Labadie-Bartz, J., Petit, V., David-Uraz, A., Kochukhov, Ø., Wade, G. A., Pepper, J., **Stassun**, K. G., Rodriguez, J. E., et al., 2019, *Monthly Notices of the Royal Astronomical Society*, "MOBSTER - III. HD 62658: a magnetic Bp star in an eclipsing binary with a non-magnetic 'identical twin'"
 183. Zinn, J. C., Pinsonneault, M. H., Huber, D., Stello, D., **Stassun**, K., Serenelli, A., 2019, *The Astrophysical Journal*, "Testing the Radius Scaling Relation with Gaia DR2 in the Kepler Field"
 184. Campante, T. L., Corsaro, E., Lund, M. N., Mosser, B., Serenelli, A., Veras, D., Adibekyan, V., Antia, H. M., Ball, W., Basu, S., et al., 2019, *The Astrophysical Journal*, "TESS Asteroseismology of the Known Red-giant Host Stars HD 212771 and HD 203949"
 185. Rodriguez, J. E., Eastman, J. D., Zhou, G., Quinn, S. N., Beatty, T. G., Penev, K., Johnson, M. C., Cargile, P. A., Latham, D. W., Bieryla, A., et al., 2019, *The Astronomical Journal*, "KELT-24b: A 5M J_{up} Planet on a 5.6 day Well-aligned Orbit around the Young V = 8.3 F-star HD 93148"
 186. Quinn, S. N., Becker, J. C., Rodriguez, J. E., Hadden, S., Huang, C. X., Morton, T. D., Adams, F. C., Armstrong, D., Eastman, J. D., Horner, J., et al., 2019, *The Astronomical Journal*, "Near-resonance in a System of Sub-Neptunes from TESS"
 187. Tayar, J., **Stassun**, K. G., Corsaro, E., 2019, *The Astrophysical Journal*, "Predicting Granulation 'Flicker' and Radial Velocity 'Jitter' from Spectroscopic Observables"
 188. Yan, R., Chen, Y., Lazarz, D., Bizyaev, D., Maraston, C., Stringfellow, G. S., McCarthy, K., Meneses-Goytia, S., Law, D. R., Thomas, D., et al., 2019, *The Astrophysical Journal*, "SDSS-IV MaStar: A Large and Comprehensive Empirical Stellar Spectral Library—First Release"
 189. Zhou, G., Huang, C. X., Bakos, G. Á., Hartman, J. D., Latham, D. W., Quinn, S. N., Collins, K. A., Winn, J. N., Wong, I., Kovács, G., et al., 2019, *The Astronomical Journal*, "Two New HATNet Hot Jupiters around A Stars and the First Glimpse at the Occurrence Rate of Hot Jupiters from TESS"
 190. **Stassun**, K. G., Oelkers, R. J., Paegert, M., Torres, G., Pepper, J., De Lee, N., Collins, K., Latham, D. W., Muirhead, P. S., Chittidi, J., et al., 2019, *The Astronomical Journal*, "The Revised TESS Input Catalog and Candidate Target List"
 191. Galbany, L., Ashall, C., Höflich, P., González-Gaitán, S., Taubenberger, S., Stritzinger, M., Hsiao, E. Y., Mazzali, P., Baron, E., Blondin, S., et al., 2019, *Astronomy and Astrophysics*, "Evidence for a Chandrasekhar-mass explosion in the Ca-strong 1991bg-like type Ia supernova 2016hnk"
 192. Smith, N., Aghakhanloo, M., Murphy, J. W., Drout, M. R., **Stassun**, K. G., Groh, J. H., 2019, *Monthly Notices of the Royal Astronomical Society*, "On the Gaia DR2 distances for Galactic luminous blue variables"

193. Czekala, I., Chiang, E., Andrews, S. M., Jensen, E. L. N., Torres, G., Wilner, D. J., **Stassun**, K. G., Macintosh, B., 2019, *The Astrophysical Journal*, "The Degree of Alignment between Circumbinary Disks and Their Binary Hosts"
194. Han, C., Bennett, D. P., Udalski, A., Gould, A., Bond, I. A., Shvartzvald, Y., Nikolaus, K.-S., Hundertmark, M., Bozza, V., Cassan, A., et al., 2019, *The Astronomical Journal*, "OGLE-2018-BLG-1011Lb,c: Microlensing Planetary System with Two Giant Planets Orbiting a Low-mass Star"
195. Clark Cunningham, J. M., Rawls, M. L., Windemuth, D., Ali, A., Jackiewicz, J., Agol, E., **Stassun**, K. G., 2019, *The Astronomical Journal*, "APOGEE/Kepler Overlap Yields Orbital Solutions for a Variety of Eclipsing Binaries"
196. Kreidberg, L., Koll, D. D. B., Morley, C., Hu, R., Schaefer, L., Deming, D., Stevenson, K. B., Dittmann, J., Vanderburg, A., Berardo, D., et al., 2019, *Nature*, "Absence of a thick atmosphere on the terrestrial exoplanet LHS 3844b"
197. Vanderburg, A., Huang, C. X., Rodriguez, J. E., Becker, J. C., Ricker, G. R., Vanderspek, R. K., Latham, D. W., Seager, S., Winn, J. N., Jenkins, J. M., et al., 2019, *The Astrophysical Journal*, "TESS Spots a Compact System of Super-Earths around the Naked-eye Star HR 858"
198. Johns, D., Reed, P. A., Rodriguez, J. E., Pepper, J., **Stassun**, K. G., Penev, K., Gaudi, B. S., Labadie-Bartz, J., Fulton, B. J., Quinn, S. N., et al., 2019, *The Astronomical Journal*, "KELT-23Ab: A Hot Jupiter Transiting a Near-solar Twin Close to the TESS and JWST Continuous Viewing Zones"
199. Jaehrig, K., Somers, G., **Stassun**, K. G., 2019, *The Astrophysical Journal*, "Radius Inflation at Low Rossby Number in the Hyades Cluster"
200. Vejar, G., Montez, R., Morris, M., **Stassun**, K. G., 2019, *The Astrophysical Journal*, "Planetary Nebulae and How to Find Them: Color Identification in Big Broadband Surveys"
201. Kostov, V. B., Schlieder, J. E., Barclay, T., Quintana, E. V., Colón, K. D., Brande, J., Collins, K. A., Feinstein, A. D., Hadden, S., Kane, S. R., et al., 2019, *The Astronomical Journal*, "The L 98-59 System: Three Transiting, Terrestrial-size Planets Orbiting a Nearby M Dwarf"
202. Jung, Y. K., Gould, A., Udalski, A., Sumi, T., Yee, J. C., Shvartzvald, Y., Zang, W., and Han, C., Albrow, M. D., et al., 2019, *The Astronomical Journal*, "Spitzer Parallax of OGLE-2018-BLG-0596: A Low-mass-ratio Planet around an M Dwarf"
203. Paudel, R. R., Gizis, J. E., Mullan, D. J., Schmidt, S. J., Burgasser, A. J., Williams, P. K. G., Youngblood, A., **Stassun**, K. G., 2019, *Monthly Notices of the Royal Astronomical Society*, "K2 Ultracool Dwarfs Survey - V. High superflare rates on rapidly rotating late-M dwarfs"
204. Cañas, C. I., Stefansson, G., Monson, A. J., Teske, J. K., Bender, C. F., Mahadevan, S., Aerts, C., Beaton, R. L., Butler, R. P., Covey, K. R., et al., 2019, *The Astrophysical Journal*, "TOI-150: A Transiting Hot Jupiter in the TESS Southern CVZ"
205. Huber, D., Chaplin, W. J., Chontos, A., Kjeldsen, H., Christensen-Dalsgaard, J., Bedding, T. R., Ball, W., Brahm, R., Espinoza, N., Henning, T., et al., 2019, *The Astronomical Journal*, "A Hot Saturn Orbiting an Oscillating Late Subgiant Discovered by TESS"
206. Feliz, D. L., Blank, D. L., Collins, K. A., White, G. L., **Stassun**, K. G., Curtis, I. A., Hart, R., Kielkopf, J. F., Nelson, P., Relles, H., et al., 2019, *The Astronomical Journal*, "A Multi-year Search for Transits of Proxima Centauri. II. No Evidence for Transit Events with Periods between 1 and 30 days"
207. Bouma, L. G., Winn, J. N., Baxter, C., Bhatti, W., Dai, F., Daylan, T., Désert, J.-M., Hill, M. L., Kane, S. R., **Stassun**, K. G., et al., 2019, *The Astronomical Journal*, "WASP-4b Arrived Early for the TESS Mission"
208. Roulston, B. R., Green, P. J., Ruan, J. J., MacLeod, C. L., Anderson, S. F., Badenes, C., Brownstein, J. R., Schneider, D. P., **Stassun**, K. G., 2019, *The Astrophysical Journal*, "The Time-domain Spectroscopic Survey: Radial Velocity Variability in Dwarf Carbon Stars"
209. Chojnowski, S. D., Hubrig, S., Hasselquist, S., Castelli, F., Whelan, D. G., Majewski, S. R., Nitschelm, C., García-Hernández, D. A., **Stassun**, K. G., Zamora, O., 2019, *The Astrophysical Journal*, "Erratum: "Discovery of Resolved Magnetically Split Lines in SDSS/APOGEE Spectra of 157 Ap/Bp Stars" (2019, ApJL, 873, L5)"
210. Gandolfi, D., Fossati, L., Livingston, J. H., **Stassun**, K. G., Grziwa, S., Barragán, O., Fridlund, M.,

- Kubyskhina, D., Persson, C. M., Dai, F., et al., 2019, *The Astrophysical Journal*, "The Transiting Multi-planet System HD15337: Two Nearly Equal-mass Planets Straddling the Radius Gap"
211. Zhan, Z., Günther, M. N., Rappaport, S., Oláh, K., Mann, A., Levine, A. M., Winn, J., Dai, F., Zhou, G., Huang, C. X., et al., 2019, *The Astrophysical Journal*, "Complex Rotational Modulation of Rapidly Rotating M Stars Observed with TESS"
212. Su, K. Y. L., Jackson, A. P., Gáspár, A., Rieke, G. H., Dong, R., Olofsson, J., Kennedy, G. M., Leinhardt, Z. M., Malhotra, R., Hammer, M., et al., 2019, *The Astronomical Journal*, "Extreme Debris Disk Variability: Exploring the Diverse Outcomes of Large Asteroid Impacts During the Era of Terrestrial Planet Formation"
213. Kounkel, M., Covey, K., Moe, M., Kratter, K. M., Suárez, G., **Stassun**, K. G., Román-Zúñiga, C., Hernandez, J., Kim, J. S., Peña Ramírez, K., et al., 2019, *The Astronomical Journal*, "Close Companions around Young Stars"
214. Rodriguez, J. E., Quinn, S. N., Huang, C. X., Vanderburg, A., Penev, K., Brahm, R., Jordán, A., Ikwut-Ukwa, M., Tsurulik, S., Latham, D. W., et al., 2019, *The Astronomical Journal*, "An Eccentric Massive Jupiter Orbiting a Subgiant on a 9.5-day Period Discovered in the Transiting Exoplanet Survey Satellite Full Frame Images"
215. Shporer, A., Wong, I., Huang, C. X., Line, M. R., **Stassun**, K. G., Fetherolf, T., Kane, S. R., Bouma, L. G., Daylan, T., Günther, M. N., et al., 2019, *The Astronomical Journal*, "TESS Full Orbital Phase Curve of the WASP-18b System"
216. Dragomir, D., Teske, J., Günther, M. N., Ségransan, D., Burt, J. A., Huang, C. X., Vanderburg, A., Matthews, E., Dumusque, X., **Stassun**, K. G., et al., 2019, *The Astrophysical Journal*, "TESS Delivers Its First Earth-sized Planet and a Warm Sub-Neptune"
217. Kaltenegger, L., Pepper, J., **Stassun**, K., Oelkers, R., 2019, *The Astrophysical Journal*, "TESS Habitable Zone Star Catalog"
218. Chojnowski, S. D., Hubrig, S., Hasselquist, S., Castelli, F., Whelan, D. G., Majewski, S. R., Nitschelm, C., García-Hernández, D. A., **Stassun**, K. G., Zamora, O., 2019, *The Astrophysical Journal*, "Discovery of Resolved Magnetically Split Lines in SDSS/APOGEE Spectra of 157 Ap/Bp Stars"
219. Nielsen, L. D., Bouchy, F., Turner, O., Giles, H., Suárez Mascareño, A., Lovis, C., Marmier, M., Pepe, F., Ségransan, D., Udry, S., et al., 2019, *Astronomy and Astrophysics*, "A Jovian planet in an eccentric 11.5 day orbit around HD 1397 discovered by TESS"
220. Gómez Maqueo Chew, Y., Hebb, L., Stempels, H. C., Paat, A., **Stassun**, K. G., Faedi, F., Street, R. A., Rohn, G., Hellier, C., Anderson, D. R., 2019, *Astronomy and Astrophysics*, "Fundamental properties of the pre-main sequence eclipsing stars of MML 53 and the mass of the tertiary"
221. Aguado, D. S., Ahumada, R., Almeida, A., Anderson, S. F., Andrews, B. H., Anguiano, B., Aquino Ortíz, E., Aragón-Salamanca, A., Argudo-Fernández, M., Aubert, M., et al., 2019, *The Astrophysical Journal Supplement Series*, "The Fifteenth Data Release of the Sloan Digital Sky Surveys: First Release of MaNGA-derived Quantities, Data Visualization Tools, and Stellar Library"
222. Vanderspek, R., Huang, C. X., Vanderburg, A., Ricker, G. R., Latham, D. W., Seager, S., Winn, J. N., Jenkins, J. M., Burt, J., Dittmann, J., et al., 2019, *The Astrophysical Journal*, "TESS Discovery of an Ultra-short-period Planet around the Nearby M Dwarf LHS 3844"
223. Wang, S., Jones, M., Shporer, A., Fulton, B. J., Paredes, L. A., Trifonov, T., Kossakowski, D., Eastman, J., Redfield, S., Günther, M. N., et al., 2019, *The Astronomical Journal*, "HD 202772A b: A Transiting Hot Jupiter around a Bright, Mildly Evolved Star in a Visual Binary Discovered by TESS"
224. Pepper, J., Krupińska, O. D., **Stassun**, K. G., Gelino, D. M., 2019, *Publications of the Astronomical Society of the Pacific*, "What Does a Successful Postdoctoral Fellowship Publication Record Look Like?"
225. Labadie-Bartz, J., Rodriguez, J. E., **Stassun**, K. G., Ciardi, D. R., Penev, K., Johnson, M. C., Gaudi, B. S., Colón, K. D., Bieryla, A., Latham, D. W., et al., 2019, *The Astrophysical Journal Supplement Series*, "KELT-22Ab: A Massive, Short-Period Hot Jupiter Transiting a Near-solar Twin"
226. Cañas, C. I., Wang, S., Mahadevan, S., Bender, C. F., De Lee, N., Fleming, S. W., García-Hernández, D.

