

Andrea S.J. Lin

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EDUCATION

Pennsylvania State University (University Park, PA)

Dissertation: Precision Radial Velocities and Photometry in Pursuit of Exoplanets around Low-Mass Stars

Ph.D. Astronomy and Astrophysics and Astrobiology

Aug 2024

M.S. Astronomy and Astrophysics

Dec 2020

University of Michigan (Ann Arbor, MI)

B.S. Astronomy and Astrophysics and Physics, with highest distinction

Apr 2018

RESEARCH EXPERIENCE

Troesh Postdoctoral Scholar Research Associate in Astronomy

2024 – present

Division of Physics, Mathematics, and Astronomy, California Institute of Technology

Advisor: Prof. Dimitri Mawet

Graduate Research Assistant

2018 – 2024

Department of Astronomy and Astrophysics, Pennsylvania State University

Advisor: Prof. Suvrath Mahadevan

Cecelia Payne-Gaposchkin Science Achievement Graduate Fellowship in Astronomy

2018 – 2023

University Graduate Fellow

2018 – 2019

Space Astronomy Summer Program (REU)

2017

Space Telescope Science Institute

Advisor: Dr. Massimo Robberto

Undergraduate Research (ASTRO 399)

2016 – 2018

Department of Astronomy, University of Michigan

Advisor: Prof. John Monnier

INSTRUMENTATION WORK

- **HISPEC (High-resolution Infrared SPECTrograph for Exoplanet Characterization)** **Instrument Team**
Mawet, D., et al. 2019, BAAS, 51, 7, 134. Konopacky, Q., et al. 2023, arXiv:2309.11050.
Diffraction-limited, high-resolution NIR (*yJHK*) PRV spectrograph under construction for the 10m Keck II telescope, and pathfinder for MODHIS on the Thirty Meter Telescope. Contributing to studies of instrument RV precision (including investigations with PARVI at Palomar Observatory), calibration, and data reduction.
- **NEID** **Instrument Team & Science Team**
Schwab, C., et al. 2016, Proc. SPIE, 9908, 99087H. Halverson, S., et al. 2016, Proc. SPIE, 9908, 99086P.
NN-EXPLORE (NASA/NSF) red-optical EPRV spectrograph targeting ~30 cm/s instrumental precision, on the WIYN 3.5m Telescope at Kitt Peak. Contributed to fiber optic feed construction and testing, as well as overall instrument integration, installation, and commissioning.

- **NEID Solar Feed**
Lin, A.S.J., et al. 2022, AJ, 163, 4, 184.
 A small telescope to feed disk-integrated sunlight into NEID, allowing daily monitoring of solar RVs to improve understanding of both instrumental systematics and the intrinsic “RV jitter” of Sun-like stars. Led system design, construction, and testing.

Project Lead
- **Precision Photometry with Engineered Diffusers**
Stefansson, G., et al. 2017, ApJ, 848, 1, 9. Stefansson, G., et al. 2018, Proc. SPIE, 10702, 1070250.
 Extreme-precision ground-based photometry ($\lesssim 1000$ ppm) through PSF stabilization with Engineered Diffusers and use of custom narrowband filters. Observed exoplanet transits and starspot-crossing events, primarily with ARCTIC on the ARC 3.5m Telescope at Apache Point.

Science Team
- **HPF (Habitable-zone Planet Finder)**
Mahadevan, S., et al. 2012, Proc. SPIE, 8446, 84461S. Mahadevan, S., et al. 2014, Proc. SPIE, 9147, 91471G.
 NIR (yJ) PRV spectrograph on the 10m Hobby-Eberly Telescope at McDonald Observatory; has demonstrated ~ 1.5 m/s on-sky precision.

