Jason Trevor Hinkle

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Research Interests

Observational astrophysics, with a broad interest in time-domain astronomy and a particular focus on transient astronomy, including tidal disruption events, active galactic nucleus flares, active galactic nucleus variability, and transient host galaxies.

Positions Held

NHFP Einstein Fellowship, University of Illinois Urbana-Champaign — September 2025 - present
Tidal Disruption Events Postdoc, University of Hawai'i at Mānoa — May 2025 - August 2025

Education

University of Hawai'i at Mānoa — 2019 - 2025

Ph.D. in Astronomy — April 2025
M.S. in Astronomy — December 2021
Dissertation: *Messy Eaters: A Diversity of Supermassive Black Hole Accretion Behaviors Revealed by Nuclear Transients*
Advisor: Prof. Benjamin J. Shappee

University of Maryland — 2015 - 2019
B.S. in Physics with High Honors — May 2019
B.S. in Astronomy with High Honors — May 2019
Honors Thesis: *Ionization Mechanisms in Quasar Outflows*
Advisor: Prof. Sylvain Veilleux

Honors and Awards

NASA Hubble Fellowship Program Einstein Fellowship — 2025
Ohio State University Center for Cosmology and Astroparticle Physics Price Prize — October 2023
University of Hawai'i Office of the Vice Provost for Research and Scholarship Student Award for Excellence in Research — May 2023
Columbia Communications ARCS Award in Astronomy — May 2022
Friends of the IfA Best 699-2 Award — Spring 2021
NSF Graduate Research Fellowship Program Honorable Mention — March 2021
Friends of the IfA Best 699-1 Award — Fall 2020
High Honors in Physics — Spring 2019
High Honors in Astronomy — Spring 2019
Honors College Research Grant — Fall 2018
University Honors Citation — November 2017

Advising Experience

Becca Lucas (UIUC undergraduate); *Coronal Line Emitters* — November 2025 - present
Paarmita Pandey (OSU graduate student); *Ambiguous Nuclear Transients* — May 2024 - present
Athena Engholm (UH undergraduate); *Ambiguous Nuclear Transients* — January 2024 - present

Ashley Tarrant (UH REU); *ASAS-SN AGN Variability* — April 2023 - present
Willem Hoogendam (UH graduate student); *Tidal Disruption Events* — March 2023 - present
Vera Berger (UH REU); *UV Stellar Flares with GALEX* — May 2022 - present
Allison Blum (UH REU); *Tidal Disruption Events* — March 2024 - August 2024
Helena Treiber (UH REU); *AGNs in TESS* — March 2021 - August 2023
Michael Bolish (UH REU); *ASAS-SN AGN Variability* — May 2022 - July 2022
Jesse Zeldes (UH REU); *ASAS-SN M-dwarfs in K2 and TESS* — June 2020 - September 2021

Professional Activities

Referee, Nature Astronomy — 2024 - present
Referee, Monthly Notices of the Royal Astronomical Society Letters — 2023 - present
Referee, Monthly Notices of the Royal Astronomical Society — 2023 - present
Referee, The Astrophysical Journal Letters — 2023 - present
Member, High Energy Astrophysics Division of the AAS — 2023 - present
Referee, The Astrophysical Journal — 2021 - present
Member, American Astronomical Society — 2019 - present

