Eric L. N. Jensen

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Education

Ph.D. in Astronomy, University of Wisconsin-Madison, August 1996; dissertation supervised by Robert Mathieu.

Master of Science in Astronomy, University of Wisconsin-Madison, August 1992.

Additional study of physics, astronomy, and mathematics, University of Minnesota, 1989–1990; Dean's list Fall 1989.

Bachelor of Arts in Physics, Carleton College, 1987. Graduated *magna cum laude* with distinction in Physics.

Teaching and Research Experience

Professor of Astronomy, Swarthmore College, 2012–present; Associate Professor 2004–2012; Assistant Professor 1998–2004. Physics & Astronomy Department Chair 2009–2014 (on leave academic year 2012–2013).

Instructor and Visiting Research Associate, Arizona State University, 1996–1998.

Teaching Assistant, University of Wisconsin–Madison, Sept.–Dec. 1990, Jan.–May 1996.

Research Assistant, UW-Madison, 1991–1996.

Instructor in physics, astronomy, and mathematics, Lake Forest Academy, Lake Forest, Illinois, 1987–1989.

Grants

"The Confirmation and Characterization of Small TESS Planets," NASA/TESS Cycle 5, Jan.–Dec. 2023. (Karen Collins, Smithsonian Astrophysical Observatory, PI)

"The Confirmation and Characterization of Small TESS Planets," NASA/TESS Cycle 3, March 2021–March 2022. (Sam Quinn, Harvard-Smithsonian Center for Astrophysics, PI)

"Collaborative Research: Triangulating on the Ages of Stars: Using Open Clusters to Calibrate Stellar Chronometers from Myr to Gyr Ages," National Science Foundation, August 2011–July 2016. (Phillip Cargile, Vanderbilt University, PI)

"Placing our Solar System in Context Through the Characterization of Long-Period Exoplanets," National Science Foundation, August 2011–July 2014. (David Ciardi, Caltech, PI)

"Testing Pre-Main-Sequence Stellar Models and Calibrating Age Determinations for Young Stars," National Science Foundation's Research Opportunity Award program (with Keivan Stassun, Vanderbilt University), August 2008–July 2009.

"Binary Debris Disks: Follow-on Observations of Spitzer Discoveries," NASA's Spitzer Space Telescope, July 2008–September 2010.

"A New Observatory for Undergraduate Training and Faculty Research at Swarthmore College," National Science Foundation's Program for Research and Education with Small Telescopes (PREST), August 2007–July 2011.

"The Angular Momentum Evolution of Young, Low Mass Stars: Probing Magnetic Star-Disk Coupling Through Modeling and Analysis of Circumstellar Disk Structure," NASA's Spitzer Space Telescope, June 2005–June 2006.

"Searching for the Nearest Young Stars," National Science Foundation, May 2003–May 2006.

"Constraining the T Tauri Star X-ray Emission Mechanism: High-Resolution Spectroscopy of the Young Star DoAr 21", NASA's Chandra X-ray Observatory, May 2003–May 2005.

"Prospects for Life on Planets in Binary Star Systems," National Science Foundation's Life in Extreme Environments Program, Sept. 1997–Dec. 2001.

Service

Swarthmore College:

Chair, Division of Natural Sciences and Engineering, 2021–2024; 2007–2008.
Committee on Faculty Procedures (elected committee), 2013–2015, 2018–2020.
Faculty Coordinator, Environmental Studies, 2017–2019.
Middle States Self-Study Steering Committee, 2017–2019.
Director, Frank Aydelotte Foundation for the Advancement of the Liberal Arts, 2014–2017.
Frank Aydelotte Foundation for the Liberal Arts steering committee, 2013–2014.
Strategic Planning Council, 2010–2012.
Environmental Studies Committee, 2010–present.
Chair, Department of Physics and Astronomy, 2009–2012, 2013–2014 (on leave 2012–2013).
Dean of Students Search Committee, 2009–2010.
Council on Educational Policy (elected committee), 2005–2007.
Faculty observer, Board of Managers meetings, 2005–2007.
Electronic Privacy Committee, 2003–2004.
Intellectual Property Task Force (drafted a new IP policy), 2000–2003.
Swarthmore Foundation Committee, 1999–2000.