Science Team

SCIENCE PROJECTS

- **SNEAK: Searching for Nearby Exoplanets Around K-dwarfs with NEID**
 3-year blind RV search for low-mass ($M < 10 M_{\oplus}$) planets around 10 nearby ($d < 20$ pc), RV-quiet, mid/late K-dwarfs using NEID. K-dwarfs suit NEID’s red-optical wavelength coverage, and such planets are amenable to future direct imaging characterization. Managing observing queue, RV reduction, and data analysis.
 NEID time allocated: **NOIRLab** – 24B-422321 (46.7h), 24A-211691 (46.7h), 23B-981173 (46.7h), 23A-621448 (46.7h), 22B-966899 (0.0h, *Contreras Fire*), 22A-923895 (40.0h), 21B-0225 (46.7h). **Penn State TAC** – 24B543619 (18.7h), 24A-820750 (14.0h), 23B-936288 (23.3h), 23A-728052 (23.3h), 22B-837365 (10.0h, *Contreras Fire*), 22A-174847 (20.3h), 21B-0439 (29.3h).

Project Lead
- **TESS Planet Candidate Follow-Up with NEID & HPF**
 Validation and confirmation of TESS Objects of Interest (TOIs), focusing on Giant Exoplanets around M-dwarf Stars (GEMS). Coordination of ground-based follow-up collaboration including transit photometry, high-contrast imaging (AO/speckle), and precision RVs with NEID, HPF, and other instruments. Involvement of undergraduates in data acquisition & analysis, with collaborative mentoring by senior team members. Led to GEMS-JWST (GO #3171, PI: S. Kanodia).

Team Member

HONORS & AWARDS

NASA Group Achievement Award:	
“For group achievement in protecting the NEID instrument during the Contreras Fire at Kitt Peak National Observatory and in restoring it to use in record time.”	2025
“For the development and delivery of the state-of-the-art NEID radial velocity spectrograph and port adapter to the WIYN 3.5-meter telescope on Kitt Peak.”	2020
Downsbrough Graduate Fellowship	2023
James B. Angell Scholar	2016, 2017
University Honors	2014, 2015, 2016
Dean’s List	2014, 2015
William J. Branstrom Freshman Prize	2015

PRESENTATIONS

CONFERENCE TALKS

- Exoplanets in Southern California (ExSoCal) 2025 Dec 2025
Investigating the Differential Limb Coupling Effect for Diffraction-Limited Spectrographs
- American Astronomical Society Meeting 243 Jan 2024
Dissertation Talk: Precision RVs and Photometry in Pursuit of Small Planets around Low-Mass Stars
- Extreme Precision Radial Velocity (EPRV) 5 Mar 2023
The NEID Solar Feed
- Flatiron Sun-as-a-Star Workshop Mar 2023
The NEID Solar Telescope
- Emerging Researchers in Exoplanet Science (ERES) VI May 2021
The NEID Solar Feed: Observing the Sun as an Exoplanet Host Star

CONFERENCE POSTERS

- SPIE Astronomical Telescopes & Instrumentation 2026 Jul 2026
Investigating the differential limb coupling effect for diffraction-limited spectrographs with PARVI
- SPIE Astronomical Telescopes & Instrumentation 2022 Jul 2022
The NEID solar feed: the first year of data and operations
- Exoplanets IV May 2022
SNEAK: Searching for Nearby Exoplanets Around K-dwarfs with NEID
- SPIE Astronomical Telescopes & Instrumentation 2020 Dec 2020
A solar feed for NEID
- American Astronomical Society Meeting 231 Jan 2018
Determining Disk Parameters for the Classical Be Star 59 Cyg

SEMINARS

- JPL Virtual Exoplanet Lecture Series Nov 2023
The Search for Exo-Earths, and Why K-dwarfs May Be Our Best Bet
- Carnegie Earth & Planets Laboratory, Astro Seminar Oct 2023
The Search for Exo-Earths, and Why K-dwarfs May Be Our Best Bet
- Ohio State University, Exoplanet Group Seminar Oct 2023
The Search for Exo-Earths, and Why K-dwarfs May Be Our Best Bet
- Pennsylvania State University, Center for Exoplanets & Habitable Worlds Seminar Oct 2023
The Search for Exo-Earths, and Why K-dwarfs May Be Our Best Bet
- Space Telescope Science Institute, Space Astronomy Summer Program Aug 2017
ONCdb: Creating a Database of the Orion Nebula Cluster