Presentations

- "The Utility of Coronal Line Emitters as Probes of Tidal Disruption Event Physics", Contributed Talk at *X-ray Quasi-Periodic Eruptions & Repeating Nuclear Transients*
- "Relating the Environments and Observables of TDEs", Contributed Talk at *KITP Program: Towards a Physical Understanding of Tidal Disruption Events*
- "The Elusive Class of Ambiguous Nuclear Transients: Observational Trends, Physical Interpretations, and Open Questions", Contributed Talk at *KITP Conference: Anticipating the Rising Tide of Tidal Disruption Events: Theory and Observations*
- "Building an ANT-Hill: The Growing Class of Ambiguous Nuclear Transients", Contributed Talk at *Transients Down Under*
- "Messy Eaters: The Feeding Behaviors of Supermassive Black Holes", Invited Price Prize Talk at *OSU CCAPP Seminars*
- "A TESS View of the Ambiguous Nuclear Transient ASASSN-18el", Invited Talk at *June 2023 TESS Mission Update Meeting*
- "The Growing Class of Ambiguous Nuclear Transients", Poster at *High Energy Astrophysics Division Meeting #20*, 117.08
- "The Growing Class of Ambiguous Nuclear Transients", Poster at *eXtreme Black Holes Aspen Winter Conference*
- "Revealing AGNs Through TESS Variability", Invited Talk at *TESS Science Team Meeting #29*
- "A TESS View of Ambiguous Nuclear Transients", Contributed Talk at *TESS Science Conference II*
- "Discovery and Follow-up of the UV Luminous TDE ASASSN-19dj", Poster at *Tidal Disruptions in Kyoto: Confronting Theory with Observations*
- "Fundamental X-ray Corona Parameters of Swift/BAT AGN", Poster at *American Astronomical Society Meeting #235*, 304.29

- "Ionization Mechanisms in Quasar Outflows", Poster at *American Astronomical Society Meeting #233*, 242.26

Awarded Grants

Summary: 5 as Science PI, 1 as FI for FINESST, 9 as Co-I. ∼ $295,000 awarded for PI/FI grants.

HST Cycle 32 Bridge – "Rest-Frame [O III] Imaging of Post-Starburst TDE Hosts with Extended Emission Line Regions"; Science PI, 2025
TESS Cycle 7 – ""A TESS View Of The First Light From Tidal Disruption Events"; Science PI, 2024
HST Cycle 34 – "Building an ANT-hill: STIS UV Follow-up of Ambiguous Nuclear Transients"; Science PI, awarded 2024
HST Cycle 33 – "Building an ANT-hill: STIS UV Follow-up of Ambiguous Nuclear Transients"; Science PI, awarded 2024
HST Cycle 32 – "Building an ANT-hill: STIS UV Follow-up of Ambiguous Nuclear Transients"; Science PI, 2024
TESS Cycle 6 – "A TESS View Of The First Light From Tidal Disruption Events"; Science PI, 2023
TESS Cycle 6 – "TESS Ground-Based Support Using ASAS-SN and SCAT"; Co-I, 2023
FINESST (Future Investigators in NASA Earth and Space Science and Technology) – "Tidal Disruption Events Under the Multiwavelength Microscope"; Future Investigator, 2023
Swift Cycle 19 – "Early-Time UVOT and XRT Follow-up of bright TDEs"; Science PI, 2023
Swift Cycle 19 – "Investigating the long-term trends of ASASSN-14ko's periodic flares"; Co-I, 2023
TESS Cycle 5 – "The Tess Transient Patrol"; Co-I, 2022
TESS Cycle 5 – "Probing The Physics Of Tidal Disruption Events With Tess"; Co-I, 2022
Swift Cycle 18 – "Bright Optical TDEs and Their Final Stages of Evolution"; Co-I, 2022
Chandra Cycle 24 – "Observing the full X-ray evolution of an X-ray bright TDE"; Co-I, 2022
NICER Cycle 3 – "Monitoring of a Newly Discovered X-ray Bright TDE Using NICER"; Co-I, 2021
Chandra Cycle 23 – "Capturing the full X-ray evolution of an X-ray bright TDE "; Co-I, 2021
NICER Cycle 2 – "Monitoring of a Newly Discovered X-ray Bright Tidal Disruption Event Using NICER"; Co-I, 2020