- A., Hearty, F. R., Majewski, S. R., Roman-Lopes, A., et al., 2019, *The Astrophysical Journal*, "Kepler-730: A Hot Jupiter System with a Close-in, Transiting, Earth-sized Planet"
227. Yao, X., Pepper, J., Gaudi, B. S., Labadie-Bartz, J., Beatty, T. G., Colón, K. D., James, D. J., Kuhn, R. B., Lund, M. B., Rodriguez, J. E., et al., 2019, *The Astronomical Journal*, "Precovery of Transiting Exoplanet Survey Satellite Single Transits with Kilodegree Extremely Little Telescope"
228. Becker, J. C., Vanderburg, A., Rodriguez, J. E., Omohundro, M., Adams, F. C., **Stassun**, K. G., Yao, X., Hartman, J., Pepper, J., Bakos, G., et al., 2019, *The Astronomical Journal*, "A Discrete Set of Possible Transit Ephemerides for Two Long-period Gas Giants Orbiting HIP 41378"
229. Grieves, N., Ge, J., Thomas, N., Willis, K., Ma, B., Lorenzo-Oliveira, D., Queiroz, A. B. A., Ghezzi, L., Chiappini, C., Anders, F., et al., 2018, *Monthly Notices of the Royal Astronomical Society*, "Chemo-kinematics of the Milky Way from the SDSS-III MARVELS survey"
230. Monnier, J. D., Kraus, S., Ireland, M. J., Baron, F., Bayo, A., Berger, J.-P., Creech-Eakman, M., Dong, R., Duchêne, G., Espaillet, C., et al., 2018, *Experimental Astronomy*, "The planet formation imager"
231. Pinsonneault, M. H., Elsworth, Y. P., Tayar, J., Serenelli, A., Stello, D., Zinn, J., Mathur, S., García, R. A., Johnson, J. A., Hekker, S., et al., 2018, *The Astrophysical Journal Supplement Series*, "The Second APOKASC Catalog: The Empirical Approach"
232. Huang, C. X., Burt, J., Vanderburg, A., Günther, M. N., Shporer, A., Dittmann, J. A., Winn, J. N., Wittenmyer, R., Sha, L., Kane, S. R., et al., 2018, *The Astrophysical Journal*, "TESS Discovery of a Transiting Super-Earth in the pi Mensae System"
233. Yu, L., Zhou, G., Rodriguez, J. E., Huang, C. X., Vanderburg, A., Quinn, S. N., Gaudi, B. S., Beichman, C. A., Berlind, P., Bieryla, A., et al., 2018, *The Astronomical Journal*, "EPIC 246851721 b: A Tropical Jupiter Transiting a Rapidly Rotating Star in a Well-aligned Orbit"
234. Kempton, E. M.-R., Bean, J. L., Louie, D. R., Deming, D., Koll, D. D. B., Mansfield, M., Christiansen, J. L., López-Morales, M., Swain, M. R., Zellem, R. T., et al., 2018, *Publications of the Astronomical Society of the Pacific*, "A Framework for Prioritizing the TESS Planetary Candidates Most Amenable to Atmospheric Characterization"
235. Rodriguez, J. E., Becker, J. C., Eastman, J. D., Hadden, S., Vanderburg, A., Khain, T., Quinn, S. N., Mayo, A., Dressing, C. D., Schlieder, J. E., et al., 2018, *The Astronomical Journal*, "A Compact Multi-planet System with a Significantly Misaligned Ultra Short Period Planet"
236. Collins, K. A., Collins, K. I., Pepper, J., Labadie-Bartz, J., **Stassun**, K. G., Gaudi, B. S., Bayliss, D., Bento, J., COLÓN, K. D., Feliz, D., et al., 2018, *The Astronomical Journal*, "The KELT Follow-up Network and Transit False-positive Catalog: Pre-vetted False Positives for TESS"
237. Ma, B., Ge, J., Muterspaugh, M., Singer, M. A., Henry, G. W., González Hernández, J. I., Sithajan, S., Jeram, S., Williamson, M., **Stassun**, K., et al., 2018, *Monthly Notices of the Royal Astronomical Society*, "The first super-Earth detection from the high cadence and high radial velocity precision Dharma Planet Survey"
238. **Stassun**, K. G., Oelkers, R. J., Pepper, J., Paegert, M., Bastien, F. A., De Lee, N., Torres, G., Latham, D. W., 2018, *The Astronomical Journal*, "Erratum: The TESS Input Catalog and Candidate Target List (2018, AJ, 156, 102)"
239. Chojnowski, S. D., Labadie-Bartz, J., Rivinius, T., Gies, D., Panoglou, D., Borges Fernandes, M., Wisniewski, J. P., Whelan, D. G., Mennickent, R. E., McMillan, R., et al., 2018, *The Astrophysical Journal*, "The Remarkable Be+sdOB Binary HD 55606. I. Orbital and Stellar Parameters"
240. Oelkers, R. J., **Stassun**, K. G., 2018, *The Astronomical Journal*, "Precision Light Curves from TESS Full-frame Images: A Different Imaging Approach"
241. Yu, L., Rodriguez, J. E., Eastman, J. D., Crossfield, I. J. M., Shporer, A., Gaudi, B. S., Burt, J., Fulton, B. J., Sinukoff, E., Howard, A. W., et al., 2018, *The Astronomical Journal*, "Two Warm, Low-density Sub-Jovian Planets Orbiting Bright Stars in K2 Campaigns 13 and 14"
242. **Stassun**, K. G., Oelkers, R. J., Pepper, J., Paegert, M., De Lee, N., Torres, G., Latham, D. W., Charpinet, S., Dressing, C. D., Huber, D., et al., 2018, *The Astronomical Journal*, "The TESS Input Catalog and Candidate Target List"

243. Kounkel, M., Covey, K., Suárez, G., Román-Zúñiga, C., Hernandez, J., **Stassun**, K., Jaehnig, K. O., Feigelson, E. D., Peña Ramírez, K., Roman-Lopes, A., et al., 2018, *The Astronomical Journal*, "The APOGEE-2 Survey of the Orion Star-forming Complex. II. Six-dimensional Structure"
244. Skinner, J., Covey, K. R., Bender, C. F., Rivera, N., De Lee, N., Souto, D., Chojnowski, D., Troup, N., Badenes, C., Bizyaev, D., et al., 2018, *The Astronomical Journal*, "Forty-four New and Known M-dwarf Multiples in the SDSS-III/APOGEE M-dwarf Ancillary Science Sample"
245. **Stassun**, K. G., Torres, G., 2018, *The Astrophysical Journal*, "Evidence for a Systematic Offset of -80 μ as in the Gaia DR2 Parallaxes"
246. Stevens, D. J., Gaudi, B. S., **Stassun**, K. G., 2018, *The Astrophysical Journal*, "Measuring Model-independent Masses and Radii of Single-lined Eclipsing Binaries: Analytic Precision Estimates"
247. Cañas, C. I., Bender, C. F., Mahadevan, S., Fleming, S. W., Beatty, T. G., Covey, K. R., De Lee, N., Hearty, F. R., García-Hernández, D. A., Majewski, S. R., et al., 2018, *The Astrophysical Journal*, "Kepler-503b: An Object at the Hydrogen Burning Mass Limit Orbiting a Subgiant Star"
248. Kreidberg, L., Line, M. R., Parmentier, V., Stevenson, K. B., Louden, T., Bonnefoy, M., Faherty, J. K., Henry, G. W., Williamson, M. H., **Stassun**, K., et al., 2018, *The Astronomical Journal*, "Global Climate and Atmospheric Composition of the Ultra-hot Jupiter WASP-103b from HST and Spitzer Phase Curve Observations"
249. Burger, D., **Stassun**, K. G., Barnes, C., Kafka, S., Beck, S., Li, K., 2018, *Journal of the American Association of Variable Star Observers (JAAVSO)*, "AAVSO Target Tool: A Web-Based Service for Tracking Variable Star Observations (Abstract)"
250. Cottle, J. 'Neil ., Covey, K. R., Suárez, G., Román-Zúñiga, C., Schlafly, E., Downes, J. J., Ybarra, J. E., Hernandez, J., **Stassun**, K., Stringfellow, G. S., et al., 2018, *The Astrophysical Journal Supplement Series*, "The APOGEE-2 Survey of the Orion Star-forming Complex. I. Target Selection and Validation with Early Observations"
251. Souto, D., Unterborn, C. T., Smith, V. V., Cunha, K., Teske, J., Covey, K., Rojas-Ayala, B., García-Hernández, D. A., **Stassun**, K., Zamora, O., et al., 2018, *The Astrophysical Journal*, "Stellar and Planetary Characterization of the Ross 128 Exoplanetary System from APOGEE Spectra"
252. Rodriguez, J. E., Loomis, R., Cabrit, S., Haworth, T. J., Facchini, S., Dougados, C., Booth, R. A., Jensen, E. L. N., Clarke, C. J., **Stassun**, K. G., et al., 2018, *The Astrophysical Journal*, "Multiple Stellar Flybys Sculpting the Circumstellar Architecture in RW Aurigae"
253. Blank, D. L., Feliz, D., Collins, K. A., White, G. L., **Stassun**, K. G., Curtis, I. A., Hart, R., Kielkopf, J. F., Nelson, P., Relles, H., et al., 2018, *The Astronomical Journal*, "A Multi-year Search for Transits of Proxima Centauri. I. Light Curves Corresponding to Published Ephemerides"
254. Queiroz, A. B. A., Anders, F., Santiago, B. X., Chiappini, C., Steinmetz, M., Dal Ponte, M., **Stassun**, K. G., da Costa, L. N., Maia, M. A. G., Crestani, J., et al., 2018, *Monthly Notices of the Royal Astronomical Society*, "StarHorse: a Bayesian tool for determining stellar masses, ages, distances, and extinctions for field stars"
255. Abolfathi, B., Aguado, D. S., Aguilar, G., Allende Prieto, C., Almeida, A., Ananna, T. T., Anders, F., Anderson, S. F., Andrews, B. H., Anguiano, B., et al., 2018, *The Astrophysical Journal Supplement Series*, "The Fourteenth Data Release of the Sloan Digital Sky Survey: First Spectroscopic Data from the Extended Baryon Oscillation Spectroscopic Survey and from the Second Phase of the Apache Point Observatory Galactic Evolution Experiment"
256. Souto, D., Cunha, K., Smith, V. V., Allende Prieto, C., García-Hernández, D. A., Pinsonneault, M., Holzer, P., Frinchaboy, P., Holtzman, J., Johnson, J. A., et al., 2018, *The Astrophysical Journal*, "Chemical Abundances of Main-sequence, Turnoff, Subgiant, and Red Giant Stars from APOGEE Spectra. I. Signatures of Diffusion in the Open Cluster M67"
257. Martioli, E., Colón, K. D., Angerhausen, D., **Stassun**, K. G., Rodriguez, J. E., Zhou, G., Gaudi, B. S., Pepper, J., Beatty, T. G., Tata, R., et al., 2018, *Monthly Notices of the Royal Astronomical Society*, "A survey of eight hot Jupiters in secondary eclipse using WIRCcam at CFHT"
258. Conroy, K. E., Prša, A., Horvat, M., **Stassun**, K. G., 2018, *The Astrophysical Journal*, "The Effects of

- Barycentric and Asymmetric Transverse Velocities on Eclipse and Transit Times"
259. Badenes, C., Mazzola, C., Thompson, T. A., Covey, K., Freeman, P. E., Walker, M. G., Moe, M., Troup, N., Nidever, D., Allende Prieto, C., et al., 2018, *The Astrophysical Journal*, "Stellar Multiplicity Meets Stellar Evolution and Metallicity: The APOGEE View"
 260. Johnson, M. C., Rodriguez, J. E., Zhou, G., Gonzales, E. J., Cargile, P. A., Crepp, J. R., Penev, K., **Stassun**, K. G., Gaudi, B. S., Colón, K. D., et al., 2018, *The Astronomical Journal*, "KELT-21b: A Hot Jupiter Transiting the Rapidly Rotating Metal-poor Late-A Primary of a Likely Hierarchical Triple System"
 261. Wilson, R. F., Teske, J., Majewski, S. R., Cunha, K., Smith, V., Souto, D., Bender, C., Mahadevan, S., Troup, N., Allende Prieto, C., et al., 2018, *The Astronomical Journal*, "Elemental Abundances of Kepler Objects of Interest in APOGEE. I. Two Distinct Orbital Period Regimes Inferred from Host Star Iron Abundances"
 262. Labadie-Bartz, J., Chojnowski, S. D., Whelan, D. G., Pepper, J., McSwain, M. V., Borges Fernandes, M., Wisniewski, J. P., Stringfellow, G. S., Carciofi, A. C., Siverd, R. J., et al., 2018, *The Astronomical Journal*, "Outbursts and Disk Variability in Be Stars"
 263. Villanueva, S., Gaudi, B. S., Pogge, R. W., Eastman, J. D., **Stassun**, K. G., Trueblood, M., Trueblood, P., 2018, *Publications of the Astronomical Society of the Pacific*, "DEdicated MONitor of EXotransits and Transients (DEMONEXT): System Overview and Year One Results from a Low-cost Robotic Telescope for Followup of Exoplanetary Transits and Transients"
 264. Ansdell, M., Oelkers, R. J., Rodriguez, J. E., Gaidos, E., Somers, G., Mamajek, E., Cargile, P. A., **Stassun**, K. G., Pepper, J., Stevens, D. J., et al., 2018, *Monthly Notices of the Royal Astronomical Society*, "Identification of young stellar variables with KELT for K2 - II. The Upper Scorpius association"
 265. Bose, S., Dong, S., Pastorello, A., Filippenko, A. V., Kochanek, C. S., Mauerhan, J., Romero-Cañizales, C., Brink, T. G., Chen, P., Prieto, J. L., et al., 2018, *The Astrophysical Journal*, "Gaia17biu/SN 2017egm in NGC 3191: The Closest Hydrogen-poor Superluminous Supernova to Date Is in a "Normal," Massive, Metal-rich Spiral Galaxy"
 266. Oelkers, R. J., Rodriguez, J. E., **Stassun**, K. G., Pepper, J., Somers, G., Kafka, S., Stevens, D. J., Beatty, T. G., Siverd, R. J., Lund, M. B., et al., 2018, *The Astronomical Journal*, "Variability Properties of Four Million Sources in the TESS Input Catalog Observed with the Kilodegree Extremely Little Telescope Survey"
 267. Siverd, R. J., Collins, K. A., Zhou, G., Quinn, S. N., Gaudi, B. S., **Stassun**, K. G., Johnson, M. C., Bieryla, A., Latham, D. W., Ciardi, D. R., et al., 2018, *The Astronomical Journal*, "KELT-19Ab: A $P \sim 4.6$ -day Hot Jupiter Transiting a Likely Am Star with a Distant Stellar Companion"
 268. **Stassun**, K. G., Corsaro, E., Pepper, J. A., Gaudi, B. S., 2018, *The Astronomical Journal*, "Empirical Accurate Masses and Radii of Single Stars with TESS and Gaia"
 269. MacLeod, C. L., Green, P. J., Anderson, S. F., Eracleous, M., Ruan, J. J., Runnoe, J., Brandt, W. N., Badenes, C., Greene, J., Morganson, E., et al., 2018, *The Astronomical Journal*, "The Time-domain Spectroscopic Survey: Target Selection for Repeat Spectroscopy"
 270. Albareti, F. D., Allende Prieto, C., Almeida, A., Anders, F., Anderson, S., Andrews, B. H., Aragón-Salamanca, A., Argudo-Fernández, M., Armengaud, E., Aubourg, E., et al., 2017, *The Astrophysical Journal Supplement Series*, "The 13th Data Release of the Sloan Digital Sky Survey: First Spectroscopic Data from the SDSS-IV Survey Mapping Nearby Galaxies at Apache Point Observatory"
 271. Serenelli, A., Johnson, J., Huber, D., Pinsonneault, M., Ball, W. H., Tayar, J., Silva Aguirre, V., Basu, S., Troup, N., Hekker, S., et al., 2017, *The Astrophysical Journal Supplement Series*, "The First APOKASC Catalog of Kepler Dwarf and Subgiant Stars"
 272. Czekala, I., Andrews, S. M., Torres, G., Rodriguez, J. E., Jensen, E. L. N., **Stassun**, K. G., Latham, D. W., Wilner, D. J., Gully-Santiago, M. A., Grankin, K. N., et al., 2017, *The Astrophysical Journal*, "The Architecture of the GW Ori Young Triple-star System and Its Disk: Dynamical Masses, Mutual Inclinations, and Recurrent Eclipses"
 273. Jaehrig, K., Bird, J. C., **Stassun**, K. G., Da Rio, N., Tan, J. C., Cotaar, M., Somers, G., 2017, *The Astrophysical Journal*, "IN-SYNC. VII. Evidence for a Decreasing Spectroscopic Binary Fraction (from 1