TEACHING & ACADEMIC SERVICE

TEACHING

- Teaching Assistant, ASTRO 320 (*Observational Astronomy Laboratory*) 2021, 2022
- Grading Assistant, PHYSICS 360/401/405/453 (*intermediate/advanced undergrad courses*) 2016 – 2018
- Telescope Operator, ASTRO 100-200 (*introductory astronomy courses*) 2015 – 2016

MENTORING

- Caltech Summer Undergraduate Research Fellowships (SURF) 2026

CONFERENCES / EVENTS

Organizing Committee, Emerging Researchers in Exoplanet Science VII

2022

MEMBERSHIPS

SPIE, American Astronomical Society

OUTREACH

- Science Olympiad 2015 – present
 - National Astronomy Committee 2017 – present
- Universe Today Podcast, Interview 2021
Ep. 777: Discovering Earth-Sized Planets
- Astronomy on Tap, Invited Talk 2020
How Can Looking at the Sun Help Us Find Exoplanets?
- University of Michigan Student Astronomical Society 2014 – 2018
 - Webmaster 2017 – 2018
 - Outreach/Publicity Coordinator 2016 – 2017

OTHER SKILLS

CITIZENSHIP

United States

CERTIFICATES

Certified SolidWorks Associate – Mechanical Design (CSWA-Academic)

SOFTWARE & PROGRAMMING LANGUAGES

Proficient: Python, Linux/Unix, MS Windows, MS Office, LaTeX, Git, AstroImageJ, SolidWorks

Novice: Julia, MATLAB, C++, SQL, IDL, CCDSoft, IRAF, SAO DS9, AutoCAD, Zemax OpticStudio

LANGUAGES

English (*native*), French (*intermediate*), Taiwanese Mandarin (*intermediate, spoken*), Taiwanese Hokkien (Min Nan Chinese) (*elementary, spoken*)

PUBLICATIONS

** Non-peer reviewed (Proc. SPIE, RNAAS, etc.)

% Publications in review

FIRST AUTHOR

1. ** **Lin, A.S.J.**, Baker, A.D., Halverson, S., et al. 2026, Proc. SPIE (in press, arXiv:2608.00349). *Investigating the differential limb coupling effect for diffraction-limited spectrographs with PARVI*.
2. **Lin, A.S.J.**, Libby-Roberts, J.E., Alvarado-Montes, J.A., et al. 2023, AJ, 166, 3, 90. *The Unusual M-dwarf Warm Jupiter TOI-1899 b: Refinement of Orbital and Planetary Parameters*. doi:10.3847/1538-3881/ace1ef
3. **Lin, A.S.J.**, Monson, A., Mahadevan, S., et al. 2022, AJ, 163, 4, 184. *Observing the Sun as a Star: Design and Early Results from the NEID Solar Feed*. doi:10.3847/1538-3881/ac5622

SECOND & THIRD AUTHOR

4. Kanodia, S., **Lin, A.S.J.**, Lubar, E., et al. 2023, AJ, 166, 3, 105. *Stable Fiber-illumination for Extremely Precise Radial Velocities with NEID*. doi:10.3847/1538-3881/acea60
5. Powers, L.C., Libby-Roberts, J., **Lin, A.S.J.**, et al. 2023, AJ, 166, 2, 44. *TOI-3785 b: A Low-density Neptune Orbiting an M2-dwarf Star*. doi:10.3847/1538-3881/acd8bf
6. Stefánsson, G., Kopparapu, R., **Lin, A.**, et al. 2020, AJ, 160, 6, 259. *A Mini-Neptune and a Radius Valley Planet Orbiting the Nearby M2 Dwarf TOI-1266 in Its Venus Zone: Validation with the Habitable-zone Planet Finder*. doi:10.3847/1538-3881/abbe19