Professional astronomical community:

Grant or telescope time review panel member, NASA Exoplanet Research Program, NSF Stellar Astronomy, NASA Astrobiology Institute, NASA Origins of Solar Systems, NSF Program for Research and Education with Small Telescopes (PREST), Chandra X-ray Observatory, Hubble Space Telescope, Spitzer Space Telescope, Atacama Large Millimeter/Submillimeter Array (ALMA), NRAO Student Observing Support program.

Proposal external referee, NASA Origins of Solar Systems, NSF Stellar Astronomy, CRDF Cooperative Grants program, NASA Space Grant Consortium, Canada-France-Hawaii Telescope.

Journal article referee for *Astronomical Journal, Astronomy & Astrophysics, Astrophysical Journal, Astrophysical Journal Letters, Monthly Notices of the Royal Astronomical Society, American Journal of Physics*, and *Nature*.

Textbook and book proposal reviewer for Cambridge Univ. Press and Princeton Univ. Press.

Member of external review team for academic programs at Smith, Oberlin, Pomona, and Whitman Colleges.

Honors

Eugene M. Lang Faculty Fellowship, Swarthmore College, 2008–2009.
James A. Michener Faculty Fellowship, Swarthmore College, 2001–2002.
Wisconsin Space Grant Consortium Graduate Fellow, 1993–1995.
Member of Sigma Xi, 1993; recipient of two Sigma Xi Grants-in-Aid of Research, 1992.
Member of Phi Beta Kappa, 1987.
National Merit Scholar, 1983.

Astronomical observing experience

I have authored successful proposals for and been a guest observer on the following telescopes:

Atacama Large Millimeter Array (ALMA);
James Clerk Maxwell Telescope, Mauna Kea, Hawaii;
Kitt Peak National Observatory Coudé Feed and 4 meter, Kitt Peak, Arizona;
Cerro Tololo Interamerican Observatory 1.5 meter and 4 meter, Chile;
Gemini South 8 meter, Chile;
Owens Valley Radio Observatory Millimeter Interferometer, Big Pine, California;
United Kingdom Infrared Telescope, Mauna Kea, Hawaii;
Very Large Array, Socorro, New Mexico.
Infrared Space Observatory (ISO);
Röntgen Satellite (ROSAT x-ray telescope);
Chandra X-ray Observatory;
Spitzer Space Telescope;
Suzaku X-ray Observatory;
Transiting Exoplanet Survey Satellite (TESS).

Undergraduate research students supervised

Swarthmore students: Beth Biller ’00, Allyn Dullighan ’01, Brendan Karch ’02, Rabi Whitaker ’03, Matt Miller ’04, Cameron Higby-Naquin ’05, Miranda Peters ’05, Katharine Schlesinger ’05, Victoria Swisher ’06, Andy Skemer ’06, Saurav Dhital ’06, Blair Reaser ’07, Jennifer Yee ’07, Emily Hager ’10, Colin Schimmelfing ’10, Rodrigo Luger ’10, Josh Sokol ’11, Jean Dahlquist ’11, Andrew Koontharana ’11, Sandy Liss ’11, Jackson Goodman ’13, Yuwen Wang ’14, Imoleayo Abel ’14, Sara Lentricchia ’15, Catherine Martlin ’15, Stefan Laos ’17, Nicole Bañales ’18, Emma Lewis ’18, Natasha Nogueira ’18, Aaron Hersch ’21, Samuel Sheppard ’21, Celia Part ’22, Ann Sinclair ’23, Siri Guoyang Chen ’24, Sigrid Lokensgard ’25. Advised undergraduate theses by Biller, Miller, Higby-Naquin, Schlesinger, Dhital, Skemer, and Gilbert.

Non-Swarthmore students, through the Keck Northeast Astronomy Consortium exchange: Arianne Donar, Wesleyan ’01; Marty Mudd, Willliams ’04; Mary Hui, Wesleyan ’05; Matthew Richardson, Fisk ’08; Emma Lehman, Williams ’10; Cailah DeRoo, WPI ’11; Jacob Gilbert, Haverford ’12; James (Marcus) Hughes, Williams ’18; Elizabeth Warrick, Bryn Mawr ’21.

Publications

Undergraduate co-authors are denoted by asterisks in the lists below. All papers can be viewed in NASA's Astrophysical Data System at this link, or at orcid.org under ORCID 0000-0002-4625-7333.