Ground-Based Telescope Time

Semester 2026A — Awarded: 0.5 half-night Keck-II/KCWI
Semester 2025A — Awarded: 32 h JCMT/SCUBA-2, 3 tracks SMA, 4 half-nights Keck-II/KCWI, 7.5 h ToO IRTF/Spex+Opihi, 8 half-nights IRTF/Spex
Semester 2025A — Awarded: 32 h JCMT/SCUBA-2, 3 tracks SMA, 4 half-nights Keck-II/KCWI, 7.5 h ToO IRTF/Spex+Opihi, 8 half-nights IRTF/Spex
Semester 2024B — Awarded: 32 h JCMT/SCUBA-2, 3 tracks SMA, 4 half-nights Keck-II/KCWI, 7.5 h ToO IRTF/Spex+Opihi, 9 half-nights IRTF/Spex
Semester 2024A — Awarded: 32 h JCMT/SCUBA-2, 3 tracks SMA, 3 half-nights Keck-II/KCWI, 7.5 h ToO IRTF/Spex+Opihi, 7 half-nights IRTF/Spex; Observed: 9 half-nights UH88/SNIFS
Semester 2023B — Awarded: 32 h JCMT/SCUBA-2, 3 tracks SMA, 6 half-nights Keck-II/KCWI, 7.5 h ToO IRTF/Spex+Opihi, 6 half-nights IRTF/Spex; Observed: 14 half-nights UH88/SNIFS
Semester 2023A — Awarded: 24 h JCMT/SCUBA-2, 2 tracks SMA, 30 h Gemini-N/GMOS, 30

h UKIRT/WFCAM, 6 h ToO IRTF/SpeX, 5 half-nights IRTF/Spex; Observed: 12 half-nights UH88/SNIFS
Semester 2022B — Awarded: 24 h JCMT/SCUBA-2, 2 tracks SMA, 6 half-nights Keck-I/LRIS, 25 h UKIRT/WFCAM, 6 half-nights IRTF/Spex; Observed: 18 half-nights UH88/SNIFS
Semester 2022A — Awarded: 24 h JCMT/SCUBA-2, 3 tracks SMA, 5 half-nights Keck-I/LRIS, 26 h UKIRT/WFCAM, 4 half-nights IRTF/Spex; Observed: 17 half-nights UH88/SNIFS
Semester 2021B — Awarded: 6 half-nights IRTF/Spex (PI), 24 h JCMT/SCUBA-2, 3 tracks SMA, 28 h UKIRT/WFCAM, 8.9 h Gemini-N/GMOS (Co-I) ; Observed: 20 half-nights UH88/SNIFS
Semester 2021A — Awarded: 52 h JCMT/SCUBA-2, 5.5 tracks SMA, 35 h UKIRT/WFCAM, 14.9 h Gemini-N/GMOS (Co-I); Observed: 13 half-nights UH88/SNIFS
Semester 2020B — Awarded: 20 h UKIRT/WFCAM (PI); Observed: 15 half-nights UH88/SNIFS

Outreach

HI STAR (Hawai'i Student/Teacher Astronomy Research) Mentor — Fall 2020 - Spring 2025
Astrobites Author — Spring 2020 - Spring 2025
Maunakea Scholars Program Mentor — Fall 2019 - Fall 2024
Astrobites Hiring Committee Member — Fall 2020 - Spring 2023
Astrobites Undergraduate Co-Chair — Fall 2020 - Spring 2022
Astrobites Editorial Committee Member — Fall 2020 - Fall 2021
Astrobites Education Committee Member — Fall 2020 - Fall 2021
AAS Astronomy Ambassadors Program — January 2020
Volunteer at Institute for Astronomy Booth at AAS conference — January 2020
Mobile Planetarium Show at Mānoa Japanese Language School — December 2019
Research Talk to High School Students at Punahou School — November 2019
Honolulu Children and Youth Day — October 2019

Service

Graduate Representative to the Scientific Staff Screening Committee — Fall 2023 - Spring 2023
Graduate Telescope Allocation Committee Representative — Semester 2024A
Graduate Research Oversight Group Representative — Fall 2022 - Spring 2023
Graduate Admissions Representative — Fall 2020 - Spring 2021
Graduate Colloquium Representative — Fall 2019 - Fall 2020
ASTR110L/110 Teaching Assistant — Fall 2019 - Spring 2020
ASTR100 Teaching Assistant — Fall 2018

Publications

Summary: 56 total refereed/submitted publications, 14 first author, 34 with significant contribution (8 second author), and 8 with contribution. ∼1270 total citations (∼385 first author), with an h-index of 20. The 6 papers led by students I have co-advised are denoted by **.