- to 100 Myr) within the IN-SYNC Sample"
274. Stevens, D. J., **Stassun**, K. G., Gaudi, B. S., 2017, The Astronomical Journal, "Empirical Bolometric Fluxes and Angular Diameters of 1.6 Million Tycho-2 Stars and Radii of 350,000 Stars with Gaia DR1 Parallaxes"
 275. Sirorattanakul, K., Engle, S., Pepper, J., Wells, M., Laney, C. D., Rodriguez, J. E., **Stassun**, K. G., 2017, The Astronomical Journal, "Period Variations for the Cepheid VZ Cyg"
 276. Temple, L. Y., Hellier, C., Albrow, M. D., Anderson, D. R., Bayliss, D., Beatty, T. G., Bieryla, A., Brown, D. J. A., Cargile, P. A., Collier Cameron, A., et al., 2017, Monthly Notices of the Royal Astronomical Society, "WASP-167b/KELT-13b: joint discovery of a hot Jupiter transiting a rapidly rotating F1V star"
 277. Lund, M. B., Rodriguez, J. E., Zhou, G., Gaudi, B. S., **Stassun**, K. G., Johnson, M. C., Bieryla, A., Oelkers, R. J., Stevens, D. J., Collins, K. A., et al., 2017, The Astronomical Journal, "KELT-20b: A Giant Planet with a Period of $P \sim 3.5$ days Transiting the $V \sim 7.6$ Early A Star HD 185603"
 278. Osborn, H. P., Rodriguez, J. E., Kenworthy, M. A., Kennedy, G. M., Mamajek, E. E., Robinson, C. E., Espallat, C. C., Armstrong, D. J., Shappee, B. J., Bieryla, A., et al., 2017, Monthly Notices of the Royal Astronomical Society, "Periodic eclipses of the young star PDS 110 discovered with WASP and KELT photometry"
 279. Rodriguez, J. E., Ansdell, M., Oelkers, R. J., Cargile, P. A., Gaidos, E., Cody, A. M., Stevens, D. J., Somers, G., James, D., Beatty, T. G., et al., 2017, The Astrophysical Journal, "Identification of Young Stellar Variables with KELT for K2. I. Taurus Dippers and Rotators"
 280. Oelkers, R. J., **Stassun**, K. G., Dhital, S., 2017, The Astronomical Journal, "Erratum "Gaia Assorted Mass Binaries Long Excluded from SLOWPoKES (GAMBLES): Identifying Ultra-wide Binary Pairs with Components of Diverse Mass" (2017, AJ, 153, 259)"
 281. Corsaro, E., Mathur, S., García, R. A., Gaulme, P., Pinsonneault, M., **Stassun**, K., Stello, D., Tayar, J., Trampedach, R., Jiang, C., et al., 2017, Astronomy and Astrophysics, "Metallicity effect on stellar granulation detected from oscillating red giants in open clusters"
 282. Fernandez, M. A., Covey, K. R., De Lee, N., Chojnowski, S. D., Nidever, D., Ballantyne, R., Cottaar, M., Da Rio, N., Foster, J. B., Majewski, S. R., et al., 2017, Publications of the Astronomical Society of the Pacific, "IN-SYNC VI. Identification and Radial Velocity Extraction for 100+ Double-Lined Spectroscopic Binaries in the APOGEE/IN-SYNC Fields"
 283. Da Rio, N., Tan, J. C., Covey, K. R., Cottaar, M., Foster, J. B., Cullen, N. C., Tobin, J., Kim, J. S., Meyer, M. R., Nidever, D. L., et al., 2017, The Astrophysical Journal, "IN-SYNC. V. Stellar Kinematics and Dynamics in the Orion A Molecular Cloud"
 284. Lubin, J. B., Rodriguez, J. E., Zhou, G., Conroy, K. E., **Stassun**, K. G., Collins, K., Stevens, D. J., Labadie-Bartz, J., Stockdale, C., Myers, G., et al., 2017, The Astrophysical Journal, "A Bright Short Period M-M Eclipsing Binary from the KELT Survey: Magnetic Activity and the Mass-Radius Relationship for M Dwarfs"
 285. Huber, D., Zinn, J., Bojsen-Hansen, M., Pinsonneault, M., Sahlholdt, C., Serenelli, A., Silva Aguirre, V., **Stassun**, K., Stello, D., Tayar, J., et al., 2017, The Astrophysical Journal, "Asteroseismology and Gaia: Testing Scaling Relations Using 2200 Kepler Stars with TGAS Parallaxes"
 286. Blanton, M. R., Bershady, M. A., Abolfathi, B., Albareti, F. D., Allende Prieto, C., Almeida, A., Alonso-García, J., Anders, F., Anderson, S. F., Andrews, B., et al., 2017, The Astronomical Journal, "Sloan Digital Sky Survey IV: Mapping the Milky Way, Nearby Galaxies, and the Distant Universe"
 287. Beatty, T. G., Stevens, D. J., Collins, K. A., Colón, K. D., James, D. J., Kreidberg, L., Pepper, J., Rodriguez, J. E., Siverd, R. J., **Stassun**, K. G., et al., 2017, The Astronomical Journal, "Determining Empirical Stellar Masses and Radii from Transits and Gaia Parallaxes as Illustrated by Spitzer Observations of KELT-11b"
 288. Suárez, G., Downes, J. J., Román-Zúñiga, C., Covey, K. R., Tapia, M., Hernández, J., Petr-Gotzens, M. G., **Stassun**, K. G., Briceño, C., 2017, The Astronomical Journal, "New Low-mass Stars in the 25 Orionis Stellar Group and Orion OB1a Sub-association from SDSS-III/BOSS Spectroscopy"
 289. Gaudi, B. S., **Stassun**, K. G., Collins, K. A., Beatty, T. G., Zhou, G., Latham, D. W., Bieryla, A., Eastman, J. D., Siverd, R. J., Crepp, J. R., et al., 2017, Nature, "A giant planet undergoing extreme-ultraviolet

- irradiation by its hot massive-star host"
290. Grieves, N., Ge, J., Thomas, N., Ma, B., Sithajan, S., Ghezzi, L., Kimock, B., Willis, K., De Lee, N., Lee, B., et al., 2017, *Monthly Notices of the Royal Astronomical Society*, "Exploring the brown dwarf desert: new substellar companions from the SDSS-III MARVELS survey"
 291. Wiggins, B., Bell, J., Woodward, J., Goodwin, B., **Stassun**, K., Burger, A., Stowe, A., 2017, *Journal of Crystal Growth*, "Crystal growth of $\text{LiIn}_{1-x}\text{Ga}_x\text{Se}_2$ crystals"
 292. McLeod, K. K., Rodriguez, J. E., Oelkers, R. J., Collins, K. A., Bieryla, A., Fulton, B. J., **Stassun**, K. G., Gaudi, B. S., Penev, K., Stevens, D. J., et al., 2017, *The Astronomical Journal*, "KELT-18b: Puffy Planet, Hot Host, Probably Perturbed"
 293. Oelkers, R. J., **Stassun**, K. G., Dhital, S., 2017, *The Astronomical Journal*, "Gaia Assorted Mass Binaries Long Excluded from SLOWPoKES (GAMBLES): Identifying Ultra-wide Binary Pairs with Components of Diverse Mass"
 294. Labadie-Bartz, J., Pepper, J., McSwain, M. V., Bjorkman, J. E., Bjorkman, K. S., Lund, M. B., Rodriguez, J. E., **Stassun**, K. G., Stevens, D. J., James, D. J., et al., 2017, *The Astronomical Journal*, "Photometric Variability of the Be Star Population"
 295. Tayar, J., Somers, G., Pinsonneault, M. H., Stello, D., Mints, A., Johnson, J. A., Zamora, O., García-Hernández, D. A., Maraston, C., Serenelli, A., et al., 2017, *The Astrophysical Journal*, "The Correlation between Mixing Length and Metallicity on the Giant Branch: Implications for Ages in the Gaia Era"
 296. Pepper, J., Rodriguez, J. E., Collins, K. A., Johnson, J. A., Fulton, B. J., Howard, A. W., Beatty, T. G., **Stassun**, K. G., Isaacson, H., Colón, K. D., et al., 2017, *The Astronomical Journal*, "KELT-11b: A Highly Inflated Sub-Saturn Exoplanet Transiting the $V = 8$ Subgiant HD 93396"
 297. Daemgen, S., Todorov, K., Silva, J., Hand, D., Garcia, E. V., Currie, T., Burrows, A., **Stassun**, K. G., Ratzka, T., Debes, J. H., et al., 2017, *Astronomy and Astrophysics*, "Mid-infrared characterization of the planetary-mass companion ROXs 42B b"
 298. Molnár, L., Derekas, A., Szabó, R., Matthews, J. M., Cameron, C., Moffat, A. F. J., Richardson, N. D., Csák, B., Dózsa, Á., Reed, P., et al., 2017, *Monthly Notices of the Royal Astronomical Society*, "V473 Lyr, a modulated, period-doubled Cepheid, and U TrA, a double-mode Cepheid, observed by MOST"
 299. Vega, L. D., **Stassun**, K. G., Montez, R., Boyd, P. T., Somers, G., 2017, *The Astrophysical Journal*, "Evidence for Binarity and Possible Disk Obscuration in Kepler Observations of the Pulsating RV Tau Variable DF Cygni"
 300. Jacklin, S. R., Lund, M. B., Pepper, J., **Stassun**, K. G., 2017, *The Astronomical Journal*, "Transiting Planets with LSST. III. Detection Rate per Year of Operation"
 301. Stevens, D. J., Collins, K. A., Gaudi, B. S., Beatty, T. G., Siverd, R. J., Bieryla, A., Fulton, B. J., Crepp, J. R., Gonzales, E. J., Coker, C. T., et al., 2017, *The Astronomical Journal*, "KELT-12b: A $P \sim 5$ day, Highly Inflated Hot Jupiter Transiting a Mildly Evolved Hot Star"
 302. Pepper, J., Gillen, E., Parviainen, H., Hillenbrand, L. A., Cody, A. M., Aigrain, S., Stauffer, J., Vrba, F. J., David, T., Lillo-Box, J., et al., 2017, *The Astronomical Journal*, "A Low-mass Exoplanet Candidate Detected by K2 Transiting the Praesepe M Dwarf JS 183"
 303. Hippke, M., Kroll, P., Matthai, F., Angerhausen, D., Tuvikene, T., **Stassun**, K. G., Roshchina, E., Vasileva, T., Izmailov, I., Samus, N. N., et al., 2017, *The Astrophysical Journal*, "Sonneberg Plate Photometry for Boyajian's Star in Two Passbands"
 304. **Stassun**, K. G., Collins, K. A., Gaudi, B. S., 2017, *The Astronomical Journal*, "Accurate Empirical Radii and Masses of Planets and Their Host Stars with Gaia Parallaxes"
 305. Smith, N., **Stassun**, K. G., 2017, *The Astronomical Journal*, "The Canonical Luminous Blue Variable AG Car and Its Neighbor Hen 3-519 are Much Closer than Previously Assumed"
 306. Somers, G., **Stassun**, K. G., 2017, *The Astronomical Journal*, "A Measurement of Radius Inflation in the Pleiades and Its Relation to Rotation and Lithium Depletion"
 307. Oberst, T. E., Rodriguez, J. E., Colón, K. D., Angerhausen, D., Bieryla, A., Ngo, H., Stevens, D. J., **Stassun**, K. G., Gaudi, B. S., Pepper, J., et al., 2017, *The Astronomical Journal*, "KELT-16b: A Highly Irradiated, Ultra-short Period Hot Jupiter Nearing Tidal Disruption"