Because my recent collaborative work in exoplanet hunting (with NASA's *TESS* mission in particular) has resulted in many publications with large author lists, I have split my publications below into an initial list of publications in which I have played a major role and/or prominent results, followed by a list of remaining publications, mostly exoplanet discovery papers.

Primary author publications and/or prominent results

Offner, S. S. R., Moe, M., Kratter, K.M., Sadavoy, S.I., Jensen, E. L. N., and Tobin, J. J. 2023, "The Origin and Evolution of Multiple Star Systems." Review chapter to appear in *Protostars and Planets VII*.

Trifonov, T., et al., 2021, "A nearby transiting rocky exoplanet that is suitable for atmospheric investigation." *Science,* 371, 1038.

Armstrong, D. J., et al., 2020, "A remnant planetary core in the hot-Neptune desert." *Nature*, 583, 39.

Czekala, I., Chiang, E., Andrews, S. M., Jensen, E. L. N., Torres, G., Wilner, D. J., Stassun, K. G., and Macintosh, B., 2019, "The Degree of Alignment between Circumbinary Disks and Their Binary Hosts." *Astrophysical Journal* 883, 22.

Akeson, R.L., Jensen, E.L.N., Carpenter, J., Ricci, L., *Laos, S., *Nogueira, N., and *Suen-Lewis, E. 2019, "Resolved Young Binary Systems and Their Disks." *Astrophysical Journal* 872, 158.

Gaudi, B. S., et al. 2017. "A giant planet undergoing extreme-ultraviolet irradiation by its hot massive-star host." *Nature* 546, 514–518.

Czekala, I., Andrews, S. M., Jensen, E. L. N., Stassun, K. G., Torres, G., and Wilner, D. J. 2015. "A Disk-Based Dynamical Mass Estimate for the Young Binary AK Sco," *Astrophysical Journal*, 805, 154.

Jensen, E. L. N. and Akeson, R. L. 2014. "Misaligned Protoplanetary Disks in a Young Binary Star System," *Nature,* 511, 567.

Akeson, R.L., and Jensen, E.L.N. 2014. "Circumstellar Disks Around Binary Stars in Taurus," *Astrophysical Journal,* 784, 62.

*Yee, J, C. and Jensen, E.L.N. 2010. "A Test of Pre–Main-Sequence Li Depletion Models," *Astrophysical Journal*, 711, 303.

Jensen, E.L.N., Cohen, D. H., and Gagné, M. 2009. "No Transition Disk? Infrared Excess, PAH, H_2, and X-Rays from the Weak-Lined T Tauri Star DoAr 21," *Astrophysical Journal*, 703, 252.

Cohen, D. H., *Kuhn, M. A., Gagné, M., Jensen, E. L. N., and Miller, N. A. 2008. "*Chandra* spectroscopy of the hot star β Crucis and the discovery of a pre-main-sequence companion," *Monthly Notices of the Royal Astronomical Society*, 386, 1855.

Patience, J., Akeson, R. L., and Jensen, E. L. N. 2008. "The Evolution of Circumstellar Disks in Ophiuchus Binaries," *Astrophysical Journal*, 677, 616.

Jensen, E.L.N., *Dhital, S., Stassun, K., Patience, J., Herbst, W., Walter, F., Simon, M., and Basri, G. 2007. "Periodic Accretion from a Circumbinary Disk in the Young Binary UZ Tau E," *Astronomical Journal*, 134, 241.

Jensen, E.L.N., Mathieu, R.D., *Donar, A. X., and *Dullighan, A. 2004. "Testing Protoplanetary Disk Alignment in Young Binaries," *Astrophysical Journal*, 600, 789.

Jensen, E.L.N., and Akeson, R.L., 2003. "Protoplanetary Disk Mass Distribution in Young Binaries," *Astrophysical Journal*, 584, 875.

Koerner, D.W., Jensen, E.L.N., *Cruz, K., *Guild, T., and *Gultekin, K. 2000. "A Single Circumbinary Disk in the HD 98800 Quadruple System," *Astrophysical Journal Letters*, 533, L37.

Jensen, E.L.N., Cohen, D.H., and Neuhäuser, R. 1998. "*ROSAT* and *Hipparcos* Observations of Isolated Pre–Main-Sequence Stars Near HD 98800," *Astronomical Journal*, 116, 414.

