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Positions held

Assistant Professor, Texas Tech University	2023–present
Research Scientist, Massachusetts Institute of Technology	2017–2023

Education

Ph.D., Astronomy, The Ohio State University	2017
M.S., Astronomy, The Ohio State University	2014
B.A., History of Math and Science, Philosophy. St. John's College, Santa Fe, NM	2011

Summary of Research Experience

9 first author papers, 101 papers total. 4,755 citations, *h*-index: 37
Research Supervisor for 3 graduate students and 6 undergraduates

Leadership Experience

NASA's TESS mission	
PI for accelerated TESS data release products (TICA)	2020–present
Leader of TESS Data Analysis Working Group	2018–present
Lead author of the TESS Data Release Notes	2018–2023
Organizer and Chair for AAS #235 session "TESS and Transient Science"	Jan 2020
Organizer and Chair for the New England Regional Quasar and AGN Meeting	May 2019
Lead for TESS Transients Research Group at MIT	2017–2023

Grants and Observing Proposals Awarded

Role	Facility	Science Area	Award	Year
PI	*NICER*	AGN	\$39k, 24ks	2024
PI	*TESS*	AGN	\$40k, 107ks *NICER* and *Swift*	2022
PI	*NICER*	AGN	\$44k, 80ks	2022
Co-I*	NOIRLab LCO 2m	Transients	1.0 nights	2022
Co-I	*TESS*	Transients	Follow-up	2022
Co-I	*TESS*	Transients	Follow-up	2021
Co-I	*NICER*	AGN	136ks	2019
Co-I	*Swift*	AGN	183ks	2019
Co-I	*TESS*	Transients	Follow-up	2019
Co-I	*HST*	AGN	13 orbits	2019

*Advised the graduate student PI

Invited Contributions

Member of *Roman Space Telescope* Community Survey Definition Committee	2023–present
Author for a *Nature Astronomy* "News and Views" article	June 2019

Seminars

1.	AAS 243 "Science from the TESS Extended Mission" Session.	2024
2.	TESS Mission Update Meeting #1, MIT.	2023
3.	Texas Tech University.	2023
4.	University of Mississippi.	2023
5.	Caltech Astronomy Tea Talk.	2023
6.	TESS Science Team Meeting #29, Harvard-Smithsonian CfA.	2022
7.	AAS 240 "Future Science with TESS" Splinter Session.	2022
8.	TESS Science Conference II, virtual meeting.	2021
9.	MAXI 10 Year Workshop, Tokyo Institute of Technology.	2020 (cancelled)
10.	Science Seminar, Northrop Grumman Space Systems.	2019
11.	Galaxy and Cosmology Seminar, Harvard-Smithsonian CfA.	2016
12.	CCAP Summer Seminar, The Ohio State University.	2016

Honors and Awards

MIT Infinite Expansion Award	May 2023
NASA Silver Achievement Medal for the TESS Team	Sept 2019
Ohio State Hayes Research Forum Prize, Oral Presentation	March 2017
Ohio State Markowitz Award for Excellence in Observational Astronomy	2016–2017
Ohio State Graduate School Presidential Fellow	2016–2017
St. John's College Award for Sustained Academic Excellence	May 2011
St. John's College ARIEL Internship	May 2011

Mentoring and Teaching

Research Supervision

Megan Cuevas	TTU Graduate Student (co-adv. Kupfer)	2023–present
Rahul Jayaraman	MIT Graduate Student (co-adv. Ricker)	2019–present
Akshata Krishnamurthy	MIT Graduate Student (co-adv. Vanderspek)	2019
Manan Agarwal	Birla Inst. of Tech./MIT (Post-Bac)	2020–2023
Jason Yang	MIT Undergraduate	2019–2022
Muhammad Abdullah	MIT Undergraduate	2021
Vicky Li	MIT Undergraduate	2021
Ally Hong	MIT Undergraduate	2019–2021
Nadia Dimitrova	MIT Undergraduate	2017

Teaching Associate, The Ohio State University	2012–2014
Head Laboratory Assistant, St. John's College	2009–2011

Professional Service

Referee for *Nature*, *Nature Astronomy*, *ApJ*, *MNRAS*, *Astronomy & Astrophysics*, *PASP*, and *Frontiers*	2016–present
Reviewer for NASA Roman Space Telescope Research and Support Panel	2023
Reviewer for MIT Kavli Fellowship/Torres Fellowship	2023