Posted/Submitted:

1. Earl, N., French, K. D., **Hinkle, J. T.**, Moon, Y., Shepherd, M., & Verrico, M. E. 2025, "FEADME: Fast Elliptical Accretion Disk Modeling Engine", *arXiv e-prints*, arXiv:2512.10228
2. Hoogendam, W. B., Kuesters, D., Shappee, B. J., et al. (incl. **Hinkle, J. T.**) 2025, "University of Hawaii 88-inch Telescope Observations of the Interstellar Comet 3I/ATLAS: Spectrophotometric Blue-Sensitive Spectral Time Series Spanning Two Months from Discovery",

arXiv e-prints, arXiv:2512.09020

3. **Hinkle, J. T.**, Yang, B., Meech, K. J., Hoffman, A., Shappee, B. J., Hoogendam, W. B., & Wray, J. J. 2025, "JCMT Constraints on the Early-Time HCN and CO Emission and HCN Temporal Evolution of 3I/ATLAS", *arXiv e-prints*, arXiv:2512.02106
4. Hoogendam, W. B., Shappee, B. J., Wray, J. J., et al. (incl. **Hinkle, J. T.**) 2025, "Spatial Profiles of 3I/ATLAS CN and Ni Outgassing from Keck/KCWI Integral Field Spectroscopy", *arXiv e-prints*, arXiv:2510.11779
5. Mera, T., Ashall, C., Hoeflich, P., et al. (incl. **Hinkle, J. T.**) 2025, "JWST Observations of SN 2024ggi II: NIRSpec Spectroscopy and CO Modeling at 285 and 385 Days Past the Explosion", *arXiv e-prints*, arXiv:2510.09600
6. Pasham, D. R., Coughlin, E., van Velzen, S., & **Hinkle, J. T.** 2025, "Using Infrared Dust Echoes to Identify Bright Quasi-periodic Eruption Sources", *arXiv e-prints*, arXiv:2502.12078
7. **Tarrant, A., **Hinkle, J. T.**, Shappee, B., et al. 2025, "The AGN Optical Variability Fundamental Plane", *arXiv e-prints*, arXiv:2501.12444
8. **Hinkle, J. T.**, Auchettl, K., Hoogendam, W. B., et al. 2024, "On the Double: Two Luminous Flares from the Nearby Tidal Disruption Event ASASSN-22ci (AT2022dbl) and Connections to Repeating TDE Candidates", *arXiv e-prints*, arXiv:2412.15326
9. **Zeldes, J., **Hinkle, J. T.**, Shappee, B. J., et al. 2021, "Flares Big and Small: a K2 and TESS View of ASAS-SN Superflares", *arXiv e-prints*, arXiv:2109.04501

Accepted/Published:

1. **Hinkle, J. T.**, Shappee, B. J., & Tucker, M. A. 2025, "A Swift Fix II: Physical Parameters of Type I Superluminous Supernovae", *The Open Journal of Astrophysics*, 8, 133
2. **Hinkle, J. T.**, Shappee, B. J., Auchettl, K., et al. 2025, "The most energetic transients: Tidal disruptions of high-mass stars", *Science Advances*, 11, eadt0074
3. **Hinkle, J. T.** 2024, "Mid-Infrared Echoes of Ambiguous Nuclear Transients Reveal High Dust Covering Fractions: Evidence for Dusty Tori", *Monthly Notices of the Royal Astronomical Society*, 531, 2603
4. **Hinkle, J. T.**, Shappee, B. J. & Holoien, T. W.-S. 2024, "Coronal Line Emitters are Tidal Disruption Events in Gas-Rich Environments", *Monthly Notices of the Royal Astronomical Society*, 528, 4775
5. **Hinkle, J. T.**, Kochanek, C. S., Shappee, B. J., et al. 2023, "TESS Shines Light on the Origin of the Ambiguous Nuclear Transient ASASSN-18el", *Monthly Notices of the Royal Astronomical Society*, 521, 3517
6. **Hinkle, J. T.**, Tucker, M. A., Shappee, B. J., et al. 2023, "SCAT uncovers ATLAS's first tidal disruption event ATLAS18mlw: a faint and fast TDE in a quiescent Balmer strong Galaxy", *Monthly Notices of the Royal Astronomical Society*, 519, 2035
7. **Hinkle, J. T.**, Holoien, T. W.-S., Shappee, B. J., et al. "The Curious Case of ASASSN-20hx: A Slowly Evolving, UV- and X-Ray-Luminous, Ambiguous Nuclear Transient", *The Astrophysical Journal*, 930, 12
8. **Hinkle, J. T.**, & Mushotzky, R. 2021, "Fundamental X-ray corona parameters of Swift/BAT AGN", *Monthly Notices of the Royal Astronomical Society*, 506, 4960

9. **Hinkle, J. T.**, Holoien, T. W.-S., Shappee, B. J., & Auchettl, K. 2021, "A Swift Fix for Nuclear Outbursts", *The Astrophysical Journal*, 910, 83
10. **Hinkle, J. T.**, Holoien, T. W.-S., Auchettl, K., et al. 2021, "Discovery and follow-up of ASASSN-19dj: an X-ray and UV luminous TDE in an extreme post-starburst galaxy", *Monthly Notices of the Royal Astronomical Society*, 500, 1673
11. **Hinkle, J. T.**, Holoien, T. W.-S., Shappee, B. J., et al. 2020, "Examining a Peak-luminosity/Decline-rate Relationship for Tidal Disruption Events", *The Astrophysical Journal*, 894, L10
12. **Hinkle, J. T.**, Veilleux, S., & Rupke, D. S. N. 2019, "Ionization Mechanisms in Quasar Outflows", *The Astrophysical Journal*, 881, 31
13. **Pandey, P., **Hinkle, J. T.**, Kochanek, C., et al. 2025, "Unraveling the Nature of the Nuclear Transient AT2020adpi", *The Open Journal of Astrophysics*, 851453
14. Aydi, E., Monnier, J. D., Mérand, A., et al. (incl. **Hinkle, J. T.**) 2025, "Multiple outflows and delayed ejections revealed by early imaging of novae", *Nature Astronomy*, in press
15. DerKacy, J. M., Ashall, C., Baron, E., et al. (incl. **Hinkle, J. T.**) 2025, "JWST Observations of SN 2023ixf I: Completing the Early Multi-Wavelength Picture with Plateau-phase Spectroscopy", *The Astrophysical Journal*, in press
16. Baron, E., Ashall, C., DerKacy, J. M., et al. (incl. **Hinkle, J. T.**) 2025, "JWST Observations of SN 2024ggi I: Interpretation and Model Comparison of the Type II Supernova 2024ggi at 55 days Past Explosion", *The Astrophysical Journal*, 994, 249
17. Medler, K., Ashall, C., Shahbandeh, M., et al. (incl. **Hinkle, J. T.**) 2025, "The Hawaii Infrared Supernova Study (HISS): Spectroscopic Data Release 1", *The Astrophysical Journal Supplement Series*, 281, 28
18. Medler, K., Ashall, C., Hoeflich, P., et al. (incl. **Hinkle, J. T.**) 2025, "JWST Observations of SN 2023ixf II: The Panchromatic Evolution Between 250 and 720 Days After the Explosion",*The Astrophysical Journal*, 993, 191
19. Hoogendam, W. B., Jones, D. O., Ashall, C., et al. (incl. **Hinkle, J. T.**) 2025,"Seeing the Outer Edge of the Infant Type Ia Supernova 2024epr in the Optical and Near Infrared", *The Open Journal of Astrophysics*, 8, 120
20. Hoogendam, W. B., Ashall, C., Jones, D. O., et al. (incl. **Hinkle, J. T.**) 2025, "Early and Extensive Ultraviolet Through Near Infrared Observations of the Intermediate-Luminosity Type Iax Supernovae 2024pxl", *The Astrophysical Journal*, 988, 209
21. Bose, S., Stritzinger, M. D., Ashall, C., et al. (incl. **Hinkle, J. T.**) 2025, "Expanding the parameter space of 2002es-like type Ia supernovae: On the underluminous ASASSN-20jq/SN 2020qxp", *Astronomy and Astrophysics*, 699, A169
22. Do, A., Shappee, B. J., Tonry, J. L., et al. (incl. **Hinkle, J. T.**) 2025, "Hawaii Supernova Flows: A peculiar velocity survey using over a Thousand Supernovae in the near-infrared", *Monthly Notices of the Royal Astronomical Society*, 536, 624
23. Tucker, M. A., **Hinkle, J. T.**, Angus, C. R. et al. 2024, "The Extremely Metal-Poor SN 2023ufx: A Local Analog to High-Redshift Type II Supernovae", *The Astrophysical Journal*, 976, 178
24. Dong, Y., Valenti, S., Ashall, C., et al. (incl. **Hinkle, J. T.**) 2023, "Characterizing the Rapid Hydrogen Disappearance in SN 2022crv: Evidence of a Continuum between Type Ib and IIb Supernova Properties", *The Astrophysical Journal*, 974, 316