Akeson, R.L., Koerner, D.W., and Jensen, E.L.N. 1998. "A Circumstellar Dust Disk Around T Tauri N: Sub-arcsecond Imaging at $\lambda = 3$ mm," *Astrophysical Journal*, 505, 358.

Jensen, E.L.N., and Mathieu, R.D. 1997. "Evidence for Cleared Regions in the Disks Around Pre-Main-Sequence Spectroscopic Binaries," *Astronomical Journal*, 114, 301.

Mathieu, R. D., Stassun, K., Basri, G., Jensen, E.L.N., Johns-Krull, C.M., Valenti, J., and Hartmann, L.W. 1997. "The Classical T Tauri Spectroscopic Binary DQ Tau. I. Orbital Elements and Photometric Behavior," *Astronomical Journal*, 113, 1841.

Jensen, E.L.N., Koerner, D.W., and Mathieu, R.D. 1996. "High-Resolution Imaging of Circumstellar Gas and Dust in UZ Tauri: Comparing Binary and Single-Star Disk Properties," *Astronomical Journal*, 111, 2431.

Jensen, E.L.N., Mathieu, R.D., and Fuller, G.A. 1996. "The Connection Between Submillimeter Continuum Flux and Separation in Young Binaries: Evidence of Interaction Between Stars and Disks," *Astrophysical Journal*, 458, 312.

Mathieu, R.D., Adams, F.C., Fuller, G.A., Jensen, E.L.N., Koerner, D.W., and Sargent, A.I. 1995. "Submillimeter Continuum Observations of the T Tauri Spectroscopic Binary GW Orionis," *Astronomical Journal*, 109, 2655.

Jensen, E.L.N., Mathieu, R.D., and Fuller, G.A. 1994. "A Connection Between Submillimeter Continuum Flux and Separation in Young Binaries," *Astrophysical Journal Letters,* 429, L29.

Other refereed papers

Hawthorn, F., et al., 2023, "TOI-836: A super-Earth and mini-Neptune transiting a nearby K-dwarf." *Monthly Notices of the Royal Astronomical Society*, 520, 3649.

Yee, S. W., et al., 2023, "The TESS Grand Unified Hot Jupiter Survey. II. Twenty New Giant Planets." *Astrophysical Journal Supplement Series*, 265, 1.

Oddo, D., et al., 2023, "Characterization of a Set of Small Planets with TESS and CHEOPS and an Analysis of Photometric Performance." *Astronomical Journal*, 165, 134.

Tey, E., et al., 2023, "TESS Discovery of Twin Planets near 2:1 Resonance around Early M Dwarf TOI 4342." *Astronomical Journal*, 165, 93.

Chaturvedi, P., et al., 2022, "TOI-1468: A system of two transiting planets, a super-Earth and a mini-Neptune, on opposite sides of the radius valley." *Astronomy and Astrophysics*, 666, A155.

Almenara, J. M., et al., 2022, "GJ 3090 b: one of the most favourable mini-Neptune for atmospheric characterisation." *Astronomy and Astrophysics*, 665, A91.

Gan, T., et al., 2022, "TESS discovery of a sub-Neptune orbiting a mid-M dwarf TOI-2136." *Monthly Notices of the Royal Astronomical Society*, 514, 4120.

Yee, S. W., et al., 2022, "The TESS Grand Unified Hot Jupiter Survey. I. Ten TESS Planets." The *Astronomical Journal*, 164, 70.

Wittrock, J. M., et al., 2022, "Transit Timing Variations for AU Microscopii b and c." The *Astronomical Journal*, 164, 27.

Mori, M., et al., 2022, "TOI-1696: A Nearby M4 Dwarf with a 3 $R_{\oplus}$ Planet in the Neptunian Desert." *Astronomical Journal*, 163, 298.

Christian, S., et al., 2022, "A Possible Alignment Between the Orbits of Planetary Systems and their Visual Binary Companions." *Astronomical Journal*, 163, 207.

Serrano, L. M., et al., 2022, "A low-eccentricity migration pathway for a 13-h-period Earth analogue in a four-planet system." *Nature Astronomy*, 6, 736.

Winters, J. G., et al., 2022, "A Second Planet Transiting LTT 1445A and a Determination of the Masses of Both Worlds." *Astronomical Journal*, 163, 168.