Organizer for Summer Undergraduate Research Symposium, MIT Kavli Institute	2021, 2022
Reviewer for Liverpool Telescope TAC	2021
Reviewer for NASA TESS Guest Investigator Panel	2020
Representative for Research Staff Career Path Committee, MIT Kavli Institute	2020

Selected Outreach

Member of Texas Tech Center for Outreach, Research, and Education	2023–present
Texas Tech Annular Eclipse Event. YWCA of Lubbock, TX	Oct 2023
MIT Independent Activities Period: Data Visualization Clinic and Hack Day	Jan 2020
MIT Independent Activities Period: Constellation Hunt with TESS Full Frame Images	Jan 2020
AAS #231: TESS Hyperwall Presentation	Jan 2018
Upper Arlington, OH: Library Summer Astronomy Series	June 2014, 2015, 2016
Ohio State Planetarium: Presented 2-4 planetarium shows per month.	2013–2016
Ohio State Planetarium, Scripted digital presentations in Starry Night.	2013–2015

- *OSU Planetarium Grand Reopening, The Sky Tonight.*
- *Journey through the Solar System.*
- *The Autumn Sky: Hidden Treasures.*

Observing Experience

Space-based 2018–2023

Transiting Exoplanet Survey Satellite

Monthly mission planning:

- Selected targets and guide stars
- Performed quality checks, diagnostics, and engineering validation
- Assessed spacecraft stability, instrument health, and data quality

Ground-based 2011–2016

Total:	119 nights	(81 queue, 38 classical)
Large Binocular Telescope:	54 nights	2013-2016
MDM 2.4m Hiltner:	24 nights	2012-2015
MDM 1.3m McGraw:	18 nights	2013-2014
CTIO SMARTS 1.3m:	16 nights	2015
VERITAS (γ-ray observatory):	7 nights	2011

Publications

First Author

1. 2023. "Four Years of Type Ia Supernovae Observed by TESS: Early-time Light-curve Shapes and Constraints on Companion Interaction Models," M. M. Fausnaugh et al. (13 authors), *The Astrophysical Journal*, 956:108.
2. 2021. "Early-time Light Curves of Type Ia Supernovae Observed with TESS," M. M. Fausnaugh et al. (22 authors), *The Astrophysical Journal*, 908:51.
3. 2021. "The TESS Mission Target Selection Procedure," Michael Fausnaugh et al. (64 authors), *Publications of the Astronomical Society of the Pacific*, 133:095002.

4. 2018. "Continuum Reverberation Mapping of the Accretion Disks in Two Seyfert 1 Galaxies," M. M. Fausnaugh et al. (72 authors), *The Astrophysical Journal*, 854:107.
5. 2017. "A New Approach to the Internal Calibration of Reverberation-Mapping Spectra," M. M. Fausnaugh, *Publications of the Astronomical Society of the Pacific*, 129:024007.
6. 2017. "Reverberation Mapping of Optical Emission Lines in Five Active Galaxies," M. M. Fausnaugh et al. (71 authors), *The Astrophysical Journal*, 840:97.
7. 2017. "Continuum Reverberation Mapping of AGN Accretion Disks," Michael M. Fausnaugh et al. (5 authors), *Frontiers in Astronomy and Space Sciences*, 4:55.
8. 2016. "Space Telescope and Optical Reverberation Mapping Project. III. Optical Continuum Emission and Broadband Time Delays in NGC 5548," M. M. Fausnaugh et al. (97 authors), *The Astrophysical Journal*, 821:56.
9. 2015. "The Cepheid distance to the maser-host galaxy NGC 4258: studying systematics with the Large Binocular Telescope," M. M. Fausnaugh et al. (6 authors), *Monthly Notices of the Royal Astronomical Society*, 450:3597.

Papers by Students

Directly advised first author.

10. 2023. "Revealing AGNs through TESS variability," Helena P. Treiber et al. (10 authors, including M. M. Fausnaugh), *Monthly Notices of the Royal Astronomical Society*, 525:5795.
11. 2023. "Searching for Gravitational-wave Counterparts Using the Transiting Exoplanet Survey Satellite," Geoffrey Mo et al. (6 authors, including M. M. Fausnaugh), *The Astrophysical Journal Letters*, 948:L3.