ALL CO-AUTHOR

7. ** Sappey, B., Baker, A.D., Maire, J., et al. 2026, Proc. SPIE (in press). *HISPEC calibration unit update: integration, testing, and performance*.
8. ** Ruffio, J.-B., Kilpatrick, C.D., Cale, B., et al. 2026, Proc. SPIE (in press). *HISPEC Data Reduction Pipeline II: H4RG detector calibrations and up-the-ramp data processing*.
9. ** Cale, B.L., Ruffio, J.-B., Brodheim, M., et al. 2026, Proc. SPIE (in press). *HISPEC Data Reduction Pipeline I: Architecture and Calibration Data Management*.
10. Premnath, P.H., Robertson, P., Kanodia, S., et al. 2026, AJ, 172, 2, 92. *Searching for GEMS: Three Warm Saturns and a Super-Jupiter Orbiting Four Early M Dwarfs*. doi:10.3847/1538-3881/ae82d3
11. Cañas, C.I., Lustig-Yaeger, J., Tsai, S.-M., et al. 2026, AJ, 171, 4, 260. *GEMS JWST: Transmission spectroscopy of TOI-5205b reveals significant stellar contamination and a metal-poor atmosphere*. doi:10.3847/1538-3881/ae4976
12. Glusman, R.I., Cañas, C.I., Kanodia, S., et al. 2026, AJ, 171, 3, 146. *Searching for GEMS: The Occurrence of Giant Planets Orbiting M Dwarfs within 100 pc*. doi:10.3847/1538-3881/ae2fbb
13. Koo, E., Stefánsson, G., Kavanagh, R.D., et al. 2026, A&A, 706, A98. *Spectroscopic Characterization of LOFAR Radio-emitting M dwarfs*. doi:10.1051/0004-6361/202556483
14. Sandoval, A., Cañas, C.I., Kanodia, S., et al. 2026, AJ, 171, 1, 43. *Searching for GEMS: TOI-5349b is a Saturn-like planet orbiting a metal-rich early M-dwarf*. doi:10.3847/1538-3881/ae16a2
15. Beard, C., Robertson, P., Lubin, J., et al. 2025, AJ, 170, 5, 279. *Discovery of a Nearby Habitable Zone Super-Earth Candidate Amenable to Direct Imaging*. doi:10.3847/1538-3881/ae0e20
16. Gupta, A.F., Fitzmaurice, E., Mahadevan, S., et al. 2025, AJ, 170, 5, 264. *The NEID Earth Twin Survey. III. Survey Performance after Three Years on Sky*. doi:10.3847/1538-3881/ae0339
17. % O'Brien, S., Wong, A., Han, T., et al. 2025 (submitted to AAS journals, arXiv:2510.11798). *Searching for GEMS: TOI-5916 b & TOI-6158 b are two Saturn-density planets orbiting M2 dwarfs*.
18. Kanodia, S., Cañas, C.I., Mahadevan, S., et al. 2025, AJ, 170, 4, 203. *Searching for GEMS: TOI-7149 b, an Inflated Giant Planet Causing a 12% Transit of a Fully Convective M-dwarf*. doi:10.3847/1538-3881/adf6db
19. Fernandes, R.B., Kanodia, S., Delamer, M., et al. 2025, AJ, 170, 1, 55. *Searching for GEMS: Confirmation of TOI-5573 b, a Cool, Saturn-like Planet Orbiting an M Dwarf*. doi:10.3847/1538-3881/addc51
20. Giovinazzi, M.R., Blake, C.H., Robertson, P., et al. 2025, AJ, 170, 1, 52. *The NEID Earth Twin Survey. II. Dynamical Masses in Seven High-acceleration Star Systems*. doi:10.3847/1538-3881/add922
21. Hotnisky, A., Kanodia, S., Libby-Roberts, J., et al. 2025, AJ, 170, 1, 1. *Searching for GEMS: Two Super-Jupiters around M-dwarfs -- Signatures of Instability or Accretion?* doi:10.3847/1538-3881/add2ef
22. Larsen, A., Swaby, T.N., Kobulnicky, H.A., et al. 2025, AJ, 169, 5, 246. *Searching for GEMS: Discovery and Characterization of Two Brown Dwarfs Around M Dwarfs*. doi:10.3847/1538-3881/adbb54
23. ** Han, T., Robertson, P., Cañas, C.I., et al. 2025, RNAAS, 9, 3, 63. *NEIDSpecMatch: Stellar Parameter Estimation with NEID Spectra Using an Empirical Library*. doi:10.3847/2515-5172/ad264
24. Reji, V., Kanodia, S., Ninan, J.P., et al. 2025, AJ, 169, 3, 187. *Searching for GEMS: TOI-5688 A b, a Low-density Giant Orbiting a High-metallicity Early M-dwarf*. doi:10.3847/1538-3881/ada7ea
25. Doyle, L., Cañas, C.I., Libby-Roberts, J.E., et al. 2025, MNRAS, 536, 4, 3745. *The First Spin-Orbit Obliquity of an M dwarf/brown dwarf system: an eccentric and aligned TOI-2119 b*. doi:10.1093/mnras/stae2819