Mann, A. W., et al., 2022, "TESS Hunt for Young and Maturing Exoplanets (THYME) VI: an 11 Myr giant planet transiting a very low-mass star in Lower Centaurus Crux." *Astronomical Journal*, 163, 156.

Wilson, T. G., et al., 2022, "A pair of sub-Neptunes transiting the bright K-dwarf TOI-1064 characterized with CHEOPS." *Monthly Notices of the Royal Ast. Society*, 511, 1043.

Kaye, L., et al., 2022, "Transit timings variations in the three-planet system: TOI-270." *Monthly Notices of the Royal Astronomical Society*, 510, 5464.

Giacalone, S., et al., 2022, “Validation of 13 Hot and Potentially Terrestrial TESS Planets.” *Astronomical Journal*, 163, 99.

Wittenmyer, R. A., et al., 2022, “TOI-1842b: A Transiting Warm Saturn Undergoing Reinflation around an Evolving Subgiant.” *Astronomical Journal*, 163, 82.

Saunders, N., et al., 2022, “TESS Giants Transiting Giants. I.: A Noninflated Hot Jupiter Orbiting a Massive Subgiant.” *Astronomical Journal*, 163, 53.

Addison, B. C., et al., 2021, “TOI-1431b/MASCARA-5b: A Highly Irradiated Ultrahot Jupiter Orbiting One of the Hottest and Brightest Known Exoplanet Host Stars.” *Astronomical Journal*, 162, 292.

Wong, I., et al., 2021, “TOI-2109: An Ultrahot Gas Giant on a 16 hr Orbit.” *Astronomical Journal*, 162, 256.

Kostov, V. B., et al., 2021, “TIC 172900988: A Transiting Circumbinary Planet Detected in One Sector of TESS Data.” *Astronomical Journal*, 162, 234.

Kossakowski, D., et al., 2021, “TOI-1201 b: A mini-Neptune transiting a bright and moderately young M dwarf.” *Astronomy & Astrophysics*, 656, A124.

Cabot, S. H. C., et al., 2021, “TOI-1518b: A Misaligned Ultra-hot Jupiter with Iron in Its Atmosphere.” *Astronomical Journal*, 162, 218.

Scarsdale, N., et al., 2021, "TESS-Keck Survey. V. Twin Sub-Neptunes Transiting the Nearby G Star HD 63935.” *Astronomical Journal*, 162, 215.

Osborn, A., et al., 2021, “TOI-431/HIP 26013: a super-Earth and a sub-Neptune transiting a bright, early K dwarf, with a third RV planet.” *Monthly Notices of the Royal Ast. Society*, 507, 2782.

Gan, T., et al., 2021, “HD 183579b: a warm sub-Neptune transiting a solar twin detected by TESS.” *Monthly Notices of the Royal Ast. Society*, 507, 2220.

Teske, J., et al., 2021, “The Magellan-TESS Survey. I. Survey Description and Midsurvey Results.” *Astrophysical Journal Supplement Series*, 256, 33.

Dong, J., et al., 2021, “TOI-3362b: A Proto Hot Jupiter Undergoing High-eccentricity Tidal Migration.” *Astrophysical Journal*, 920, L16.

Hirano, T., et al., 2021, “Two Bright M Dwarfs Hosting Ultra-Short-Period Super-Earths with Earth-like Compositions.” *Astronomical Journal*, 162, 161.

Burt, J. A., et al., 2021, “TOI-1231 b: A Temperate, Neptune-sized Planet Transiting the Nearby M3 Dwarf NLTT 24399.” *The Astronomical Journal*, 162, 87.

Kostov, V. B., et al., 2021, “TIC 454140642: A Compact, Coplanar, Quadruple-lined Quadruple Star System Consisting of Two Eclipsing Binaries.” *Astrophysical Journal*, 917, 93.

Cloutier, R., et al., 2021, “TOI-1634 b: An Ultra-short-period Keystone Planet Sitting inside the M-dwarf Radius Valley.” *Astronomical Journal*, 162, 79.

Hedges, C., et al., 2021, “TOI-2076 and TOI-1807: Two Young, Comoving Planetary Systems within 50 pc Identified by TESS that are Ideal Candidates for Further Follow Up.” *Astronomical Journal*, 162, 54.

Dong, J., et al., 2021, “Warm Jupiters in TESS Full-frame Images: A Catalog and Observed Eccentricity Distribution for Year 1.” *The Astrophysical Journal Supplement Series*, 255, 6.