Major Contributing Author

Contributed analysis, reduced data, and/or wrote text

12. 2022. "The complex dynamical past and future of double eclipsing binary CzeV343: Misaligned orbits and period resonance," Ondřej Pejcha et al. (8 authors, including M. M. Fausnaugh), *Astronomy & Astrophysics*, 667:29.
13. 2022. "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," Daniel Huber et al. (53 authors, including M. M. Fausnaugh), *The Astronomical Journal*, 163:79.
14. 2020. "The Cepheid Distance to the Seyfert 1 Galaxy NGC 4151," W. Yuan et al. (18 authors, including M. M. Fausnaugh), *The Astrophysical Journal*, 902:26.
15. 2019. "An extreme amplitude, massive heartbeat system in the LMC characterized using ASAS-SN and TESS," T. Jayasinghe et al. (6 authors, including M. M. Fausnaugh), *Monthly Notices of the Royal Astronomical Society*, 489:4705.
16. 2018. "Velocity-resolved Reverberation Mapping of Five Bright Seyfert 1 Galaxies," G. De Rosa et al. (102 authors, including M. M. Fausnaugh), *The Astrophysical Journal*, 866:133.
17. 2017. "Space Telescope and Optical Reverberation Mapping Project. V. Optical Spectroscopic Campaign and Emission-line Analysis for NGC 5548," L. Pei et al. (156 authors, including M. M. Fausnaugh), *The Astrophysical Journal*, 837:131.

18. 2017. "Swift Monitoring of NGC 4151: Evidence for a Second X-Ray/UV Reprocessing," R. Edelson et al. (44 authors, including M. M. Fausnaugh), *The Astrophysical Journal*, 840:41.
19. 2015. "Spitzer Space Telescope Measurements of Dust Reverberation Lags in the Seyfert 1 Galaxy NGC 6418," Billy Vazquez et al. (25 authors, including M. M. Fausnaugh), *The Astrophysical Journal*, 801:127.

Contributing Author

Contributed analysis

20. 2023. "Chandra, HST/STIS, NICER, Swift, and TESS Detail the Flare Evolution of the Repeating Nuclear Transient ASASSN -14ko," Anna V. Payne et al. (12 authors, including M. M. Fausnaugh), *The Astrophysical Journal*, 951:134.
21. 2023. "TESS shines light on the origin of the ambiguous nuclear transient ASASSN-18el," Jason T. Hinkle et al. (14 authors, including M. M. Fausnaugh), *Monthly Notices of the Royal Astronomical Society*, 521:3517.
22. 2022. "The Curious Case of ASASSN-20hx: A Slowly Evolving, UV- and X-Ray-Luminous, Ambiguous Nuclear Transient," Jason T. Hinkle et al. (25 authors, including M. M. Fausnaugh), *The Astrophysical Journal*, 930:12.
23. 2021. "GRB 191016A: A Long Gamma-Ray Burst Detected by TESS," Krista Lynne Smith et al. (11 authors, including M. M. Fausnaugh), *The Astrophysical Journal*, 911:43.
24. 2021. "ASASSN-14ko is a Periodic Nuclear Transient in ESO 253-G003," Anna V. Payne et al. (27 authors, including M. M. Fausnaugh), *The Astrophysical Journal*, 910:125.
25. 2021. "High-cadence, early-time observations of core-collapse supernovae from the TESS prime mission," P. J. Vallely et al. (5 authors, including M. M. Fausnaugh), *Monthly Notices of the Royal Astronomical Society*, 500:5639.
26. 2020. "The ASAS-SN catalogue of variable stars VI: an all-sky sample of δ Scuti stars," T. Jayasinghe et al. (13 authors, including M. M. Fausnaugh), *Monthly Notices of the Royal Astronomical Society*, 493:4186.
27. 2019. "The New EXor Outburst of ESO-Hα 99 Observed by Gaia ATLAS and TESS," Klaus W. Hodapp et al. (14 authors, including M. M. Fausnaugh), *The Astronomical Journal*, 158:241.
28. 2019. "Discovery and Early Evolution of ASASSN-19bt, the First TDE Detected by TESS," Thomas W. -S. Holoien et al. (26 authors, including M. M. Fausnaugh), *The Astrophysical Journal*, 883:111.
29. 2019. "ASASSN-18tb: a most unusual Type Ia supernova observed by TESS and SALT," P. J. Vallely et al. (19 authors, including M. M. Fausnaugh), *Monthly Notices of the Royal Astronomical Society*, 487:2372.