308. Rodriguez, J. E., Zhou, G., Cargile, P. A., Stevens, D. J., Osborn, H. P., Shappee, B. J., Reed, P. A., Lund, M. B., Relles, H. M., Latham, D. W., et al., 2017, *The Astrophysical Journal*, "The Mysterious Dimmings of the T Tauri Star V1334 Tau"
309. Torres, G., McGruder, C. D., Siverd, R. J., Rodriguez, J. E., Pepper, J., Stevens, D. J., **Stassun**, K. G., Lund, M. B., James, D., 2017, *The Astrophysical Journal*, "Absolute Dimensions of the Eccentric Eclipsing Binary V541 Cygni"
310. Souto, D., Cunha, K., García-Hernández, D. A., Zamora, O., Allende Prieto, C., Smith, V. V., Mahadevan, S., Blake, C., Johnson, J. A., Jönsson, H., et al., 2017, *The Astrophysical Journal*, "Chemical Abundances of M-dwarfs from the APOGEE Survey. I. The Exoplanet Hosting Stars Kepler-138 and Kepler-186"
311. Collins, K. A., Kielkopf, J. F., **Stassun**, K. G., 2017, *The Astronomical Journal*, "Transit Timing Variation Measurements of WASP-12b and Qatar-1b: No Evidence Of Additional Planets"
312. Collins, K. A., Kielkopf, J. F., **Stassun**, K. G., Hessman, F. V., 2017, *The Astronomical Journal*, "AstroImageJ: Image Processing and Photometric Extraction for Ultra-precise Astronomical Light Curves"
313. Kennedy, G. M., Kenworthy, M. A., Pepper, J., Rodriguez, J. E., Siverd, R. J., **Stassun**, K. G., Wyatt, M. C., 2017, *Royal Society Open Science*, "The transiting dust clumps in the evolved disc of the Sun-like UXor RZ Psc"
314. Garcia, E. V., Currie, T., Guyon, O., **Stassun**, K. G., Jovanovic, N., Lozi, J., Kudo, T., Doughty, D., Schlieder, J., Kwon, J., et al., 2017, *The Astrophysical Journal*, "SCEXAO and GPI Y JHband Photometry and Integral Field Spectroscopy of the Young Brown Dwarf Companion to HD 1160"
315. Cartier, K. M. S., Beatty, T. G., Zhao, M., Line, M., Ngo, H., Mawet, D., **Stassun**, K. G., Wright, J. T., Kreidberg, L., Fortney, J., et al., 2017, *The Astronomical Journal*, "Near-infrared Emission Spectrum of WASP-103b Using Hubble Space Telescope/Wide Field Camera 3"
316. Swihart, S. J., Garcia, E. V., **Stassun**, K. G., van Belle, G., Mutterspaugh, M. W., Elias, N., 2017, *The Astronomical Journal*, "A Catalog of Calibrator Stars for Next-generation Optical Interferometers"
317. Anders, F., Chiappini, C., Rodrigues, T. S., Miglio, A., Montalbán, J., Mosser, B., Girardi, L., Valentini, M., Noels, A., Morel, T., et al., 2017, *Astronomy and Astrophysics*, "Galactic archaeology with asteroseismology and spectroscopy: Red giants observed by CoRoT and APOGEE"
318. Karim, T., **Stassun**, K. G., Briceño, C., Vivas, A. K., Raetz, S., Mateu, C., Downes, J. J., Calvet, N., Hernández, J., Neuhäuser, R., et al., 2016, *The Astronomical Journal*, "The Rotation Period Distributions of 4-10 Myr T Tauri Stars in Orion OB1: New Constraints on Pre-main-sequence Angular Momentum Evolution"
319. **Stassun**, K. G., Torres, G., 2016, *The Astronomical Journal*, "Eclipsing Binaries as Benchmarks for Trigonometric Parallaxes in the Gaia Era"
320. Caudel, D., McCurdy, M., Fleetwood, D. M., Reed, R. A., Weller, R. A., Goodwin, B., Rowe, E., Buliga, V., Groza, M., **Stassun**, K., et al., 2016, *Nuclear Instruments and Methods in Physics Research A*, "Radiation damage of strontium iodide crystals due to irradiation by ^{137}Cs gamma rays: A novel approach to altering nonproportionality"
321. **Stassun**, K. G., Torres, G., 2016, *The Astrophysical Journal*, "Evidence for a Systematic Offset of -0.25 mas in the Gaia DR1 Parallaxes"
322. Rodriguez, J. E., **Stassun**, K. G., Cargile, P., Shappee, B. J., Siverd, R. J., Pepper, J., Lund, M. B., Kochanek, C. S., James, D., Kuhn, R. B., et al., 2016, *The Astrophysical Journal*, "DM Ori: A Young Star Occulted by a Disturbance in Its Protoplanetary Disk"
323. Zhou, G., Rodriguez, J. E., Collins, K. A., Beatty, T., Oberst, T., Heintz, T. M., **Stassun**, K. G., Latham, D. W., Kuhn, R. B., Bieryla, A., et al., 2016, *The Astronomical Journal*, "KELT-17b: A Hot-Jupiter Transiting an A-star in a Misaligned Orbit Detected with Doppler Tomography"
324. Stauffer, J., Rebull, L., Bouvier, J., Hillenbrand, L. A., Collier-Cameron, A., Pinsonneault, M., Aigrain, S., Barrado, D., Bouy, H., Ciardi, D., et al., 2016, *The Astronomical Journal*, "Rotation in the Pleiades with K2. III. Speculations on Origins and Evolution"
325. Rebull, L. M., Stauffer, J. R., Bouvier, J., Cody, A. M., Hillenbrand, L. A., Soderblom, D. R., Valenti, J.,

- Barrado, D., Bouy, H., Ciardi, D., et al., 2016, *The Astronomical Journal*, "Rotation in the Pleiades with K2. II. Multi-period Stars"
326. Rebull, L. M., Stauffer, J. R., Bouvier, J., Cody, A. M., Hillenbrand, L. A., Soderblom, D. R., Valenti, J., Barrado, D., Bouy, H., Ciardi, D., et al., 2016, *The Astronomical Journal*, "Rotation in the Pleiades with K2. I. Data and First Results"
327. Ma, B., Ge, J., Wolszczan, A., Muterspaugh, M. W., Lee, B., Henry, G. W., Schneider, D. P., Martín, E. L., Niedzielski, A., Xie, J., et al., 2016, *The Astronomical Journal*, "Very Low-mass Stellar and Substellar Companions to Solar-like Stars from MARVELS. VI. A Giant Planet and a Brown Dwarf Candidate in a Close Binary System HD 87646"
328. Egner, J. C., Groza, M., Burger, A., **Stassun**, K. G., Buliga, V., Matei, L., Bodnarik, J. G., Stowe, A. C., Prettyman, T. H., 2016, *Journal of Astronomical Telescopes, Instruments, and Systems*, "Integration of a LiInSe_2 thermal neutron detector into a CubeSat instrument"
329. Campante, T. L., Schofield, M., Kuszlewicz, J. S., Bouma, L., Chaplin, W. J., Huber, D., Christensen-Dalsgaard, J., Kjeldsen, H., Bossini, D., North, T. S. H., et al., 2016, *The Astrophysical Journal*, "The Asteroseismic Potential of TESS: Exoplanet-host Stars"
330. Monsue, T., Hill, F., **Stassun**, K. G., 2016, *The Astronomical Journal*, "Temporal Evolution of Chromospheric Oscillations in Flaring Regions: A Pilot Study"
331. Wiggins, B., Batista, E., Burger, A., **Stassun**, K., Stowe, A., 2016, *Physica Status Solidi B Basic Research*, "Density functional theory investigation of the $\text{LiIn}_{1-x}\text{Ga}_x\text{Se}_2$ solid solution"
332. Schmidt, S. J., Wagoner, E. L., Johnson, J. A., Davenport, J. R. A., **Stassun**, K. G., Souto, D., Ge, J., 2016, *Monthly Notices of the Royal Astronomical Society*, "Examining the relationships between colour, T_{eff} , and $[M/H]$ for APOGEE K and M dwarfs"
333. Kuhn, R. B., Rodriguez, J. E., Collins, K. A., Lund, M. B., Siverd, R. J., Colón, K. D., Pepper, J., **Stassun**, K. G., Cargile, P. A., James, D. J., et al., 2016, *Monthly Notices of the Royal Astronomical Society*, "KELT-10b: the first transiting exoplanet from the KELT-South survey - a hot sub-Jupiter transiting a $V = 10.7$ early G-star"
334. Ruan, J. J., Anderson, S. F., Green, P. J., Morganson, E., Eracleous, M., Myers, A. D., Badenes, C., Bershady, M. A., Brandt, W. N., Chambers, K. C., et al., 2016, *The Astrophysical Journal*, "The Time-Domain Spectroscopic Survey: Understanding the Optically Variable Sky with SEQUELS in SDSS-III"
335. Hippke, M., Angerhausen, D., Lund, M. B., Pepper, J., **Stassun**, K. G., 2016, *The Astrophysical Journal*, "A Statistical Analysis of the Accuracy of the Digitized Magnitudes of Photometric Plates on the Timescale of Decades with an Application to the Century-long Light Curve of KIC 8462852"
336. Rodriguez, J. E., Colón, K. D., **Stassun**, K. G., Wright, D., Cargile, P. A., Bayliss, D., Pepper, J., Collins, K. A., Kuhn, R. B., Lund, M. B., et al., 2016, *The Astronomical Journal*, "KELT-14b and KELT-15b: An Independent Discovery of WASP-122b and a New Hot Jupiter"
337. Garcia, E. V., Muterspaugh, M. W., van Belle, G., Monnier, J. D., **Stassun**, K. G., Ghasempour, A., Clark, J. H., Zavala, R. T., Benson, J. A., Hutter, D. J., et al., 2016, *Publications of the Astronomical Society of the Pacific*, "Vision: A Six-telescope Fiber-fed Visible Light Beam Combiner for the Navy Precision Optical Interferometer"
338. Rodriguez, J. E., **Stassun**, K. G., Lund, M. B., Siverd, R. J., Pepper, J., Tang, S., Kafka, S., Gaudi, B. S., Conroy, K. E., Beatty, T. G., et al., 2016, *The Astronomical Journal*, "An Extreme Analogue of ϵ Aurigae: An M-giant Eclipsed Every 69 Years by a Large Opaque Disk Surrounding a Small Hot Source"
339. David, T. J., Conroy, K. E., Hillenbrand, L. A., **Stassun**, K. G., Stauffer, J., Rebull, L. M., Cody, A. M., Isaacson, H., Howard, A. W., Aigrain, S., 2016, *The Astronomical Journal*, "New Pleiades Eclipsing Binaries and a Hyades Transiting System Identified by K2"
340. Currie, T., Grady, C. A., Cloutier, R., Konishi, M., **Stassun**, K., Debes, J., van der Marel, N., Muto, T., Jayawardhana, R., Ratzka, T., 2016, *The Astrophysical Journal*, "The Matryoshka Disk: Keck/NIRC2 Discovery of a Solar-system-scale, Radially Segregated Residual Protoplanetary Disk around HD 141569A"
341. Troup, N. W., Nidever, D. L., De Lee, N., Carlberg, J., Majewski, S. R., Fernandez, M., Covey, K.,

- Chojnowski, S. D., Pepper, J., Nguyen, D. T., et al., 2016, *The Astronomical Journal*, "Companions to APOGEE Stars. I. A Milky Way-spanning Catalog of Stellar and Substellar Companion Candidates and Their Diverse Hosts"
342. Kirk, B., Conroy, K., Prša, A., Abdul-Masih, M., Kochoska, A., Matijevič, G., Hambleton, K., Barclay, T., Bloemen, S., Boyajian, T., et al., 2016, *The Astronomical Journal*, "Kepler Eclipsing Binary Stars. VII. The Catalog of Eclipsing Binaries Found in the Entire Kepler Data Set"
343. Lund, M. B., Siverd, R. J., Pepper, J. A., **Stassun**, K. G., 2016, *Publications of the Astronomical Society of the Pacific*, "Metrics for Optimization of Large Synoptic Survey Telescope Observations of Stellar Variables and Transients"
344. Czekala, I., Andrews, S. M., Torres, G., Jensen, E. L. N., **Stassun**, K. G., Wilner, D. J., Latham, D. W., 2016, *The Astrophysical Journal*, "A Disk-based Dynamical Constraint on the Mass of the Young Binary DQ Tau"
345. Da Rio, N., Tan, J. C., Covey, K. R., Cottaar, M., Foster, J. B., Cullen, N. C., Tobin, J. J., Kim, J. S., Meyer, M. R., Nidever, D. L., et al., 2016, *The Astrophysical Journal*, "IN-SYNC. IV. The Young Stellar Population in the Orion A Molecular Cloud"
346. Mack, C. E., **Stassun**, K. G., Schuler, S. C., Hebb, L., Pepper, J. A., 2016, *The Astrophysical Journal*, "Detailed Abundances of Planet-hosting Wide Binaries. II. HD80606+HD80607"
347. Bastien, F. A., **Stassun**, K. G., Basri, G., Pepper, J., 2016, *The Astrophysical Journal*, "A Granulation "Flicker"-based Measure of Stellar Surface Gravity"
348. Eastman, J. D., Beatty, T. G., Siverd, R. J., Antognini, J. M. O., Penny, M. T., Gonzales, E. J., Crepp, J. R., Howard, A. W., Avril, R. L., Bieryla, A., et al., 2016, *The Astronomical Journal*, "KELT-4Ab: An Inflated Hot Jupiter Transiting the Bright ($V \sim 10$) Component of a Hierarchical Triple"
349. Rodriguez, J. E., Reed, P. A., Siverd, R. J., Pepper, J., **Stassun**, K. G., Gaudi, B. S., Weintraub, D. A., Beatty, T. G., Lund, M. B., Stevens, D. J., 2016, *The Astronomical Journal*, "Recurring Occultations of RW Aurigae by Coagulated Dust in the Tidally Disrupted Circumstellar Disk"
350. Wiggins, B., Groza, M., Tupitsyn, E., Lukosi, E., **Stassun**, K., Burger, A., Stowe, A., 2015, *Nuclear Instruments and Methods in Physics Research A*, "Scintillation properties of semiconducting LiInSe_2 crystals to ionizing radiation"
351. David, T. J., Stauffer, J., Hillenbrand, L. A., Cody, A. M., Conroy, K., **Stassun**, K. G., Pope, B., Aigrain, S., Gillen, E., Collier Cameron, A., et al., 2015, *The Astrophysical Journal*, "HII 2407: An Eclipsing Binary Revealed By K2 Observations of the Pleiades"
352. LaCourse, D. M., Jek, K. J., Jacobs, T. L., Winarski, T., Boyajian, T. S., Rappaport, S. A., Sanchis-Ojeda, R., Conroy, K. E., Nelson, L., Barclay, T., et al., 2015, *Monthly Notices of the Royal Astronomical Society*, "Kepler eclipsing binary stars - VI. Identification of eclipsing binaries in the K2 Campaign 0 data set"
353. Sanchis-Ojeda, R., Rappaport, S., Pallè, E., Delrez, L., DeVore, J., Gandolfi, D., Fukui, A., Ribas, I., **Stassun**, K. G., Albrecht, S., et al., 2015, *The Astrophysical Journal*, "The K2-ESPRINT Project I: Discovery of the Disintegrating Rocky Planet K2-22b with a Cometary Head and Leading Tail"
354. Fulton, B. J., Collins, K. A., Gaudi, B. S., **Stassun**, K. G., Pepper, J., Beatty, T. G., Siverd, R. J., Penev, K., Howard, A. W., Baranec, C., et al., 2015, *The Astrophysical Journal*, "KELT-8b: A Highly Inflated Transiting Hot Jupiter and a New Technique for Extracting High-precision Radial Velocities from Noisy Spectra"
355. Dhital, S., West, A. A., **Stassun**, K. G., Schluns, K. J., Massey, A. P., 2015, *The Astronomical Journal*, "SLoWPoKES-II: 100,000 Wide Binaries Identified in SDSS without Proper Motions"
356. Alam, S., Albareti, F. D., Allende Prieto, C., Anders, F., Anderson, S. F., Anderton, T., Andrews, B. H., Armengaud, E., Aubourg, É., Bailey, S., et al., 2015, *The Astrophysical Journal Supplement Series*, "The Eleventh and Twelfth Data Releases of the Sloan Digital Sky Survey: Final Data from SDSS-III"
357. Jacklin, S., Lund, M. B., Pepper, J., **Stassun**, K. G., 2015, *The Astronomical Journal*, "Transiting Planets with LSST. II. Period Detection of Planets Orbiting $1 M_{\odot}$ Hosts"
358. Rodriguez, J. E., Pepper, J., **Stassun**, K. G., Siverd, R. J., Cargile, P., Weintraub, D. A., Beatty, T. G.,