26. Beard, C., Robertson, P., Lubin, J., et al. 2025, *AJ*, 169, 2, 92. *Jitter Across 15 yr: Leveraging Precise Photometry from Kepler and TESS to Extract Exoplanets from Radial Velocity Time Series*. doi:10.3847/1538-3881/ad9eb0
27. Gupta, A.F., Luhn, J.K., Wright, J.T., et al. 2025, *AJ*, 169, 1, 1. *The NEID Earth Twin Survey. I. Confirmation of a 31 Day Planet Orbiting HD 86728*. doi:10.3847/1538-3881/ad89bf
28. Masuda, K., Libby-Roberts, J.E., Livingston, J.H., et al. 2024, *AJ*, 168, 6, 294. *A Fourth Planet in the Kepler-51 System Revealed by Transit Timing Variations*. doi:10.3847/1538-3881/ad83d3
29. Bernabò, L.M., Kanodia, S., Cañas, C.I., et al. 2024, *AJ*, 168, 6, 273. *Searching for GEMS: TOI-6383Ab, a Giant Planet Transiting an M3-dwarf Star in a Binary System*. doi:10.3847/1538-3881/ad7fe8
30. Kanodia, S., Gupta, A.F., Cañas, C.I., et al. 2024, *AJ*, 168, 6, 235. *Searching for GEMS: Characterizing Six Giant Planets Around Cool Dwarfs*. doi:10.3847/1538-3881/ad7796
31. Beard, C., Robertson, P., Giovinnazzi, M.R., et al. 2024, *AJ*, 168, 4, 149. *Utilizing Photometry from Multiple Sources to Mitigate Stellar Variability in Precise Radial Velocities: A Case Study of Kepler-21*. doi:10.3847/1538-3881/ad6b22
32. Fitzmaurice, E., Stefánsson, G., Kavanagh, R.D., et al. 2024, *AJ*, 168, 3, 140. *Astrometry and Precise Radial Velocities Yield a Complete Orbital Solution for the Nearby Eccentric Brown Dwarf LHS 1610 b*. doi:10.3847/1538-3881/ad57be
33. % Ford, E.B., Bender, C.F., Blake, C.H., et al. 2024 (submitted to AAS journals, arXiv:2408.13318), *Earths within Reach: Evaluation of Strategies for Mitigating Solar Variability using 3.5 years of NEID Sun-as-a-Star Observations*.
34. Gupta, A.F., Millholland, S.C., Im, H., et al. 2024, *Nature*, 632, 8023, 50. *A hot-Jupiter progenitor on a super-eccentric retrograde orbit*. doi:10.1038/s41586-024-07688-3
35. Jones, S.E., Stefánsson, G., Masuda, K., et al. 2024, *AJ*, 168, 2, 93. *TOI-2015 b: A Warm Neptune with Transit Timing Variations Orbiting an Active Mid-type M Dwarf*. doi:10.3847/1538-3881/ad55ea
36. Kanodia, S., Cañas, C.I., Mahadevan, S., et al. 2024, *AJ*, 167, 4, 161. *Searching for Giant Exoplanets around M-dwarf Stars (GEMS) I: Survey Motivation*. doi:10.3847/1538-3881/ad27cb
37. Delamer, M., Kanodia, S., Cañas, C.I., et al. 2024, *ApJL*, 962, 2, L22. *TOI-4201: An Early M Dwarf Hosting a Massive Transiting Jupiter Stretching Theories of Core Accretion*. doi:10.3847/2041-8213/ad1a19