TESS Exoplanets

Authorship acknowledges support of the TESS mission

30. 2023. "TOI-4600 b and c: Two Long-period Giant Planets Orbiting an Early K Dwarf," Ismael Mireles et al. (34 authors, including M. M. Fausnaugh), *The Astrophysical Journal Letters*, 954:L15.

31. 2023. "Two sub-Neptunes around the M dwarf TOI-1470," E. González-Álvarez et al. (53 authors, including M. M. Fausnaugh), *Astronomy & Astrophysics*, 675:21.
32. 2023. "A temperate Earth-sized planet with tidal heating transiting an M6 star," Merrin S. Peterson et al. (74 authors, including M. M. Fausnaugh), *Nature*, 617:701.
33. 2023. "A super-Earth and a mini-Neptune near the 2:1 MMR straddling the radius valley around the nearby mid-M dwarf TOI-2096," F. J. Pozuelos et al. (75 authors, including M. M. Fausnaugh), *Astronomy & Astrophysics*, 672:25.
34. 2023. "A full transit of v² Lupi d and the search for an exomoon in its Hill sphere with CHEOPS," D. Ehrenreich et al. (93 authors, including M. M. Fausnaugh), *Astronomy & Astrophysics*, 671:16.
35. 2023. "A sub-Neptune planet around TOI-1695 discovered and characterized with SPIRou and TESS," F. Kiefer et al. (42 authors, including M. M. Fausnaugh), *Astronomy & Astrophysics*, 670:28.
36. 2022. "Two temperate super-Earths transiting a nearby late-type M dwarf," L. Delrez et al. (85 authors, including M. M. Fausnaugh), *Astronomy & Astrophysics*, 667:31.
37. 2022. "The TESS-Keck Survey. XIII. An Eccentric Hot Neptune with a Similar-mass Outer Companion around TOI-1272," Mason G. MacDougall et al. (61 authors, including M. M. Fausnaugh), *The Astronomical Journal*, 164:97.
38. 2022. "A Mini-Neptune from TESS and CHEOPS Around the 120 Myr Old AB Dor Member HIP 94235," George Zhou et al. (39 authors, including M. M. Fausnaugh), *The Astronomical Journal*, 163:289.
39. Apr 2022. "A low-eccentricity migration pathway for a 13-h-period Earth analogue in a four-planet system," Luisa Maria Serrano et al. (50 authors, including M. M. Fausnaugh), *Nature Astronomy*, page p. 736-750.
40. 2022. "The TESS Faint-star Search: 1617 TOIs from the TESS Primary Mission," Michelle Kunimoto et al. (13 authors, including M. M. Fausnaugh), *The Astrophysical Journal Supplement Series*, 259:33.
41. 2022. "Investigating the architecture and internal structure of the TOI-561 system planets with CHEOPS, HARPS-N, and TESS," G. Lacedelli et al. (118 authors, including M. M. Fausnaugh), *Monthly Notices of the Royal Astronomical Society*, 511:4551.
42. 2022. "Complex Modulation of Rapidly Rotating Young M Dwarfs: Adding Pieces to the Puzzle," Maximilian N. Günther et al. (40 authors, including M. M. Fausnaugh), *The Astronomical Journal*, 163:144.
43. 2022. "TOI-1759 b: A transiting sub-Neptune around a low mass star characterized with SPIRou and TESS," E. Martioli et al. (60 authors, including M. M. Fausnaugh), *Astronomy & Astrophysics*, 660:39.
44. 2022. "Transit timings variations in the three-planet system: TOI-270," Laurel Kaye et al. (72 authors, including M. M. Fausnaugh), *Monthly Notices of the Royal Astronomical Society*, 510:5464.
45. 2022. "Discovery and mass measurement of the hot, transiting, Earth-sized planet, GJ 3929 b," J. Kemmer et al. (67 authors, including M. M. Fausnaugh), *Astronomy & Astrophysics*, 659:23.