- Gaudi, B. S., Mamajek, E. E., Sanchez, N. N., 2015, *The Astronomical Journal*, "V409 Tau as Another AA Tau: Photometric Observations of Stellar Occultations by the Circumstellar Disk"
359. Bieryla, A., Collins, K., Beatty, T. G., Eastman, J., Siverd, R. J., Pepper, J., Gaudi, B. S., **Stassun**, K. G., Cañas, C., Latham, D. W., et al., 2015, *The Astronomical Journal*, "KELT-7b: A Hot Jupiter Transiting a Bright $V = 8.54$ Rapidly Rotating F-star"
360. Morganson, E., Green, P. J., Anderson, S. F., Ruan, J. J., Myers, A. D., Eracleous, M., Kelly, B., Badenes, C., Bañados, E., Blanton, M. R., et al., 2015, *The Astrophysical Journal*, "The Time Domain Spectroscopic Survey: Variable Selection and Anticipated Results"
361. Czekala, I., Andrews, S. M., Jensen, E. L. N., **Stassun**, K. G., Torres, G., Wilner, D. J., 2015, *The Astrophysical Journal*, "A Disk-based Dynamical Mass Estimate for the Young Binary AK Sco"
362. Paegert, M., **Stassun**, K. G., De Lee, N., Pepper, J., Fleming, S. W., Sivarani, T., Mahadevan, S., Mack, C. E., Dhital, S., Hebb, L., et al., 2015, *The Astronomical Journal*, "Target Selection for the SDSS-III MARVELS Survey"
363. Fleming, S. W., Mahadevan, S., Deshpande, R., Bender, C. F., Terrien, R. C., Marchwinski, R. C., Wang, J., Roy, A., **Stassun**, K. G., Allende Prieto, C., et al., 2015, *The Astronomical Journal*, "The APOGEE Spectroscopic Survey of Kepler Planet Hosts: Feasibility, Efficiency, and First Results"
364. Chiappini, C., Anders, F., Rodrigues, T. S., Miglio, A., Montalbán, J., Mosser, B., Girardi, L., Valentini, M., Noels, A., Morel, T., et al., 2015, *Astronomy and Astrophysics*, "Young $[\alpha/\text{Fe}]$ -enhanced stars discovered by CoRoT and APOGEE: What is their origin?"
365. Carlberg, J. K., Smith, V. V., Cunha, K., Majewski, S. R., Mészáros, S., Shetrone, M., Allende Prieto, C., Bizyaev, D., **Stassun**, K. G., Fleming, S. W., et al., 2015, *The Astrophysical Journal*, "The Puzzling Li-rich Red Giant Associated with NGC 6819"
366. Foster, J. B., Cottaar, M., Covey, K. R., Arce, H. G., Meyer, M. R., Nidever, D. L., **Stassun**, K. G., Tan, J. C., Chojnowski, S. D., da Rio, N., et al., 2015, *The Astrophysical Journal*, "IN-SYNC. II. Virial Stars from Subvirial Cores—the Velocity Dispersion of Embedded Pre-main-sequence Stars in NGC 1333"
367. Perea, R. S., Parsons, A. M., Groza, M., Cadel, D., Nowicki, S. F., Burger, A., **Stassun**, K. G., Peterson, T. E., 2015, *Journal of Astronomical Telescopes, Instruments, and Systems*, "Scintillation properties of strontium iodide doped with europium for high-energy astrophysical detectors: nonproportionality as a function of temperature and at high gamma-ray energies"
368. Ricker, G. R., Winn, J. N., Vanderspek, R., Latham, D. W., Bakos, G. Á., Bean, J. L., Berta-Thompson, Z. K., Brown, T. M., Buchhave, L., Butler, N. R., et al., 2015, *Journal of Astronomical Telescopes, Instruments, and Systems*, "Transiting Exoplanet Survey Satellite (TESS)"
369. Goobar, A., Kromer, M., Siverd, R., **Stassun**, K. G., Pepper, J., Amanullah, R., Kasliwal, M., Sollerman, J., Taddia, F., 2015, *The Astrophysical Journal*, "Constraints on the Origin of the First Light from SN 2014J"
370. Siverd, R. J., Goobar, A., **Stassun**, K. G., Pepper, J., 2015, *The Astrophysical Journal*, "Observations of the M82 SN 2014J with the Kilodegree Extremely Little Telescope"
371. Cunha, K., Smith, V. V., Johnson, J. A., Bergemann, M., Mészáros, S., Shetrone, M. D., Souto, D., Allende Prieto, C., Schiavon, R. P., Frinchaboy, P., et al., 2015, *The Astrophysical Journal*, "Sodium and Oxygen Abundances in the Open Cluster NGC 6791 from APOGEE H-band Spectroscopy"
372. Sanchez, E., Montez, R., Ramstedt, S., **Stassun**, K. G., 2015, *The Astrophysical Journal*, "First Detection of Ultraviolet Emission from a Detached Dust Shell: Galaxy Evolution Explorer Observations of the Carbon Asymptotic Giant Branch Star U Hya"
373. Lund, M. B., Pepper, J., **Stassun**, K. G., 2015, *The Astronomical Journal*, "Transiting Planets With LSST. I. Potential for LSST Exoplanet Detection"
374. **Stassun**, K. G., Scholz, A., Dupuy, T. J., Kratter, K. M., 2014, *The Astrophysical Journal*, "The Impact of Chromospheric Activity on Observed Initial Mass Functions"
375. Parvizi, M., Paegert, M., **Stassun**, K. G., 2014, *The Astronomical Journal*, "The Eb Factory Project. II. Validation With the Kepler Field in Preparation for K2 and Tess"
376. Ghezzi, L., Dutra-Ferreira, L., Lorenzo-Oliveira, D., Porto de Mello, G. F., Santiago, B. X., De Lee, N.,

- Lee, B. L., da Costa, L. N., Maia, M. A. G., Ogando, R. L. C., et al., 2014, *The Astronomical Journal*, "Accurate Atmospheric Parameters at Moderate Resolution Using Spectral Indices: Preliminary Application to the MARVELS Survey"
377. Gómez Maqueo Chew, Y., Morales, J. C., Faedi, F., García-Melendo, E., Hebb, L., Rodler, F., Deshpande, R., Mahadevan, S., McCormac, J., Barnes, R., et al., 2014, *Astronomy and Astrophysics*, "The EBLM project. II. A very hot, low-mass M dwarf in an eccentric and long-period, eclipsing binary system from the SuperWASP Survey"
378. Juarez, A. J., Cargile, P. A., James, D. J., **Stassun**, K. G., 2014, *The Astrophysical Journal*, "An Improved Determination of the Lithium Depletion Boundary Age of Blanco 1 and a First Look on the Effects of Magnetic Activity"
379. Kipping, D. M., Torres, G., Buchhave, L. A., Kenyon, S. J., Henze, C., Isaacson, H., Kolbl, R., Marcy, G. W., Bryson, S. T., **Stassun**, K., et al., 2014, *The Astrophysical Journal*, "Discovery of a Transiting Planet near the Snow-line"
380. Conroy, K. E., Prša, A., **Stassun**, K. G., Bloemen, S., Parvizi, M., Quarles, B., Boyajian, T., Barclay, T., Shporer, A., Latham, D. W., et al., 2014, *Publications of the Astronomical Society of the Pacific*, "Kepler Eclipsing Binary Stars. V. Identification of 31 Candidate Eclipsing Binaries in the K2 Engineering Dataset"
381. Cottaar, M., Covey, K. R., Meyer, M. R., Nidever, D. L., **Stassun**, K. G., Foster, J. B., Tan, J. C., Chojnowski, S. D., da Rio, N., Flaherty, K. M., et al., 2014, *The Astrophysical Journal*, "IN-SYNC I: Homogeneous Stellar Parameters from High-resolution APOGEE Spectra for Thousands of Pre-main Sequence Stars"
382. Garcia, E. V., **Stassun**, K. G., Pavlovski, K., Hensberge, H., Gómez Maqueo Chew, Y., Claret, A., 2014, *The Astronomical Journal*, "A Strict Test of Stellar Evolution Models: The Absolute Dimensions of the Massive Benchmark Eclipsing Binary V578 Mon"
383. Bovy, J., Nidever, D. L., Rix, H.-W., Girardi, L., Zasowski, G., Chojnowski, S. D., Holtzman, J., Epstein, C., Frinchaboy, P. M., Hayden, M. R., et al., 2014, *The Astrophysical Journal*, "The APOGEE Red-clump Catalog: Precise Distances, Velocities, and High-resolution Elemental Abundances over a Large Area of the Milky Way's Disk"
384. Paegert, M., **Stassun**, K. G., Burger, D. M., 2014, *The Astronomical Journal*, "The EB Factory Project. I. A Fast, Neural-net-based, General Purpose Light Curve Classifier Optimized for Eclipsing Binaries"
385. Kamai, B. L., Vrba, F. J., Stauffer, J. R., **Stassun**, K. G., 2014, *The Astronomical Journal*, "New BVI $\langle \text{SUB} \rangle \text{C} \langle \text{SUB} \rangle$ Photometry of Low-mass Pleiades Stars: Exploring the Effects of Rotation on Broadband Colors"
386. **Stassun**, K. G., Feiden, G. A., Torres, G., 2014, *New Astronomy Reviews*, "Empirical tests of pre-main-sequence stellar evolution models with eclipsing binaries"
387. Brothwell, R. D., Watson, C. A., Hébrard, G., Triaud, A. H. M. J., Cegla, H. M., Santerne, A., Hébrard, E., Anderson, D. R., Pollacco, D., Simpson, E. K., et al., 2014, *Monthly Notices of the Royal Astronomical Society*, "A window on exoplanet dynamical histories: Rossiter-McLaughlin observations of WASP-13b and WASP-32b"
388. Bastien, F. A., **Stassun**, K. G., Pepper, J., 2014, *The Astrophysical Journal*, "Larger Planet Radii Inferred from Stellar "Flicker" Brightness Variations of Bright Planet-host Stars"
389. Mack, C. E., Schuler, S. C., **Stassun**, K. G., Norris, J., 2014, *The Astrophysical Journal*, "Detailed Abundances of Planet-hosting Wide Binaries. I. Did Planet Formation Imprint Chemical Signatures in the Atmospheres of HD 20782/81?"
390. Hayden, M. R., Holtzman, J. A., Bovy, J., Majewski, S. R., Johnson, J. A., Allende Prieto, C., Beers, T. C., Cunha, K., Frinchaboy, P. M., García Pérez, A. E., et al., 2014, *The Astronomical Journal*, "Chemical Cartography with APOGEE: Large-scale Mean Metallicity Maps of the Milky Way Disk"
391. Ahn, C. P., Alexandroff, R., Allende Prieto, C., Anders, F., Anderson, S. F., Anderton, T., Andrews, B. H., Aubourg, É., Bailey, S., Bastien, F. A., et al., 2014, *The Astrophysical Journal Supplement Series*, "The Tenth Data Release of the Sloan Digital Sky Survey: First Spectroscopic Data from the SDSS-III Apache

- Point Observatory Galactic Evolution Experiment"
392. Kipping, D. M., Bastien, F. A., **Stassun**, K. G., Chaplin, W. J., Huber, D., Buchhave, L. A., 2014, The Astrophysical Journal, "Flicker as a Tool for Characterizing Planets Through Asterodensity Profiling"
 393. Epstein, C. R., Elsworth, Y. P., Johnson, J. A., Shetrone, M., Mosser, B., Hekker, S., Tayar, J., Harding, P., Pinsonneault, M., Silva Aguirre, V., et al., 2014, The Astrophysical Journal, "Testing the Asteroseismic Mass Scale Using Metal-poor Stars Characterized with APOGEE and Kepler"
 394. Anders, F., Chiappini, C., Santiago, B. X., Rocha-Pinto, H. J., Girardi, L., da Costa, L. N., Maia, M. A. G., Steinmetz, M., Minchev, I., Schultheis, M., et al., 2014, Astronomy and Astrophysics, "Chemodynamics of the Milky Way. I. The first year of APOGEE data"
 395. Beatty, T. G., Collins, K. A., Fortney, J., Knutson, H., Gaudi, B. S., Bruns, J. M., Showman, A. P., Eastman, J., Pepper, J., Siverd, R. J., et al., 2014, The Astrophysical Journal, "Spitzer and z' Secondary Eclipse Observations of the Highly Irradiated Transiting Brown Dwarf KELT-1b"
 396. Terrien, R. C., Mahadevan, S., Deshpande, R., Bender, C. F., Cargile, P. A., Hearty, F. R., Cottaar, M., Allende Prieto, C., Fleming, S. W., Frinchaboy, P. M., et al., 2014, The Astrophysical Journal, "New Red Jewels in Coma Berenices"
 397. Cargile, P. A., James, D. J., Pepper, J., Kuhn, R. B., Siverd, R., **Stassun**, K. G., 2014, The Astrophysical Journal, "Evaluating Gyrochronology on the Zero-age-main-sequence: Rotation Periods in the Southern Open Cluster Blanco 1 from the KELT-South Survey"
 398. Cranmer, S. R., Bastien, F. A., **Stassun**, K. G., Saar, S. H., 2014, The Astrophysical Journal, "Stellar Granulation as the Source of High-frequency Flicker in Kepler Light Curves"
 399. Conroy, K. E., Prša, A., **Stassun**, K. G., Orosz, J. A., Fabrycky, D. C., Welsh, W. F., 2014, The Astronomical Journal, "Kepler Eclipsing Binary Stars. IV. Precise Eclipse Times for Close Binaries and Identification of Candidate Three-body Systems"
 400. Collins, K. A., Eastman, J. D., Beatty, T. G., Siverd, R. J., Gaudi, B. S., Pepper, J., Kielkopf, J. F., Johnson, J. A., Howard, A. W., Fischer, D. A., et al., 2014, The Astronomical Journal, "KELT-6b: A P ~ 7.9 Day Hot Saturn Transiting a Metal-poor Star with a Long-period Companion"
 401. Bastien, F. A., **Stassun**, K. G., Pepper, J., Wright, J. T., Aigrain, S., Basri, G., Johnson, J. A., Howard, A. W., Walkowicz, L. M., 2014, The Astronomical Journal, "Radial Velocity Variations of Photometrically Quiet, Chromospherically Inactive Kepler Stars: A Link between RV Jitter and Photometric Flicker"
 402. Bouvier, J., Matt, S. P., Mohanty, S., Scholz, A., **Stassun**, K. G., Zanni, C., 2014, Protostars and Planets VI, "Angular Momentum Evolution of Young Low-Mass Stars and Brown Dwarfs: Observations and Theory"
 403. Reipurth, B., Clarke, C. J., Boss, A. P., Goodwin, S. P., Rodríguez, L. F., **Stassun**, K. G., Tokovinin, A., Zinnecker, H., 2014, Protostars and Planets VI, "Multiplicity in Early Stellar Evolution"
 404. Cegla, H. M., **Stassun**, K. G., Watson, C. A., Bastien, F. A., Pepper, J., 2014, The Astrophysical Journal, "Estimating Stellar Radial Velocity Variability from Kepler and GALEX: Implications for the Radial Velocity Confirmation of Exoplanets"
 405. Deshpande, R., Blake, C. H., Bender, C. F., Mahadevan, S., Terrien, R. C., Carlberg, J. K., Zasowski, G., Crepp, J., Rajpurohit, A. S., Reylé, C., et al., 2013, The Astronomical Journal, "The SDSS-III APOGEE Radial Velocity Survey of M Dwarfs. I. Description of the Survey and Science Goals"
 406. Rodríguez, J. E., Pepper, J., **Stassun**, K. G., Siverd, R. J., Cargile, P., Beatty, T. G., Gaudi, B. S., 2013, The Astronomical Journal, "Occultation of the T Tauri Star RW Aurigae A by its Tidally Disrupted Disk"
 407. Gómez Maqueo Chew, Y., Faedi, F., Pollacco, D., Brown, D. J. A., Doyle, A. P., Collier Cameron, A., Gillon, M., Lendl, M., Smalley, B., Triaud, A. H. M. J., et al., 2013, Astronomy and Astrophysics, "Discovery of WASP-65b and WASP-75b: Two hot Jupiters without highly inflated radii"
 408. Jiang, P., Ge, J., Cargile, P., Crepp, J. R., De Lee, N., Porto de Mello, G. F., Esposito, M., Ferreira, L. D., Femenia, B., Fleming, S. W., et al., 2013, The Astronomical Journal, "Very Low Mass Stellar and Substellar Companions to Solar-like Stars from MARVELS. IV. A Candidate Brown Dwarf or Low-mass Stellar Companion to HIP 67526"
 409. Bastien, F. A., **Stassun**, K. G., Basri, G., Pepper, J., 2013, Nature, "An observational correlation