Rodriguez, J. E., et al., 2021, "TESS Delivers Five New Hot Giant Planets Orbiting Bright Stars from the Full-frame Images.” *Astronomical Journal*, 161, 194.

Powell, B. P., et al., 2021, “TIC 168789840: A Sextuply Eclipsing Sextuple Star System.” *Astronomical Journal*, 161, 162.

Dawson, R. I., et al., 2021, “Precise Transit and Radial-velocity Characterization of a Resonant Pair: The Warm Jupiter TOI-216c and Eccentric Warm Neptune TOI-216b.” *Astronomical Journal*, 161, 161.

Daylan, T., et al., 2021, “TESS Discovery of a Super-Earth and Three Sub-Neptunes Hosted by the Bright, Sun-like Star HD 108236.” *Astronomical Journal* l, 161, 85.

Sha, L., et al., 2021, “TOI-954 b and K2-329 b: Short-period Saturn-mass Planets that Test whether Irradiation Leads to Inflation.” *Astronomical Journal*, 161, 82.

Newton, E. R., et al., 2021, “TESS Hunt for Young and Maturing Exoplanets (THYME). IV. Three Small Planets Orbiting a 120 Myr Old Star in the Pisces-Eridanus Stream.” *Astronomical Journal*, 161, 65.

Weiss, L. M., et al., 2021, “The TESS-Keck Survey. II. An Ultra-short-period Rocky Planet and Its Siblings Transiting the Galactic Thick-disk Star TOI-561." *Astronomical Journal*, 161, 56.

Giacalone, S., et al., 2021, “Vetting of 384 TESS Objects of Interest with TRICERATOPS and Statistical Validation of 12 Planet Candidates.” *Astronomical Journal*, 161, 24.

Waalkes, W. C., et al., 2021, “TOI 122b and TOI 237b: Two Small Warm Planets Orbiting Inactive M Dwarfs Found by TESS.” *Astronomical Journal*, 161, 13.

Zhou, G., et al., 2021, “Two Young Planetary Systems around Field Stars with Ages between 20 and 320 Myr from TESS.” *Astronomical Journal*, 161, 2.

Burt, J. A., et al., 2020, “TOI-824 b: A New Planet on the Lower Edge of the Hot Neptune Desert.” *Astronomical Journal*, 160, 153.

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

Rodríguez Martínez, R., et al., 2020, “KELT-25 b and KELT-26 b: A Hot Jupiter and a Substellar Companion Transiting Young A Stars Observed by TESS.” *Astronomical Journal*, 160, 111.

Teske, J., et al., 2020, “TESS Reveals a Short-period Sub-Neptune Sibling (HD 86226c) to a Known Long-period Giant Planet.” *Astronomical Journal*, 160, 96.

Bluhm, P., et al., 2020, “Precise mass and radius of a transiting super-Earth planet orbiting the M dwarf TOI-1235: a planet in the radius gap?” *Astronomy & Astrophysics*, 639, A132.

Cloutier, R., et al., 2020, "TOI-1235 b: A Keystone Super-Earth for Testing Radius Valley Emergence Models around Early M Dwarfs." *Astronomical Journal*, 160, 22.

Cloutier, R., et al., 2020, "A Pair of TESS Planets Spanning the Radius Valley around the Nearby Mid-M Dwarf LTT 3780." *Astronomical Journal*, 160, 3.

Gan, T., et al., 2020, "LHS 1815b: The First Thick-disk Planet Detected by TESS." The *Astronomical Journal*, 159, 160.

Díaz, M. R., et al., 2020, "TOI-132 b: A short-period planet in the Neptune desert transiting a V = 11.3 G-type star ." *Monthly Notices of the Royal Astronomical Society*, 493, 973.

Huang, C. X., et al., 2020, "TESS Spots a Hot Jupiter with an Inner Transiting Neptune." *Astrophysical Journal*, 892, L7.

Shporer, A., et al., 2020, "GJ 1252 b: A 1.2 $R_{\oplus}$ Planet Transiting an M3 Dwarf at 20.4 pc." *Astrophysical Journal*, 890, L7.

Espinoza, N., et al., 2020, "HD 213885b: a transiting 1-d-period super-Earth with an Earth-like composition around a bright (V = 7.9) star unveiled by TESS." *Monthly Notices of the Royal Astronomical Society*, 491, 2982.