46. 2021. "The TESS-Keck Survey. VI. Two Eccentric Sub-Neptunes Orbiting HIP-97166," Mason G. MacDougall et al. (48 authors, including M. M. Fausnaugh), *The Astronomical Journal*, 162:265.
47. 2021. "A Uniform Search for Nearby Planetary Companions to Hot Jupiters in TESS Data Reveals Hot Jupiters Are Still Lonely," Benjamin J. Hord et al. (15 authors, including M. M. Fausnaugh), *The Astronomical Journal*, 162:263.
48. 2021. "TESS Data for Asteroseismology: Photometry," Rasmus Handberg et al. (15 authors, including M. M. Fausnaugh), *The Astronomical Journal*, 162:170.
49. 2021. "A large sub-Neptune transiting the thick-disk M4 V TOI-2406," R. D. Wells et al. (74 authors, including M. M. Fausnaugh), *Astronomy & Astrophysics*, 653:17.
50. 2021. "TIC 172900988: A Transiting Circumbinary Planet Detected in One Sector of TESS Data," Veselin B. Kostov et al. (88 authors, including M. M. Fausnaugh), *The Astronomical Journal*, 162:234.
51. 2021. "TOI-1278 B: SPIRou Unveils a Rare Brown Dwarf Companion in Close-in Orbit around an M Dwarf," Étienne Artigau et al. (42 authors, including M. M. Fausnaugh), *The Astronomical Journal*, 162:144.
52. 2021. "The TESS Objects of Interest Catalog from the TESS Prime Mission," Natalia M. Guerrero et al. (105 authors, including M. M. Fausnaugh), *The Astrophysical Journal Supplement Series*, 254:39.
53. 2021. "TOI-811b and TOI-852b: New Transiting Brown Dwarfs with Similar Masses and Very Different Radii and Ages from the TESS Mission," Theron W. Carmichael et al. (33 authors, including M. M. Fausnaugh), *The Astronomical Journal*, 161:97.
54. 2021. "A nearby transiting rocky exoplanet that is suitable for atmospheric investigation," T. Trifonov et al. (69 authors, including M. M. Fausnaugh), *Science*, 371:1038.
55. 2021. "HD 219134 Revisited: Planet d Transit Upper Limit and Planet f Transit Nondetection with ASTERIA and TESS," Sara Seager et al. (41 authors, including M. M. Fausnaugh), *The Astronomical Journal*, 161:117.
56. 2020. "The Multiplanet System TOI-421," Ilaria Carleo et al. (113 authors, including M. M. Fausnaugh), *The Astronomical Journal*, 160:114.
57. 2020. "HD 191939: Three Sub-Neptunes Transiting a Sun-like Star Only 54 pc Away," Mariona Badenas-Agusti et al. (41 authors, including M. M. Fausnaugh), *The Astronomical Journal*, 160:113.
58. 2020. "KELT-25 b and KELT-26 b: A Hot Jupiter and a Substellar Companion Transiting Young A Stars Observed by TESS," Romy Rodríguez Martínez et al. (92 authors, including M. M. Fausnaugh), *The Astronomical Journal*, 160:111.
59. 2020. "A remnant planetary core in the hot-Neptune desert," David J. Armstrong et al. (95 authors, including M. M. Fausnaugh), *Nature*, 583:39.
60. 2020. "TESS Data for Asteroseismology: Timing Verification," Carolina von Essen et al. (14 authors, including M. M. Fausnaugh), *The Astronomical Journal*, 160:34.
61. 2020. "Three short-period Jupiters from TESS. HIP 65Ab, TOI-157b, and TOI-169b," L. D. Nielsen et al. (77 authors, including M. M. Fausnaugh), *Astronomy & Astrophysics*, 639:17.