- between stellar brightness variations and surface gravity"
410. Pepper, J., Siverd, R. J., Beatty, T. G., Gaudi, B. S., **Stassun**, K. G., Eastman, J., Collins, K., Latham, D. W., Bieryla, A., Buchhave, L. A., et al., 2013, *The Astrophysical Journal*, "KELT-3b: A Hot Jupiter Transiting a $V = 9.8$ Late-F Star"
 411. Burger, D., **Stassun**, K. G., Pepper, J., Siverd, R. J., Paegert, M., De Lee, N. M., Robinson, W. H., 2013, *Astronomy and Computing*, "Filtergraph: An interactive web application for visualization of astronomy datasets"
 412. Robberto, M., Soderblom, D. R., Bergeron, E., Kozhurina-Platais, V., Makidon, R. B., McCullough, P. R., McMaster, M., Panagia, N., Reid, I. N., Levay, Z., et al., 2013, *The Astrophysical Journal Supplement Series*, "The Hubble Space Telescope Treasury Program on the Orion Nebula Cluster"
 413. Peters, C. L., Lopez, L. A., Ramirez-Ruiz, E., **Stassun**, K. G., Figueroa-Feliciano, E., 2013, *The Astrophysical Journal*, "Constraining Explosion Type of Young Supernova Remnants Using $24 \mu\text{m}$ Emission Morphology"
 414. Foster, D. L., Charles, P. A., Swartz, D. A., Misra, R., **Stassun**, K. G., 2013, *Monthly Notices of the Royal Astronomical Society*, "Monitoring the very-long-term variability of X-ray sources in the giant elliptical galaxy M87"
 415. Wright, J. T., Roy, A., Mahadevan, S., Wang, S. X., Ford, E. B., Payne, M., Lee, B. L., Wang, J., Crepp, J. R., Gaudi, B. S., et al., 2013, *The Astrophysical Journal*, "MARVELS-1: A Face-on Double-lined Binary Star Masquerading as a Resonant Planetary System and Consideration of Rare False Positives in Radial Velocity Planet Searches"
 416. Garcia, E. V., **Stassun**, K. G., Torres, G., 2013, *The Astrophysical Journal*, "Reanalysis of the Radii of the Benchmark Eclipsing Binary V578 Mon"
 417. De Lee, N., Ge, J., Crepp, J. R., Eastman, J., Esposito, M., Femenía, B., Fleming, S. W., Gaudi, B. S., Ghezzi, L., González Hernández, J. I., et al., 2013, *The Astronomical Journal*, "Very Low Mass Stellar and Substellar Companions to Solar-like Stars from MARVELS. V. A Low Eccentricity Brown Dwarf from the Driest Part of the Desert, MARVELS-6b"
 418. Gómez Maqueo Chew, Y., Faedi, F., Cargile, P., Doyle, A. P., Ghezzi, L., Sousa, S., Barros, S. C. C., Hebb, L., Cunha, K., Schuler, S. C., et al., 2013, *The Astrophysical Journal*, "The Homogeneous Study of Transiting Systems (HoSTS). I. The Pilot Study of WASP-13"
 419. Mack, C. E., Ge, J., Deshpande, R., Wisniewski, J. P., **Stassun**, K. G., Gaudi, B. S., Fleming, S. W., Mahadevan, S., De Lee, N., Eastman, J., et al., 2013, *The Astronomical Journal*, "A Cautionary Tale: MARVELS Brown Dwarf Candidate Reveals Itself to be a Very Long Period, Highly Eccentric Spectroscopic Stellar Binary"
 420. Bodnarik, J. G., Burger, D. M., Burger, A., Evans, L. G., Parsons, A. M., Schweitzer, J. S., Starr, R. D., **Stassun**, K. G., 2013, *Nuclear Instruments and Methods in Physics Research A*, "Time-resolved neutron/gamma-ray data acquisition for in situ subsurface planetary geochemistry"
 421. Aarnio, A. N., Matt, S. P., **Stassun**, K. G., 2013, *Astronomische Nachrichten*, "Angular momentum evolution of low-mass pre-main sequence stars via extreme coronal mass ejections"
 422. Dhital, S., West, A. A., **Stassun**, K. G., Law, N. M., 2013, *Astronomische Nachrichten*, "The SLOWPoKES catalog of low-mass ultra-wide binaries: A cool stars resource for testing fundamental properties and for constraining binary formation theory"
 423. Ma, B., Ge, J., Barnes, R., Crepp, J. R., De Lee, N., Dutra-Ferreira, L., Esposito, M., Femenia, B., Fleming, S. W., Gaudi, B. S., et al., 2013, *The Astronomical Journal*, "Very-low-mass Stellar and Substellar Companions to Solar-like Stars from Marvels. III. A Short-period Brown Dwarf Candidate around an Active G0IV Subgiant"
 424. Triaud, A. H. M. J., Hebb, L., Anderson, D. R., Cargile, P., Collier Cameron, A., Doyle, A. P., Faedi, F., Gillon, M., Gomez Maqueo Chew, Y., Hellier, C., et al., 2013, *Astronomy and Astrophysics*, "The EBLM project. I. Physical and orbital parameters, including spin-orbit angles, of two low-mass eclipsing binaries on opposite sides of the brown dwarf limit"
 425. **Stassun**, K. G., 2012, *Nature*, "Astrophysics: A pas de trois birth for wide binary stars"

426. Ahn, C. P., Alexandroff, R., Allende Prieto, C., Anderson, S. F., Anderton, T., Andrews, B. H., Aubourg, É., Bailey, S., Balbinot, E., Barnes, R., et al., 2012, *The Astrophysical Journal Supplement Series*, "The Ninth Data Release of the Sloan Digital Sky Survey: First Spectroscopic Data from the SDSS-III Baryon Oscillation Spectroscopic Survey"
427. Siverd, R. J., Beatty, T. G., Pepper, J., Eastman, J. D., Collins, K., Bieryla, A., Latham, D. W., Buchhave, L. A., Jensen, E. L. N., Crepp, J. R., et al., 2012, *The Astrophysical Journal*, "KELT-1b: A Strongly Irradiated, Highly Inflated, Short Period, 27 Jupiter-mass Companion Transiting a Mid-F Star"
428. Richardson, M., Hill, F., **Stassun**, K. G., 2012, *Solar Physics*, "No Evidence Supporting Flare-Driven High-Frequency Global Oscillations"
429. Aarnio, A. N., Matt, S. P., **Stassun**, K. G., 2012, *The Astrophysical Journal*, "Mass Loss in Pre-main-sequence Stars via Coronal Mass Ejections and Implications for Angular Momentum Loss"
430. Mohanty, S., **Stassun**, K. G., 2012, *The Astrophysical Journal*, "High-resolution Spectroscopy during Eclipse of the Young Substellar Eclipsing Binary 2MASS 0535-0546. II. Secondary Spectrum: No Evidence that Spots Cause the Temperature Reversal"
431. Beatty, T. G., Pepper, J., Siverd, R. J., Eastman, J. D., Bieryla, A., Latham, D. W., Buchhave, L. A., Jensen, E. L. N., Manner, M., **Stassun**, K. G., et al., 2012, *The Astrophysical Journal*, "KELT-2Ab: A Hot Jupiter Transiting the Bright ($V = 8.77$) Primary Star of a Binary System"
432. **Stassun**, K. G., Kratter, K. M., Scholz, A., Dupuy, T. J., 2012, *The Astrophysical Journal*, "An Empirical Correction for Activity Effects on the Temperatures, Radii, and Estimated Masses of Low-mass Stars and Brown Dwarfs"
433. Fleming, S. W., Ge, J., Barnes, R., Beatty, T. G., Crepp, J. R., De Lee, N., Esposito, M., Femenia, B., Ferreira, L., Gary, B., et al., 2012, *The Astronomical Journal*, "Very Low Mass Stellar and Substellar Companions to Solar-like Stars from MARVELS. II. A Short-period Companion Orbiting an F Star with Evidence of a Stellar Tertiary and Significant Mutual Inclination"
434. Scandariato, G., Da Rio, N., Robberto, M., Pagano, I., **Stassun**, K., 2012, *Astronomy and Astrophysics*, "Empirical near-infrared colors for low-mass stars and brown dwarfs in the Orion Nebula Cluster. An empirical near-infrared isochrone at ~ 1 Myr"
435. Manara, C. F., Robberto, M., Da Rio, N., Lodato, G., Hillenbrand, L. A., **Stassun**, K. G., Soderblom, D. R., 2012, *The Astrophysical Journal*, "Hubble Space Telescope Measures of Mass Accretion Rates in the Orion Nebula Cluster"
436. Miller, A. A., Richards, J. W., Bloom, J. S., Cenko, S. B., Silverman, J. M., Starr, D. L., **Stassun**, K. G., 2012, *The Astrophysical Journal*, "Discovery of Bright Galactic R Coronae Borealis and DY Persei Variables: Rare Gems Mined from ACVS"
437. Morales-Calderón, M., Stauffer, J. R., **Stassun**, K. G., Vrba, F. J., Prato, L., Hillenbrand, L. A., Terebey, S., Covey, K. R., Rebull, L. M., Terndrup, D. M., et al., 2012, *The Astrophysical Journal*, "YSOVAR: Six Pre-main-sequence Eclipsing Binaries in the Orion Nebula Cluster"
438. Wisniewski, J. P., Ge, J., Crepp, J. R., De Lee, N., Eastman, J., Esposito, M., Fleming, S. W., Gaudi, B. S., Ghezzi, L., Gonzalez Hernandez, J. I., et al., 2012, *The Astronomical Journal*, "Very Low Mass Stellar and Substellar Companions to Solar-like Stars from MARVELS. I. A Low-mass Ratio Stellar Companion to TYC 4110-01037-1 in a 79 Day Orbit"
439. Pepper, J., Kuhn, R. B., Siverd, R., James, D., **Stassun**, K., 2012, *Publications of the Astronomical Society of the Pacific*, "The KELT-South Telescope"
440. Da Rio, N., Robberto, M., Hillenbrand, L. A., Henning, T., **Stassun**, K. G., 2012, *The Astrophysical Journal*, "The Initial Mass Function of the Orion Nebula Cluster across the H-burning Limit"
441. Muirhead, P. S., Johnson, J. A., Apps, K., Carter, J. A., Morton, T. D., Fabrycky, D. C., Pineda, J. S., Bottom, M., Rojas-Ayala, B., Schlawin, E., et al., 2012, *The Astrophysical Journal*, "Characterizing the Cool KOIs. III. KOI 961: A Small Star with Large Proper Motion and Three Small Planets"
442. Henderson, C. B., **Stassun**, K. G., 2012, *The Astrophysical Journal*, "Time-series Photometry of Stars in and around the Lagoon Nebula. I. Rotation Periods of 290 Low-mass Pre-main-sequence Stars in NGC 6530"