25. **Berger, V. L., **Hinkle, J. T.**, Tucker, M. A., et al. 2024, "Stellar Flares Are Far-Ultraviolet Luminous", *Monthly Notices of the Royal Astronomical Society*, 532, 4436

26. Pasham, D. R., Coughlin, E. R., Guolo, M., et al. (incl. **Hinkle, J. T.**) 2024, "A Potential Second Shutoff from AT2018fyk: An Updated Orbital Ephemeris of the Surviving Star under the Repeating Partial Tidal Disruption Event Paradigm", *The Astrophysical Journal*, 971, L31

27. **Hoogendam, W. B., **Hinkle, J. T.**, Shappee, B. J., et al. 2024, "Discovery and follow-up of ASASSN-23bd (AT 2023clx): the lowest redshift and luminosity optically selected tidal disruption event", *Monthly Notices of the Royal Astronomical Society*, 530, 4501

28. Gaidos, E., Thanathibodee, T., Hoffman, A., et al. (incl. **Hinkle, J. T.**) 2024, "The Dynamic, Chimeric Inner Disk of PDS 70", *The Astrophysical Journal*, 966, 167

29. Pasham, D. R., Tombesi, F., Sukova, P., et al. (incl. **Hinkle, J. T.**) 2024, "A Case for a Binary Black Hole System Revealed via Quasi-Periodic Outflows", *Science Advances*, 10, 13

30. Pearson, J., Sand, D. J., Lundqvist, P., et al. (incl. **Hinkle, J. T.**) 2024, "Strong Carbon Features and a Red Early Color in the Underluminous Type Ia SN 2022xkq", *The Astrophysical Journal*, ApJ, 960, 29

31. Ertini, K., Folatelli, G., Martinez, L., et al. (incl. **Hinkle, J. T.**)2023, "SN 2021gno: a calcium-rich transient with double-peaked light curves", *Monthly Notices of the Royal Astronomical Society*, 526, 279

32. **Treiber, H. P., **Hinkle, J. T.**, Fausnaugh, M. M., et al. 2023, "Revealing AGNs Through TESS Variability", *Monthly Notices of the Royal Astronomical Society*, 525, 5795

33. Desai, D. D., Ashall, C., Shappee, B. J., et al. (incl. **Hinkle, J. T.**) 2023, "Fast and not-so-furious: Case study of the fast and faint type IIb SN 2021bxu", *Monthly Notices of the Royal Astronomical Society*, 524, 767