38. Han, T., Robertson, P., Kanodia, S., et al. 2024, *AJ*, 167, 1, 4. *TOI-5344 b: A Saturn-like Planet Orbiting a Super-solar Metallicity M0 Dwarf*. doi:10.3847/1538-3881/ad09c2
39. Stefánsson, G., Mahadevan, S., Miguel, Y., et al. 2023, *Science*, 382, 6674, 1031. *A Neptune-mass exoplanet in close orbit around a very low-mass star challenges formation models*. doi:10.1126/science.abo0233
40. Lubin, J., Wang, X.-Y., Rice, M., et al. 2023, *ApJL*, 959, 1, L5. *TOI-1670 c, a 40 day Orbital Period Warm Jupiter in a Compact System, Is Well Aligned*. doi:10.3847/2041-8213/ad0fea
41. Zhao, L.L., Dumusque, X., Ford, E.B., et al. 2023, *AJ*, 166, 4, 173. *The Extreme Stellar-signals Project. III. Combining Solar Data from HARPS, HARPS-N, EXPRES, and NEID*. doi:10.3847/1538-3881/acf83e
42. Schutte, M.C., Hebb, L., Wisniewski, J.P., et al. 2023, *AJ*, 166, 3, 92. *Measuring the Temperature of Starspots from Multi-filter Photometry*. doi:10.3847/1538-3881/ace59c
43. Cañas, C.I., Kanodia, S., Libby-Roberts, J., et al. 2023, *AJ*, 166, 1, 30. *TOI-3984 A b and TOI-5293 A b: Two Temperate Gas Giants Transiting Mid-M Dwarfs in Wide Binary Systems*. doi:10.3847/1538-3881/acdac7
44. Libby-Roberts, J.E., Schutte, M., Hebb, L., et al. 2023, *AJ*, 165, 6, 249. *An In-depth Look at TOI-3884b: A Super-Neptune Transiting an M4 Dwarf with Persistent Starspot Crossings*. doi:10.3847/1538-3881/accc2f
45. Gupta, A.F., Jackson, J.M., Hébrard, G., et al. 2023, *AJ*, 165, 6, 234. *A High-Eccentricity Warm Jupiter Orbiting TOI-4127*. doi:10.3847/1538-3881/accb9b
46. Lambert, M., Bender, C.F., Kanodia, S., et al. 2023, *AJ*, 165, 5, 218. *TOI-5375 B: A Very Low Mass Star at the Hydrogen-burning Limit Orbiting an Early M-type Star*. doi:10.3847/1538-3881/acc651
47. Kanodia, S., Mahadevan, S., Libby-Roberts, J., et al. 2023, *AJ*, 165, 3, 120. *TOI-5205b: A Short-period Jovian Planet Transiting a Mid-M Dwarf*. doi:10.3847/1538-3881/acabce
48. Frazier, R.C., Stefánsson, G., Mahadevan, S., et al. 2023, *ApJL*, 944, 2, L41. *NEID Reveals That the Young Warm Neptune TOI-2076 b Has a Low Obliquity*. doi:10.3847/2041-8213/acba18
49. Beard, C., Robertson, P., Kanodia, S., et al. 2022, *ApJ*, 936, 1, 55. *GJ 3929: High-precision Photometric and Doppler Characterization of an Exo-Venus and Its Hot, Mini-Neptune-mass Companion*. doi:10.3847/1538-4357/ac8480
50. Kanodia, S., Libby-Roberts, J., Cañas, C.I., et al. 2022, *AJ*, 164, 3, 81. *TOI-3757 b: A Low-density Gas Giant Orbiting a Solar-metallicity M Dwarf*. doi:10.3847/1538-3881/ac7c20