Wyrzykowski, Ł., et al., 2020, "Full orbital solution for the binary system in the northern Galactic disc microlensing event Gaia16aye." *Astronomy & Astrophysics*, 633, A98.

Kossakowski, D., et al., 2019, "TOI-150b and TOI-163b: two transiting hot Jupiters, one eccentric and one inflated, revealed by TESS near and at the edge of the JWST CVZ." *Monthly Notices of the Royal Astronomical Society*, 490, 1094.

Rodriguez, J. E., et al., 2019, "KELT-24b: A $5M_J$ Planet on a 5.6 day Well-aligned Orbit around the Young $V = 8.3$ F-star HD 93148." *Astronomical Journal*, 158, 197.

Quinn, S. N., et al., 2019, "Near-resonance in a System of Sub-Neptunes from TESS." *Astronomical Journal*, 158, 177.

Johns, D., et al., 2019, "KELT-23Ab: A Hot Jupiter Transiting a Near-solar Twin Close to the TESS and JWST Continuous Viewing Zones." *Astronomical Journal* 158, 78.

Kostov, V. B., et al., 2019, "The L 98-59 System: Three Transiting, Terrestrial-size Planets Orbiting a Nearby M Dwarf." *Astronomical Journal* 158, 32.

Barenfeld, S. A., et al., 2019, "The Effect of Binarity on Circumstellar Disk Evolution." *Astrophysical Journal* 878, 45.

Huang, P. C., et al., 2019, "Diagnosing the Clumpy Protoplanetary Disk of the UXor Type Young Star GM Cephei." *Astrophysical Journal* 871, 183.

Labadie-Bartz, J., et al., 2019, "KELT-22Ab: A Massive, Short-Period Hot Jupiter Transiting a Near-solar Twin." *Astrophysical Journal Supplement Series* 240, 13.

Collins, K. A., et al., 2018, "The KELT Follow-up Network and Transit False-positive Catalog: Pre-vetted False Positives for TESS." *Astronomical Journal* 156, 234.

Rodriguez, J. E. et al. 2018. "Multiple Stellar Flybys Sculpting the Circumstellar Architecture in RW Aurigae." *Astrophysical Journal* 859, 150.

Johnson, M.C. et al. 2018. "KELT-21b: A Hot Jupiter Transiting the Rapidly Rotating Metal-poor Late-A Primary of a Likely Hierarchical Triple System." *Astronomical Journal* 155, 100.

Siverd, R. J. et al. 2018. "KELT-19ab: A P~4.6 Day Hot Jupiter Transiting a Likely Am Star with a Distant Stellar Companion." *Astronomical Journal* 155, 35.

Czekala, I. et al. 2017. "The Architecture of the GW Ori Young Triple Star System and Its Disk: Dynamical Masses, Mutual Inclinations, and Recurrent Eclipses." *Astrophysical Journal* 851, 132.

Lund, M. B., et al. 2017. "KELT-20b: A Giant Planet with a Period of P~3.5 days Transiting the V~7.6 Early A Star HD 185603." *Astronomical Journal* 154, 194.

Lubin, J. B., et al. 2017. "A Bright Short Period M-M Eclipsing Binary from the KELT Survey: Magnetic Activity and the Mass-Radius Relationship for M Dwarfs. *Astrophysical Journal* 844, 134.

McLeod, K. K., et al. 2017. "KELT-18b: Puffy Planet, Hot Host, Probably Perturbed." *Astronomical Journal* 153, 263.

Pepper, J., et al. 2017. "KELT-11b: A Highly Inflated Sub-Saturn Exoplanet Transiting the V = 8 Subgiant HD 93396." *Astronomical Journal* 153, 215.

Stevens, D. J., et al. 2017. "KELT-12b: A ~ 5 day, Highly Inflated Hot Jupiter Transiting a Mildly Evolved Hot Star." *Astronomical Journal* 153, 178.

Oberst, T. E., et al. 2017. "KELT-16b: A Highly Irradiated, Ultra-short Period Hot Jupiter Nearing Tidal Disruption" *Astronomical Journal* 153, 97.

Zhou, G., et al. 2016. "KELT-17b: A Hot-Jupiter Transiting an A-star in a Misaligned Orbit Detected with Doppler Tomography," *Astronomical Journal* 152, 136.