34. Payne, A. V., Auchettl, K., Shappee, B. J., et al. (incl. **Hinkle, J. T.**) 2023, "Chandra, HST/STIS, NICER, Swift, and TESS Detail the Flare Evolution of the Repeating Nuclear Transient ASASSN -14ko", *The Astrophysical Journal*, 951, 134

35. Holoien, T. W.-S., Berger, V. L., **Hinkle, J. T.**, et al. 2023, "Examining the Properties of Low-luminosity Hosts of Type Ia Supernovae from ASAS-SN", *The Astrophysical Journal*, 950, 108

36. Neustadt, J. M. M., **Hinkle, J. T.**, Kochanek, C. S., et al. 2023, "Multiple flares in the changing-look AGN NGC 5273", *Monthly Notices of the Royal Astronomical Society*, 521, 3810

37. de Jaeger, T., Shappee, B. J., Kochanek, C. S., et al. (incl. **Hinkle, J. T.**) 2023, "Optical/γ-ray blazar flare correlations: understanding the high-energy emission process using ASAS-SN and Fermi light curves", *Monthly Notices of the Royal Astronomical Society*, 519, 6349

38. Tucker, M. A., Shappee, B. J., Huber, M. E., et al. (incl. **Hinkle, J. T.**) 2022, "The Spectroscopic Classification of Astronomical Transients (SCAT) Survey: Overview, Pipeline Description, Initial Results, and Future Plans", *Publications of the Astronomical Society of the Pacific*, 134, 124502

39. Jayasinghe, T., Thompson, T. A., Kochanek, C. S., et al. (incl. **Hinkle, J. T.**) 2022, "The 'Giraffe': discovery of a stripped red giant in an interacting binary with an 2 $M_\odot$ lower giant", *Monthly Notices of the Royal Astronomical Society*, 516, 5945

40. Liu, M. C., Magnier, E. A., Zhang, Z., et al. (incl. **Hinkle, J. T.**) 2022, "On the Unusual Variability of 2MASS J06195260-2903592: A Long-lived Disk around a Young Ultracool Dwarf", *The Astronomical Journal*, 164, 165

41. Holoien, T. W.-S., Neustadt, J. M. M., Vallely, P. J., et al. (incl. **Hinkle, J. T.**) 2022, "Investigating the Nature of the Luminous Ambiguous Nuclear Transient ASASSN-17jz", *The Astrophysical Journal*, 933, 196

42. Payne, A. V., Shappee, B. J., **Hinkle, J. T.**, et al. 2022, "The Rapid X-Ray and UV Evolution of ASASSN-14ko", *The Astrophysical Journal*, 926, 142

43. Tucker, M. A., Shappee, B. J., **Hinkle, J. T.**, et al. 2021, "An AMUSING look at the host of the periodic nuclear transient ASASSN-14ko reveals a second AGN", *Monthly Notices of the Royal Astronomical Society*, 506, 6014

44. Jayasinghe, T., Kochanek, C. S., Strader, J., et al. (incl. **Hinkle, J. T.**) 2021, "The loudest stellar heartbeat: characterizing the most extreme amplitude heartbeat star system", *Monthly Notices of the Royal Astronomical Society*, 506, 4083

45. Jayasinghe, T., Stanek, K. Z., Thompson, T. A., et al. (incl. **Hinkle, J. T.**) 2021, "A unicorn in monoceros: the 3 $M_{\odot}$ dark companion to the bright, nearby red giant V723 Mon is a non-interacting, mass-gap black hole candidate", *Monthly Notices of the Royal Astronomical Society*, 504, 2577

46. Payne, A. V., Shappee, B. J., **Hinkle, J. T.**, et al. 2021,"ASASSN-14ko is a Periodic Nuclear Transient in ESO 253-G003", *The Astrophysical Journal*, 910, 125

47. Holoien, T. W.-S., Auchettl, K., Tucker, M. A., et al. (incl. **Hinkle, J. T.**) 2020, "The Rise and Fall of ASASSN-18pg: Following a TDE from Early to Late Times", *The Astrophysical Journal*, 898, 161