62. 2020. "TOI-132 b: A short-period planet in the Neptune desert transiting a V = 11.3 G-type star," Matías R. Díaz et al. (52 authors, including M. M. Fausnaugh), *Monthly Notices of the Royal Astronomical Society*, 493:973.
63. 2020. "Stellar Flares from the First TESS Data Release: Exploring a New Sample of M Dwarfs," Maximilian N. Günther et al. (25 authors, including M. M. Fausnaugh), *The Astronomical Journal*, 159:60.
64. 2019. "Hot, rocky and warm, puffy super-Earths orbiting TOI-402 (HD 15337)," Xavier Dumusque et al. (33 authors, including M. M. Fausnaugh), *Astronomy & Astrophysics*, 627:22.
65. 2019. "TESS Hunt for Young and Maturing Exoplanets (THYME): A Planet in the 45 Myr Tucana-Horologium Association," Elisabeth R. Newton et al. (52 authors, including M. M. Fausnaugh), *The Astrophysical Journal Letters*, 880:L17.
66. Jul 2019. "A super-Earth and two sub-Neptunes transiting the nearby and quiet M dwarf TOI-270," Maximilian N. Günther et al. (60 authors, including M. M. Fausnaugh), *Nature Astronomy*, page p. 1099-1108.
67. 2019. "WASP-4b Arrived Early for the TESS Mission," L. G. Bouma et al. (24 authors, including M. M. Fausnaugh), *The Astronomical Journal*, 157:217.
68. 2019. "TESS Discovery of an Ultra-short-period Planet around the Nearby M Dwarf LHS 3844," Roland Vanderspek et al. (73 authors, including M. M. Fausnaugh), *The Astrophysical Journal Letters*, 871:L24.
69. 2018. "TESS Discovery of a Transiting Super-Earth in the pi Mensae System," Chelsea X. Huang et al. (66 authors, including M. M. Fausnaugh), *The Astrophysical Journal Letters*, 868:L39.

AGN STORM

Co-I status

70. 2021. "Space Telescope and Optical Reverberation Mapping Project. IX. Velocity-Delay Maps for Broad Emission Lines in NGC 5548," Keith Horne et al. (155 authors, including M. M. Fausnaugh), *The Astrophysical Journal*, 907:76.
71. 2020. "Space Telescope and Optical Reverberation Mapping Project. XII. Broad-line Region Modeling of NGC 5548," P. R. Williams et al. (158 authors, including M. M. Fausnaugh), *The Astrophysical Journal*, 902:74.
72. 2020. "Space Telescope and Optical Reverberation Mapping Project. XI. Disk-wind Characteristics and Contributions to the Very Broad Emission Lines of NGC 5548," M. Dehghanian et al. (25 authors, including M. M. Fausnaugh), *The Astrophysical Journal*, 898:141.
73. 2019. "Space Telescope and Optical Reverberation Mapping Project. X. Understanding the Absorption-line Holiday in NGC 5548," M. Dehghanian et al. (30 authors, including M. M. Fausnaugh), *The Astrophysical Journal*, 877:119.
74. 2019. "Space Telescope and Optical Reverberation Mapping Project. VIII. Time Variability of Emission and Absorption in NGC 5548 Based on Modeling the Ultraviolet Spectrum," G. A. Kriss et al. (167 authors, including M. M. Fausnaugh), *The Astrophysical Journal*, 881:153.
75. 2017. "Space Telescope and Optical Reverberation Mapping Project. VII. Understanding the Ultraviolet Anomaly in NGC 5548 with X-Ray Spectroscopy," S. Mathur et al. (150 authors, including M. M. Fausnaugh), *The Astrophysical Journal*, 846:55.

76. 2017. "Space Telescope and Optical Reverberation Mapping Project.VI. Reverberating Disk Models for NGC 5548," D. Starkey et al. (93 authors, including M. M. Fausnaugh), *The Astrophysical Journal*, 835:65.
77. 2016. "Space Telescope and Optical Reverberation Mapping Project. IV. Anomalous Behavior of the Broad Ultraviolet Emission Lines in NGC 5548," M. R. Goad et al. (101 authors, including M. M. Fausnaugh), *The Astrophysical Journal*, 824:11.
78. 2015. "Space Telescope and Optical Reverberation Mapping Project. II. Swift and HST Reverberation Mapping of the Accretion Disk of NGC 5548," R. Edelson et al. (50 authors, including M. M. Fausnaugh), *The Astrophysical Journal*, 806:129.
79. 2015. "Space Telescope and Optical Reverberation Mapping Project.I. Ultraviolet Observations of the Seyfert 1 Galaxy NGC 5548 with the Cosmic Origins Spectrograph on Hubble Space Telescope," G. De Rosa et al. (50 authors, including M. M. Fausnaugh), *The Astrophysical Journal*, 806:128.