51. Cañas, C.I., Kanodia, S., Bender, C.F., et al. 2022, *AJ*, 164, 2, 50. *TOI-3714 b and TOI-3629 b: Two Gas Giants Transiting M Dwarfs Confirmed with the Habitable-zone Planet Finder and NEID*. doi:10.3847/1538-3881/ac7804
52. Stefánsson, G., Mahadevan, S., Petrovich, C., et al. 2022, *ApJL*, 931, 2, L15. *The Warm Neptune GJ 3470b Has a Polar Orbit*. doi:10.3847/2041-8213/ac6e3c
53. Beard, C., Robertson, P., Kanodia, S., et al. 2022, *AJ*, 163, 6, 286. *TOI-1696 and TOI-2136: Constraining the Masses of Two Mini-Neptunes with the Habitable-Zone Planet Finder*. doi:10.3847/1538-3881/ac69ec
54. Ervin, T., Halverson, S., Burrows, A., et al. 2022, *AJ*, 163, 6, 272. *Leveraging Space-based Data from the Nearest Solar-type Star to Better Understand Stellar Activity Signatures in Radial Velocity Data*. doi:10.3847/1538-3881/ac67e6
55. Reefer, M.A., Luque, R., Gaidos, E., et al. 2022, *AJ*, 163, 6, 269. *A Close-in Puffy Neptune with Hidden Friends: The Enigma of TOI 620*. doi:10.3847/1538-3881/ac658b
56. Harman, C.E., Kopparapu, R.K., Stefánsson, G., et al. 2022, *PSJ*, 3, 2, 45. *A Snowball in Hell: The Potential Steam Atmosphere of TOI-1266c*. doi:10.3847/PSJ/ac38ac
57. Ghosh, A., Sharma, S., Ninan, J.P., et al. 2022, *ApJ*, 926, 1, 68. *Gaia 20eae: A Newly Discovered Episodically Accreting Young Star*. doi:10.3847/1538-4357/ac41c2
58. Cañas, C.I., Mahadevan, S., Bender, C.F., et al. 2022, *AJ*, 163, 2, 89. *An Eccentric Brown Dwarf Eclipsing an M dwarf*. doi:10.3847/1538-3881/ac415f
59. Cañas, C.I., Mahadevan, S., Cochran, W.D., et al. 2022, *AJ*, 163, 1, 3. *A Hot Mars-sized Exoplanet Transiting an M Dwarf*. doi:10.3847/1538-3881/ac3088
60. Kanodia, S., Stefánsson, G., Cañas, C.I., et al. 2021, *AJ*, 162, 4, 135. *TOI-532b: The Habitable-zone Planet Finder confirms a Large Super Neptune in the Neptune Desert orbiting a metal-rich M-dwarf host*. doi:10.3847/1538-3881/ac1940
61. Krishnamurthy, V., Hirano, T., Stefánsson, G., et al. 2021, *AJ*, 162, 3, 82. *Nondetection of Helium in the Upper Atmospheres of TRAPPIST-1b, e, and f*. doi:10.3847/1538-3881/ac0d57
62. ** Schwab, C., Monson, A.J., Kanodia, S., et al. 2020, *Proc. SPIE*, 11447, 114474L. *The NEID spectrometer: fibre injection system design*. doi:10.1117/12.2563248
63. Cañas, C.I., Stefánsson, G., Kanodia, S., et al. 2020, *AJ*, 160, 3, 147. *A Warm Jupiter Transiting an M Dwarf: A TESS Single-transit Event Confirmed with the Habitable-zone Planet Finder*. doi:10.3847/1538-3881/abac67
64. Kanodia, S., Cañas, C.I., Stefánsson, G., et al. 2020, *ApJ*, 899, 1, 29. *TOI-1728b: The Habitable-zone Planet Finder Confirms a Warm Super-Neptune Orbiting an M-dwarf Host*. doi:10.3847/1538-4357/aba0a2