

Publication list

Alec Nicholas Martin

Graduate Research Assistant | PhD Candidate
University of Missouri – Columbia

First Author

- [3] **Martin, A.**, Guo, Y., Dekel, A., et al. 2024, *Physical Properties of UV and IR – Bright Clumps at $0.5 < z < 5$* . **Manuscript in preparation.**
- [2] **Martin, A.**, Guo, Y., Dekel, A., et al. 2024, *Exploring the Detection Capabilities of High Redshift UV and IR Bright Clumps with HST and JWST*. **Manuscript in preparation.**
- [1] **Martin, A.**, Guo, Y., Wang, X., et al. 2023, *UV-bright Star-forming Clumps and Their Host Galaxies in UVCANDELS at $0.5 \leq z \leq 1$* , ApJ, 955, 106, doi: 10.3847/1538-4357/aced3e

Co-authorship

- [7] Soto, Emmaris, de Mello, Duilia F., **Martin, Alec**, et al., *Investigating the connection of AGNs and star-formation in Clumpy spirals at $0.5 < z < 1$* . **Manuscript in preparation.**
- [6] Mehta, V., Rafelski, M., Sunnquist, B., et al. (including **Martin, A.**) 2024, UVCANDELS: Catalogs of photometric redshifts and galaxy physical properties, Submitted to ApJS, doi: arXiv:2410.16404
- [5] Kuhn, V., Guo, Y., **Martin, A.**, et al. 2024, *JWST Reveals a Surprisingly High Fraction of Galaxies Being Spiral-like at $0.5 \leq z \leq 4$* , ApJL, 968, L15, doi: 10.3847/2041-8213/ad43eb
- [4] Sun, L., Wang, X., Teplitz, H., et al. (including **Martin, A.**) 2023, *The UV luminosity function at $0.6 < z < 1$ from UVCANDELS*, ApJ, 972, 8, doi: 10.3847/1538-4357/ad5540
- [3] Wang, X., Teplitz H., Smith, B., et al. (including **Martin, A.**) 2023, *The Lyman Continuum Escape Fraction of Star-forming Galaxies at $2.4 \leq z \leq 3.7$ from UVCANDELS*, Submitted to ApJ, doi: 10.48550/arXiv.2308.09064
- [2] Sattari, Z., Mobasher, B., Chartab, N., et al. (including **Martin, A.**) 2023, *Fraction of Clumpy Star-Forming Galaxies at $0.5 \leq z \leq 3$ in UVCANDELS: Dependence on Stellar Mass and Environment*, ApJ, 951, 147, doi: 10.3847/1538-4357/acd5d61285
- [1] Pharo, J., Guo, Y., Barro, G., et al. (including **Martin, A.**) 2022, *The Dwarf Galaxy Population at $z \sim 0.7$: A Catalog of Emission Lines and Redshifts from Deep Keck Observations*, ApJS 261 12, doi: 10.3847/1538-4365/ac6cdf