443. Le Blanc, T. S., Covey, K. R., **Stassun**, K. G., 2012, *The Astronomical Journal*, "Erratum: "Spectral Energy Distributions of Young Stars in IC 348: The Role of Disks in Angular Momentum Evolution of Young, Low-mass Stars" (2011, AJ, 142, 55)"
444. Garcia, E. V., **Stassun**, K. G., Hebb, L., Gómez Maqueo Chew, Y., Heiser, A., 2012, *The Astronomical Journal*, "Erratum: "Apsidal Motion of the Massive, Benchmark Eclipsing Binary V578 Mon" (2011, AJ, 142, 27)"
445. Dhital, S., West, A. A., **Stassun**, K. G., Bochanski, J. J., Massey, A. P., Bastien, F. A., 2012, *The Astronomical Journal*, "Refined Metallicity Indices for M Dwarfs Using the SLOWPOKES Catalog of Wide, Low-mass Binaries"
446. Gómez Maqueo Chew, Y., **Stassun**, K. G., Prša, A., Stempels, E., Hebb, L., Barnes, R., Heller, R., Mathieu, R. D., 2012, *The Astrophysical Journal*, "Luminosity Discrepancy in the Equal-mass, Pre-main-sequence Eclipsing Binary Par 1802: Non-coequality or Tidal Heating?"
447. Bastien, F. A., **Stassun**, K. G., Weintraub, D. A., 2011, *The Astronomical Journal*, "High-cadence Time-series Photometry of V1647 Orionis"
448. Eisenstein, D. J., Weinberg, D. H., Agol, E., Aihara, H., Allende Prieto, C., Anderson, S. F., Arns, J. A., Aubourg, É., Bailey, S., Balbinot, E., et al., 2011, *The Astronomical Journal*, "SDSS-III: Massive Spectroscopic Surveys of the Distant Universe, the Milky Way, and Extra-Solar Planetary Systems"
449. Le Blanc, T. S., Covey, K. R., **Stassun**, K. G., 2011, *The Astronomical Journal*, "Spectral Energy Distributions of Young Stars in IC 348: The Role of Disks in Angular Momentum Evolution of Young, Low-mass Stars"
450. Prša, A., Pepper, J., **Stassun**, K. G., 2011, *The Astronomical Journal*, "Expected Large Synoptic Survey Telescope (LSST) Yield of Eclipsing Binary Stars"
451. Fleming, S. W., Maxted, P. F. L., Hebb, L., **Stassun**, K. G., Ge, J., Cargile, P. A., Ghezzi, L., De Lee, N. M., Wisniewski, J., Gary, B., et al., 2011, *The Astronomical Journal*, "Eclipsing Binary Science via the Merging of Transit and Doppler Exoplanet Survey Data—A Case Study with the MARVELS Pilot Project and SuperWASP"
452. Garcia, E. V., **Stassun**, K. G., Hebb, L., Gómez Maqueo Chew, Y., Heiser, A., 2011, *The Astronomical Journal*, "Apsidal Motion of the Massive, Benchmark Eclipsing Binary V578 Mon"
453. Hebb, L., Cegla, H. M., **Stassun**, K. G., Stempels, H. C., Cargile, P. A., Palladino, L. E., 2011, *Astronomy and Astrophysics*, "Precise orbit solution of MML 53, a low-mass, pre-main sequence eclipsing binary in Upper Centaurus Lupus"
454. Meibom, S., Mathieu, R. D., **Stassun**, K. G., Liebesny, P., Saar, S. H., 2011, *The Astrophysical Journal*, "The Color-period Diagram and Stellar Rotational Evolution—New Rotation Period Measurements in the Open Cluster M34"
455. Povich, M. S., Smith, N., Majewski, S. R., Getman, K. V., Townsley, L. K., Babler, B. L., Broos, P. S., Indebetouw, R., Meade, M. R., Robitaille, T. P., et al., 2011, *The Astrophysical Journal Supplement Series*, "A Pan-Carina Young Stellar Object Catalog: Intermediate-mass Young Stellar Objects in the Carina Nebula Identified Via Mid-infrared Excess Emission"
456. Wolk, S. J., Broos, P. S., Getman, K. V., Feigelson, E. D., Preibisch, T., Townsley, L. K., Wang, J., **Stassun**, K. G., King, R. R., McCaughrean, M. J., et al., 2011, *The Astrophysical Journal Supplement Series*, "The Chandra Carina Complex Project View of Trumpler 16"
457. Wang, J., Feigelson, E. D., Townsley, L. K., Broos, P. S., Getman, K. V., Wolk, S. J., Preibisch, T., **Stassun**, K. G., Moffat, A. F. J., Garmire, G., et al., 2011, *The Astrophysical Journal Supplement Series*, "A Chandra ACIS Study of the Young Star Cluster Trumpler 15 in Carina and Correlation with Near-infrared Sources"
458. Feigelson, E. D., Getman, K. V., Townsley, L. K., Broos, P. S., Povich, M. S., Garmire, G. P., King, R. R., Montmerle, T., Preibisch, T., Smith, N., et al., 2011, *The Astrophysical Journal Supplement Series*, "X-ray Star Clusters in the Carina Complex"
459. Townsley, L. K., Broos, P. S., Corcoran, M. F., Feigelson, E. D., Gagné, M., Montmerle, T., Oey, M. S., Smith, N., Garmire, G. P., Getman, K. V., et al., 2011, *The Astrophysical Journal Supplement Series*,

- "An Introduction to the Chandra Carina Complex Project"
460. **Stassun**, K. G., Sturm, S., Holley-Bockelmann, K., Burger, A., Ernst, D. J., Webb, D., 2011, American Journal of Physics, "The Fisk-Vanderbilt Master's-to-Ph.D. Bridge Program: Recognizing, enlisting, and cultivating unrealized or unrecognized potential in underrepresented minority students"
 461. Lee, B. L., Ge, J., Fleming, S. W., **Stassun**, K. G., Gaudi, B. S., Barnes, R., Mahadevan, S., Eastman, J. D., Wright, J., Siverd, R. J., et al., 2011, The Astrophysical Journal, "MARVELS-1b: A Short-period, Brown Dwarf Desert Candidate from the SDSS-III Marvels Planet Search"
 462. Aarnio, A. N., **Stassun**, K. G., Hughes, W. J., McGregor, S. L., 2011, Solar Physics, "Solar Flares and Coronal Mass Ejections: A Statistically Determined Flare Flux - CME Mass Correlation"
 463. Dhital, S., Burgasser, A. J., Looper, D. L., **Stassun**, K. G., 2011, The Astronomical Journal, "Resolved Spectroscopy of M Dwarf/L Dwarf Binaries. IV. Discovery of AN M9 + L6 Binary Separated by Over 100 AU"
 464. Exter, K., Bond, H. E., **Stassun**, K. G., Smalley, B., Maxted, P. F. L., Pollacco, D. L., 2010, The Astronomical Journal, "The Exotic Eclipsing Nucleus of the Ring Planetary Nebula SuWt 2"
 465. Hebb, L., Stempels, H. C., Aigrain, S., Collier-Cameron, A., Hodgkin, S. T., Irwin, J. M., Maxted, P. F. L., Pollacco, D., Street, R. A., Wilson, D. M., et al., 2010, Astronomy and Astrophysics, "MML 53: a new low-mass, pre-main sequence eclipsing binary in the Upper Centaurus-Lupus region discovered by SuperWASP"
 466. Mohanty, S., **Stassun**, K. G., Doppmann, G. W., 2010, The Astrophysical Journal, "High-resolution Spectroscopy During Eclipse of the Young Substellar Eclipsing Binary 2MASS 0535-0546. I. Primary Spectrum: Cool Spots Versus Opacity Uncertainties"
 467. Da Rio, N., Robberto, M., Soderblom, D. R., Panagia, N., Hillenbrand, L. A., Palla, F., **Stassun**, K. G., 2010, The Astrophysical Journal, "A Multi-color Optical Survey of the Orion Nebula Cluster. II. The H-R Diagram"
 468. Law, N. M., Dhital, S., Kraus, A., **Stassun**, K. G., West, A. A., 2010, The Astrophysical Journal, "The High-order Multiplicity of Unusually Wide M Dwarf Binaries: Eleven New Triple and Quadruple Systems"
 469. Smith, N., Povich, M. S., Whitney, B. A., Churchwell, E., Babler, B. L., Meade, M. R., Bally, J., Gehrz, R. D., Robitaille, T. P., **Stassun**, K. G., 2010, Monthly Notices of the Royal Astronomical Society, "Spitzer Space Telescope observations of the Carina nebula: the steady march of feedback-driven star formation"
 470. Fleming, S. W., Ge, J., Mahadevan, S., Lee, B., Eastman, J. D., Siverd, R. J., Gaudi, B. S., Niedzielski, A., Sivarani, T., **Stassun**, K. G., et al., 2010, The Astrophysical Journal, "Discovery of a Low-mass Companion to a Metal-rich F Star with the MARVELS Pilot Project"
 471. Aarnio, A. N., **Stassun**, K. G., Matt, S. P., 2010, The Astrophysical Journal, "A Search for Star-Disk Interaction among the Strongest X-ray Flaring Stars in the Orion Nebula Cluster"
 472. Dhital, S., West, A. A., **Stassun**, K. G., Bochanski, J. J., 2010, The Astronomical Journal, "Sloan Low-mass Wide Pairs of Kinematically Equivalent Stars (SLoWPoKES): A Catalog of Very Wide, Low-mass Pairs"
 473. **Stassun**, K. G., Burger, A., Lange, S. E., 2010, Journal of Geoscience Education, "The Fisk-Vanderbilt Masters-to-PhD Bridge Program: A Model for Broadening Participation of Underrepresented Groups in the Physical Sciences through Effective Partnerships with Minority-Serving Institutions"
 474. Da Rio, N., Robberto, M., Soderblom, D. R., Panagia, N., Hillenbrand, L. A., Palla, F., **Stassun**, K., 2009, The Astrophysical Journal Supplement Series, "A Multi-color Optical Survey of the Orion Nebula Cluster. I. The Catalog"
 475. MacDonald, J., Mullan, D. J., 2009, The Astrophysical Journal, "Structural Effects of Magnetic Fields in Brown Dwarfs"
 476. Gómez Maqueo Chew, Y., **Stassun**, K. G., Prša, A., Mathieu, R. D., 2009, The Astrophysical Journal, "Near-infrared Light Curves of the Brown Dwarf Eclipsing Binary 2MASS J05352184-0546085: Can Spots Explain the Temperature Reversal?"

477. Mohanty, S., **Stassun**, K. G., Mathieu, R. D., 2009, *The Astrophysical Journal*, "Circumstellar Environment and Effective Temperature of the Young Substellar Eclipsing Binary 2MASS J05352184-0546085"
478. Meibom, S., Mathieu, R. D., **Stassun**, K. G., 2009, *The Astrophysical Journal*, "Stellar Rotation in M35: Mass-Period Relations, Spin-Down Rates, and Gyrochronology"
479. Aarnio, A. N., Weinberger, A. J., **Stassun**, K. G., Mamajek, E. E., James, D. J., 2008, *The Astronomical Journal*, "A Survey for A Coeval, Comoving Group Associated with HD 141569"
480. **Stassun**, K. G., Mathieu, R. D., Cargile, P. A., Aarnio, A. N., Stempels, E., Geller, A., 2008, *Nature*, "Surprising dissimilarities in a newly formed pair of 'identical twin' stars"
481. Stempels, H. C., Hebb, L., **Stassun**, K. G., Holtzman, J., Dunstone, N., Glowienka, L., Frandsen, S., 2008, *Astronomy and Astrophysics*, "The pre-main-sequence eclipsing binary ASAS J052821+0338.5"
482. **Stassun**, K. G., Mathieu, R. D., Valenti, J. A., 2008, *The Astrophysical Journal*, "Erratum: "A Surprising Reversal of Temperatures in the Brown Dwarf Eclipsing Binary 2MASS J05352184-0546085" (*ApJ*, 664, 1154 [2007])"
483. Cargile, P. A., **Stassun**, K. G., Mathieu, R. D., 2008, *The Astrophysical Journal*, "Discovery of Par 1802 as a Low-Mass, Pre-Main-Sequence Eclipsing Binary in the Orion Star-Forming Region"
484. Reiners, A., Seifahrt, A., **Stassun**, K. G., Melo, C., Mathieu, R. D., 2007, *The Astrophysical Journal*, "Detection of Strong Activity in the Eclipsing Binary Brown Dwarf 2MASS J05352184-0546085: A Possible Explanation for the Temperature Reversal"
485. Irwin, J., Aigrain, S., Hodgkin, S., **Stassun**, K. G., Hebb, L., Irwin, M., Moraux, E., Bouvier, J., Alapini, A., Alexander, R., et al., 2007, *Monthly Notices of the Royal Astronomical Society*, "The Monitor project: JW 380 - a 0.26-, 0.15-M_{solar}, pre-main-sequence eclipsing binary in the Orion nebula cluster"
486. Meibom, S., Mathieu, R. D., **Stassun**, K. G., 2007, *The Astrophysical Journal*, "The Effect of Binarity on Stellar Rotation: Beyond the Reach of Tides"
487. **Stassun**, K. G., Mathieu, R. D., Valenti, J. A., 2007, *The Astrophysical Journal*, "A Surprising Reversal of Temperatures in the Brown Dwarf Eclipsing Binary 2MASS J05352184-0546085"
488. Jensen, E. L. N., Dhital, S., **Stassun**, K. G., Patience, J., Herbst, W., Walter, F. M., Simon, M., Basri, G., 2007, *The Astronomical Journal*, "Periodic Accretion from a Circumbinary Disk in the Young Binary UZ Tau E"
489. **Stassun**, K. G., van den Berg, M., Feigelson, E., 2007, *The Astrophysical Journal*, "A Simultaneous Optical and X-Ray Variability Study of the Orion Nebula Cluster. II. A Common Origin in Magnetic Activity"
490. Seifahrt, A., Neuhäuser, R., Hauschildt, P. H., 2007, *Astronomy and Astrophysics*, "Near-infrared integral-field spectroscopy of the companion to GQ Lupi"
491. Mathieu, R. D., Baraffe, I., Simon, M., **Stassun**, K. G., White, R., 2007, *Protostars and Planets V*, "Dynamical Mass Measurements of Pre-Main-Sequence Stars: Fundamental Tests of the Physics of Young Stars"
492. Feigelson, E., Townsley, L., Güdel, M., **Stassun**, K., 2007, *Protostars and Planets V*, "X-Ray Properties of Young Stars and Stellar Clusters"
493. Meibom, S., Mathieu, R. D., **Stassun**, K. G., 2006, *The Astrophysical Journal*, "An Observational Study of Tidal Synchronization in Solar-Type Binary Stars in the Open Clusters M35 and M34"
494. **Stassun**, K. G., van den Berg, M., Feigelson, E., Flaccomio, E., 2006, *The Astrophysical Journal*, "A Simultaneous Optical and X-Ray Variability Study of the Orion Nebula Cluster. I. Incidence of Time-correlated X-Ray/Optical Variations"
495. Stark, D. P., Whitney, B. A., **Stassun**, K., Wood, K., 2006, *The Astrophysical Journal*, "Near-Infrared Synthetic Images of Protostellar Disks and Envelopes"
496. **Stassun**, K. G., Mathieu, R. D., Valenti, J. A., 2006, *Nature*, "Discovery of two young brown dwarfs in an eclipsing binary system"
497. Favata, F., Flaccomio, E., Reale, F., Micela, G., Sciortino, S., Shang, H., **Stassun**, K. G., Feigelson, E. D.,