AGN Miscellaneous

Co-I status

80. 2023. "Continuum Reverberation Mapping of Mrk 876 over Three Years with Remote Robotic Observatories," Jake A. Miller et al. (12 authors, including M. M. Fausnaugh), *The Astrophysical Journal*, 953:137.
81. 2021. "The Cepheid Distance to the Narrow-line Seyfert 1 Galaxy NGC 4051," W. Yuan et al. (18 authors, including M. M. Fausnaugh), *The Astrophysical Journal*, 913:3.
82. 2020. "On reverberation mapping lag uncertainties," Z. Yu et al. (8 authors, including M. M. Fausnaugh), *Monthly Notices of the Royal Astronomical Society*, 491:6045.
83. 2019. "The first spectroscopic dust reverberation programme on active galactic nuclei: the torus in NGC 5548," H. Landt et al. (19 authors, including M. M. Fausnaugh), *Monthly Notices of the Royal Astronomical Society*, 489:1572.
84. 2019. "Anomalous behaviour of the UV-optical continuum bands in NGC 5548," M. R. Goad et al. (11 authors, including M. M. Fausnaugh), *Monthly Notices of the Royal Astronomical Society*, 486:5362.
85. 2019. "The First Swift Intensive AGN Accretion Disk Reverberation Mapping Survey," R. Edelson et al. (35 authors, including M. M. Fausnaugh), *The Astrophysical Journal*, 870:123.
86. 2018. "X-ray/UV/optical variability of NGC 4593 with Swift: reprocessing of X-rays by an extended reprocessor," I. M. McHardy et al. (28 authors, including M. M. Fausnaugh), *Monthly Notices of the Royal Astronomical Society*, 480:2881.
87. 2017. "The Structure of the Broad-line Region in Active Galactic Nuclei. II. Dynamical Modeling of Data From the AGN10 Reverberation Mapping Campaign," C. J. Grier et al. (7 authors, including M. M. Fausnaugh), *The Astrophysical Journal*, 849:146.
88. 2015. "Swift/UVOT Grism Monitoring of NGC 5548 in 2013: An Attempt at MgII Reverberation Mapping," E. M. Cackett et al. (7 authors, including M. M. Fausnaugh), *The Astrophysical Journal*, 810:86.
89. 2014. "The Typecasting of Active Galactic Nuclei: Mrk 590 no Longer Fits the Role," K. D. Denney et al. (12 authors, including M. M. Fausnaugh), *The Astrophysical Journal*, 796:134.

Spitzer Microlensing Campaign

Contributed observations

90. 2017. "Ground-based Parallax Confirmed by Spitzer: Binary Microlensing Event MOA-2015-BLG-020," Tianshu Wang et al. (91 authors, including M. M. Fausnaugh), *The Astrophysical Journal*, 845:129.
91. 2017. "OGLE-2015-BLG-1482L: The First Isolated Low-mass Microlens in the Galactic Bulge," S. -J. Chung et al. (42 authors, including M. M. Fausnaugh), *The Astrophysical Journal*, 838:154.
92. 2017. "Toward a Galactic Distribution of Planets. I. Methodology and Planet Sensitivities of the 2015 High-cadence Spitzer Microlens Sample," Wei Zhu et al. (40 authors, including M. M. Fausnaugh), *The Astronomical Journal*, 154:210.
93. 2017. "OGLE-2015-BLG-0196: Ground-based Gravitational Microlens Parallax Confirmed by Space-based Observation," C. Han et al. (26 authors, including M. M. Fausnaugh), *The Astrophysical Journal*, 834:82.
94. 2016. "The First Simultaneous Microlensing Observations by Two Space Telescopes: Spitzer and Swift Reveal a Brown Dwarf in Event OGLE-2015-BLG-1319," Y. Shvartzvald et al. (99 authors, including M. M. Fausnaugh), *The Astrophysical Journal*, 831:183.
95. 2016. "OGLE-2015-BLG-0479LA,B: Binary Gravitational Microlens Characterized by Simultaneous Ground-based and Space-based Observations," C. Han et al. (68 authors, including M. M. Fausnaugh), *The Astrophysical Journal*, 828:53.
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