Kraus, S., et al. 2016. "Planet Formation Imager (PFI): science vision and key requirements." SPIE 9907, 99071K.

Kostov, V. B., et al. 2016. "Kepler-1647b: The Largest and Longest-period Kepler Transiting Circumbinary Planet," *Astrophysical Journal,* 827, 86.

Kane, S. R., Thirumalachari, B., Henry, G.W., Hinkel, N. R., Jensen, E. L. N., Boyajian, T.S., Fischer, D.A., Howard, A. W., Isaacson, H. T., and Wright, J. T. 2016. "Stellar Activity and Exclusion of the Outer Planet in the HD 99492 System," *Astrophysical Journal Letters,* 820, L5.

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Invited conference talks

Invited review talk on disks in young binary systems, at *Bridging the Gap: Accretion and Orbital Evolution in Stellar and Black Hole Binaries*, Kavli workshop, Kavli Institute for Theoretical Physics, UC Santa Barbara, March 2022

Invited review talk on disks in young binary systems, at *The disc migration issue: from protoplanets to supermassive black holes*, Kavli workshop, Institute for Astronomy, Cambridge University, England, May 2017

"Transit Observations with the Peter van de Kamp Observatory," at *Workshop on Young Planetary Systems*, Jena, Germany, November 2010.

"The Search for Post T-Tauri Stars" at *Young Stars Near Earth*, NASA/Ames, March 2001.

"Unresolved millimeter-wave observations of disks" at *Formation of Binary Stars*, Potsdam, Germany, April 2000.

"Disks in Young Binary Systems" at *Planetary Formation in the Binary Environment*, Stony Brook, NY, June 1996.

American Astronomical Society meeting presentations

*Hersch, A. S., Jensen, E. L. N., Akeson, R. L., 2019. "Measuring protoplanetary disk alignment in young binary systems." AAS 233, 354.10.

Gaudi, B. S., et al. 2017. "KELT-9b: A giant planet with the temperature of a red dwarf star transiting an unevolved A0 star." AAS 230, 102.06.

*Laos, S., Akeson, R. L., & Jensen, E. L. N. 2017. "Protoplanetary disks in Taurus: Probing the role of multiplicity with ALMA observations." AAS 229, 345.04.

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*Martlin, C., Jensen, E. L. N., Shkolnik, E. 2014. "Measuring the Rotational Velocities of Young M Stars," *BAAS*, 220, 441.13.

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LeBlanc, T. S., Stassun, K. G., Jensen, E. L. N. 2006. "Monte-Carlo SED Models of Young Stars With Accretion Disks in Taurus-Auriga and Orion Region", *BAAS,* 209, 76.08.

*Yee, J. C., Jensen, E. L. N., *Reaser, B. E. 2006. "Lithium Depletion in the Beta Pictoris Moving Group", *BAAS,* 209, 30.06. Honorable mention for best poster by an undergraduate.

*Skemer, A.J., Jensen, E. L. N. 2005. "Mass Limits of Circumstellar Disks from Spitzer Legacy Data", *BAAS,* 207, 74.20.

*Dhital, S., Jensen, E. L. N., Patience, J., Akeson, R.L., Herbst, W. 2005. "Pulsed Accretion in the Young Binary UZ Tau E", *BAAS,* 207, 74.20.

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*Whitaker, R. S., Jensen, E.L.N. 2002. "Newly-Discovered Young, Nearby Stars", *BAAS*, 201, 93.18.

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Other presentations

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Resolving planet formation in the era of ALMA and extreme AO, Santiago, Chile, May 2016.
Cool Stars, Stellar Systems, and the Sun 18, Flagstaff, AZ, June 2014.
Gordon Conference on *Origins of the Solar System*, Mt. Holyoke, MA, Summer 2007.
Cool Stars, Stellar Systems, and the Sun 14, Pasadena, CA, November 2006.
A Decade of Extrasolar Planets Around Normal Stars, Space Tel. Science Institute, May 2005
Protostars and Planets IV, Santa Barbara, CA, Summer 1998.
Gordon Conference on *Origins of the Solar System*, New Hampton, NH, Summer 1995.
NASA-CfA Star Formation Workshops, Summers 1993, 1994, and 1997.
Dispersal of Protoplanetary Disks, Santa Barbara, CA, Summer 1992.