- 2005, The Astrophysical Journal Supplement Series, "Bright X-Ray Flares in Orion Young Stars from COUP: Evidence for Star-Disk Magnetic Fields?"
498. Preibisch, T., Kim, Y.-C., Favata, F., Feigelson, E. D., Flaccomio, E., Getman, K., Micela, G., Sciortino, S., **Stassun**, K., Stelzer, B., et al., 2005, The Astrophysical Journal Supplement Series, "The Origin of T Tauri X-Ray Emission: New Insights from the Chandra Orion Ultradeep Project"
499. Smith, N., **Stassun**, K. G., Bally, J., 2005, The Astronomical Journal, "Opening the Treasure Chest: A Newborn Star Cluster Emerges from Its Dust Pillar in Carina"
500. **Stassun**, K. G., Ardila, D. R., Barsony, M., Basri, G., Mathieu, R. D., 2004, The Astronomical Journal, "X-Ray Properties of Pre-Main-Sequence Stars in the Orion Nebula Cluster with Known Rotation Periods"
501. **Stassun**, K. G., Mathieu, R. D., Vaz, L. P. R., Stroud, N., Vrba, F. J., 2004, The Astrophysical Journal Supplement Series, "Dynamical Mass Constraints on Low-Mass Pre-Main-Sequence Stellar Evolutionary Tracks: An Eclipsing Binary in Orion with a 1.0 M_{solar} Primary and a 0.7 M_{solar} Secondary"
502. **Stassun**, K. G., Terndrup, D., 2003, Publications of the Astronomical Society of the Pacific, "Angular Momentum Evolution of Young Stars: Toward a Synthesis of Observations, Theory, and Modeling"
503. Mathieu, R. D., van den Berg, M., Torres, G., Latham, D., Verbunt, F., **Stassun**, K., 2003, The Astronomical Journal, "Sub-Subgiants in the Old Open Cluster M67?"
504. Hartmann, L., 2002, The Astrophysical Journal, "On Disk Braking of T Tauri Rotation"
505. **Stassun**, K. G., van den Berg, M., Mathieu, R. D., Verbunt, F., 2002, Astronomy and Astrophysics, "Photometric variability in the old open cluster M 67. II. General survey"
506. van den Berg, M., **Stassun**, K. G., Verbunt, F., Mathieu, R. D., 2002, Astronomy and Astrophysics, "Photometric variability in the open cluster M 67. I. Cluster members detected in X-rays"
507. Wood, K., Smith, D., Whitney, B., **Stassun**, K., Kenyon, S. J., Wolff, M. J., Bjorkman, K. S., 2001, The Astrophysical Journal, "Scattered Light Models of Protostellar Envelopes: Multiple Outflow Cavities and Misaligned Circumstellar Disks"
508. van den Berg, M., Orosz, J., Verbunt, F., **Stassun**, K., 2001, Astronomy and Astrophysics, "The blue straggler S 1082: A triple system in the old open cluster M 67"
509. **Stassun**, K. G., Mathieu, R. D., Vrba, F. J., Mazeh, T., Henden, A., 2001, The Astronomical Journal, "A 10 Micron Search for Truncated Disks Among Pre-Main-Sequence Stars with Photometric Rotation Periods"
510. Clarke, C. J., Bouvier, J., 2000, Monthly Notices of the Royal Astronomical Society, "A comparison of the rotational properties of T Tauri stars in Orion and Taurus"
511. Wood, K., Wolk, S. J., Stanek, K. Z., Leussis, G., **Stassun**, K., Wolff, M., Whitney, B., 2000, The Astrophysical Journal, "Optical Variability of the T Tauri Star HH 30 IRS"
512. **Stassun**, K. G., 2000, Ph.D. Thesis, "The Connection Between Rotation, Circumstellar Disks, and Accretion Among Low-Mass Pre-Main-Sequence Stars"
513. Herbst, W., Rhode, K. L., Hillenbrand, L. A., Curran, G., 2000, The Astronomical Journal, "Rotation in the Orion Nebula Cluster"
514. **Stassun**, K. G., Mathieu, R. D., Mazeh, T., Vrba, F. J., 1999, The Astronomical Journal, "The Rotation Period Distribution of Pre-Main-Sequence Stars in and around the Orion Nebula"
515. **Stassun**, K., Wood, K., 1999, The Astrophysical Journal, "Magnetic Accretion and Photopolarimetric Variability in Classical T Tauri Stars"
516. Mathieu, R. D., **Stassun**, K., Basri, G., Jensen, E. L. N., Johns-Krull, C. M., Valenti, J. A., Hartmann, L. W., 1997, The Astronomical Journal, "The Classical T Tauri Spectroscopic Binary DQ Tau. I. Orbital Elements and Light Curves"

PUBLICATIONS—OTHER INCLUDING CONTRIBUTIONS IN CONFERENCE PROCEEDINGS

1. Cummings, P., Fauchet, P., Goldfarb, M., Jones, M., Kunda, M., Perlin, J., Sarkar, N., **Stassun**, K.G., Warren, Z., Zelik, K., 2020, Engineering, "Engineering for Inclusion: Empowering Individuals with

- Physical and Neurological Differences through Engineering Invention, Research, and Development”
2. Miller, C., **Stassun**, K.G. 2014, *Nature Careers*, “A test that fails: A standard test for admission to graduate school misses potential winners”
 3. **Stassun**, K.G., Pepper, J., Paegert, M., DeLee, N., Sanchis-Ojeda, R. 2014, “The K2-TESS Stellar Properties Catalog”, <http://adsabs.harvard.edu/abs/2014arXiv1410.6379S>
 4. **Stassun**, K.G. 2012, *Nature News & Views*, “A pas de trois birth for wide binary stars”
 5. **Stassun**, K.G., Kratter, K.M., Scholz, A., Dupuy, T.J. 2012, *Cool Stars 17*, “An Empirical Correction for Activity Effects on the Temperatures, Radii, and Estimated Masses of Low-Mass Stars and Brown Dwarfs”
 6. D. Burger, K.G. **Stassun**, J. Pepper, R. Siverd, M. Paegert, N. De Lee, 2012, ADASS 2012 Conference, “Filtergraph: A Flexible Web Application for Instant Data Visualization of Astronomy Datasets”
 7. **Stassun**, K.G.; Hebb, L.; Covey, K.; West, A.A.; Irwin, J.; Jackson, R.; Jardine, M.; Morin, J.; Mullan, D.; Reid, N. 2010, *Cool Stars 16*, “The M4 Transition: Toward a comprehensive understanding of the transition into the fully convective regime”
 8. **Stassun**, K. G., Hebb, L., Lopez-Morales, M., & Prsa, A. 2009, “Eclipsing binary stars as tests of stellar evolutionary models and stellar ages”, *IAU Symposium*, Vol. 258, pp. 161-170
 9. Liu, M. C., **Stassun**, K. G., Allard, F., Blake, C. H., Bonnefoy, M., Cody, A. M., Day-Jones, A. C., Dupuy, T. J., Kraus, A., & Lopez-Morales, M. 2009, “Fundamental Properties of Low-Mass Stars and Brown Dwarfs”, *American Institute of Physics Conference Series*, Vol. 1094, pp. 258-266
 10. **Stassun**, K. G. 2008, “Empirical Constraints on the Interiors of Low-Mass Pre-Main-Sequence Stars and Young Brown Dwarfs”, *14th Cambridge Workshop on Cool Stars, Stellar Systems, and the Sun*, Vol. 384, pp. 214-
 11. **Stassun**, K. 2005, “What are the Drivers of X-ray Production in Pre-Main-Sequence Stars”, *Star Formation in the Era of Three Great Observatories*, Vol. pp.
 12. **Stassun**, K.G., Vaz, R. L. P., Mathieu, D. R., & Stroud, N. S. 2003, “Testing Pre-Main Sequence Evolution Theory Discovery and Analysis of a Young, Low-Mass Eclipsing Binary”, *Open Issues in Local Star Formation*, Vol. 299, pp. 38P-
 13. **Stassun**, K. G. 2001, “A Brief Introduction to DQ Tau”, *The Formation of Binary Stars*, Vol. 200
 14. **Stassun**, K. G. 2001, “A 10 Micron Test of Disk-Regulated Angular Momentum Among Low-Mass Pre-Main Sequence Stars”, *From Darkness to Light: Origin and Evolution of Young Stellar Clusters*, 243, 599
 15. **Stassun**, K. G., Mathieu, R. D., Mazeh, T., & Vrba, F. J. 2000, “Examining the case for regulation of pre-main-sequence rotation by circumstellar disks”, *Stellar Clusters and Associations: Convection, Rotation, and Dynamos*, Vol. 198, pp. 309-
 16. Wood, K., Whitney, B., & **Stassun**, K. 2000, “Testing Magnetic Accretion in Classical T Tauri Stars”, *Amateur - Professional Partnerships in Astronomy*, Vol. 220, pp. 404-

PUBLICATIONS—OTHER CONTRIBUTIONS

1. “Advancing Diversity, Equity, Inclusion, and Accessibility in the Leadership of Competed Space Missions”, 2022, Final Report of the National Academy of Sciences Committee on Increasing Diversity and Inclusion in the Leadership of Competed Space Missions
2. “Pathways to Discovery in Astronomy and Astrophysics for the 2020s”, 2021, Final Report of the National Academy of Sciences Decadal Steering Committee for Astronomy and Astrophysics
3. “The Science of Effective Mentorship in STEMM”, 2019, Final Report of the National Academy of Sciences Committee on The Science of Effective Mentorship in STEMM
4. “Review of the Draft 2019 Science Mission Directorate Science Plan”, Final Report of the National Academy of Sciences Committee to Review the Draft 2019 Science Mission Directorate Science Plan
5. Rudolph, Alexander; Basri, Gibor; Agüeros, Marcel; Bertschinger, Ed; Coble, Kim; Donahue, Megan; Ivie, Rachel L.; Monkiewicz, Jackie; Pfund, Christine; Posselt, Julie; Speck, Angela; **Stassun**, Keivan, 2019, Bulletin of the American Astronomical Society, Final Report of the 2018 AAS Task Force on

- Diversity and Inclusion in Astronomy Graduate Education
6. Priscilla Cushman, J. Todd Hoeksema, Chryssa Kouveliotou, James Lowenthal, Bradley Peterson, Keivan G. Stassun, Ted von Hippel, 2015, "Impact of Declining Proposal Success Rates on Scientific Productivity", <http://arxiv.org/abs/1510.01647>
 7. Stassun, K.G. 2017, Journal of the American Chemical Society, "The Fisk-Vanderbilt Masters-to-PhD Bridge Program: Broadening Participation of Underrepresented Minorities in the Physical Sciences"
 8. Stassun, K.G. 2010, Expert Witness Testimony, [US House of Representatives Committee on Science and Technology, Broadening Participation in STEM](#)
 9. Stassun, K.G. & Burger, A. 2007, "Bridging the Gap: The Fisk-Vanderbilt Masters-to-PhD Bridge Program", *American Association of Physics Teachers Interactions*
 10. Stassun, K. G. 2005, "Building Bridges to Diversity in Physics and Astronomy", *Mercury*, Vol. 34, pp. 3-
 11. Stassun, K.G. 2003, "Enhancing Diversity in Astronomy: Minority-Serving Institutions and Research Experiences for Undergraduates Programs", *Bulletin of the American Astronomical Society*

COURSES TAUGHT (** INDICATES NEW COURSE DEVELOPED)

1. **Astronomy 1010: Stars, Galaxies, and Cosmology** [3 credit hours]
This is a general introductory astronomy course intended primarily for non-science majors. This course explores the Universe with a focus on the physical processes that have led to the chemical evolution that makes life on Earth possible.
2. **** Astronomy 3000: Principles of Astrophysics** [3 credit hours]
This is an introductory astrophysics course intended for physics majors (especially those on the astronomy/astrophysics track), astronomy minors, other science and engineering majors, or any student interested in a rigorous, math- and physics-based introduction to astronomy. Prerequisites are one semester each of college-level physics and calculus.
3. **** Astronomy 3222/5222: Methods of Observational Astronomy** [3 credit hours]
ASTR 222 is a hands-on astronomy laboratory course for physics majors (especially those on the astronomy/astrophysics track), astronomy minors, other science and engineering majors, or any student interested in doing real astronomy experiments. The course meets at the Dyer Observatory one evening per week at 6-11pm. An emphasis is placed on experimental design, data collection methods, data analysis (including some computer programming), error analysis, and statistical methods. Prerequisites are one year each of college-level physics and calculus. The graduate-level equivalent (ASTR 322) includes an additional hour per week of introduction to statistical techniques for astronomers, and discussion of techniques for effectively presenting quantitative information.
4. **** Astronomy 3001: Topical Seminar in Astronomy: Star Formation** [3 credit hours]
A graduate seminar exploring theoretical and observational topics in the formation of stars, through readings of primary research articles. Topics include: physical properties of the interstellar medium; molecular clouds, including heating and cooling physics; cloud stability and collapse; protostars; binary stars; jets and outflows; effects on environment due to massive star evolution; young solar-type stars.
5. **** Astronomy 3007: Topical Seminar in Astronomy: Exoplanets** [3 credit hours]
A graduate seminar exploring theoretical and observational topics related to exoplanets. Topics include: an overview of star formation and stellar evolution (emphasis on protoplanetary disks); methods for determining basic physical properties of stars which are relevant to the determination of exoplanet properties; planet formation and evolution theory; exoplanet detection techniques, limits, and surveys; statistical distributions of known exoplanets and comparisons to model predictions; exoplanet atmospheres; habitability and searches for life.
6. **** Physics 3002: Learning to Teach, Teaching to Learn** [1 credit hour]
This seminar course focusing on college science teaching is primarily aimed at first-time teaching assistants, and other students interested in improving teaching skills. Through readings, the course provides an introduction to science education research, cognitive science, and education theory.

Through group discussions, the course provides an opportunity for reflection on teaching techniques that promote learning in the classroom. Finally, the course provides an opportunity for development of a teaching portfolio, which is becoming increasingly important in the academic job market.

7. **** Computer Science 8395: Applications of Neurodiversity Inspired Science & Engineering [3 credits]**
Real-life applications of NISE are explored to inspire thesis projects and to gain appreciation for the connections across the broad swath of STEM disciplines involved. For example, students will learn about new artificial-intelligence approaches modeled on autistic visual thinking, virtual reality environments to develop social skills for the workplace, eye-tracker enabled apps for assessing visual cognitive skills, business approaches for matching neurodiverse individuals to jobs, and data visualization tools invented and commercialized by autistic developers.
8. **** Education 3900: Epistemology Foundations of Math and Science [3 credit hours]**
This course examines the social, cognitive, and material arrangements and mechanisms that contribute to how we know what we know in mathematics and in sciences. Knowing how we know is the domain of epistemology. The focus on epistemology is intended as counterpoint to more traditional approaches to education, which take the content to be taught as fixed and the aim of pedagogy as being to develop effective methods (e.g., “best practices”) for delivery of this knowledge. This course focuses instead on considering what makes knowing challenging in these disciplines, because such a perspective offers alternative framings of the problem of teaching. Questions include: How well do current instructional designs help students understand the nature of knowing in sciences and in mathematics? How might alternative instructional designs be informed by analysis of forms of knowledge and ways of knowing (i.e., practices) in math and science?
9. **** [The Life and Death of Stars](#)**
This video course available [online](#) and on DVD was produced by the Teaching Company through The Great Courses series. In 24 lectures, the course explores the life cycle of stars—their birth, life, and death—focusing on the roles that stars play in the synthesis of the elements and in the evolution of matter and energy in the Universe over time. Topics include: stellar nurseries, the role of gravity in stellar birth, stellar “sibling rivalry”, the Sun as a star, space weather, understanding how stars work through $E=mc^2$, the forging of the elements in stars, stellar death, supernova explosions, the first stars, stillborn stars, and stellar magnetism.