

## Khunanon Thongkham

---

CONTACT INFORMATION	125 SW 5th Terrace Gainesville, FL 32601	(352) 215-8238, +66829710238 flukekhunanon@gmail.com kthongkham@ufl.edu
EDUCATION	<b>University of Florida, Gainesville, FL USA</b> <b>Ph.D.</b> Astronomy, Aug 2024 <b>M.S.</b> Astronomy, May 2022  Thesis title: <i>The Massive and Distant Clusters of WISE Survey 2</i> Advisor: Professor Anthony Gonzalez  <b>University of Colorado at Boulder, Boulder, CO USA</b> <b>B.A.</b> Physics, May 2019 <b>B.A.</b> Astronomy, May 2019	
RESEARCH INTEREST	Galaxy cluster detection with optical and infrared photometry, galaxy cluster evolution, multiwavelength study of galaxy cluster and its components, galaxy cluster cosmology, galaxy evolution	
PROPOSALS	<b>Co-Investigator on Palomar Proposal</b>  WIRC Imaging of $z \approx 2$ Galaxy Cluster Candidates from WISE PI: Peter Eisenhardt 2024A, 2024B  <b>Co-Investigator on Magellan Proposal</b>  Moo Two: Letting MaDCoWS 2 Out of the Barn PI: Thomas Connor 2023B, 2024A  <b>Co-Investigator on GTC Proposal</b>  Confirmation of $z \approx 2$ Galaxy Clusters from MaDCoWS2 PI: Anthony Gonzalez 2022B  <b>Co-Investigator on GBT Proposal</b>  MUSTANG-2 Observations of the Highest-Richness MaDCoWS Clusters at $0.8 < z < 1.6$ PI: Mark Brodwin 2020B	
MENTORING	<b>University of Florida, Gainesville, FL</b> <ul style="list-style-type: none"><li>• Undergraduate Student: Ryan Spivey (University of Florida, Spring 2024)</li><li>• Undergraduate Student: Shambhavi Srivastava (University of Arizona, summer 2023)</li></ul>	

PRESENTATIONS  
POSTERS

*Massive and Distant Clusters of WISE Survey 2 preliminary result* , Talk, 2022 GTC VII MEETING, online. (May 2022)

*Massive and Distant Clusters of WISE Survey 2*, Poster, Galaxy Clusters 2022 STScI Spring Symposium, online. (Apr 2022)

PUBLICATIONS

1. *The Massive and Distant Clusters of WISE Survey 2: Second Data Release*  
**Thongkham, K.**, et al, 2024, ApJ, submitted
2. *The Massive and Distant Clusters of WISE Survey 2: A Stacking Analysis Investigating the Evolution of Star Formation Rates and Stellar Masses in Groups and Clusters*  
Trudeau, A., et al, 2024, ApJ, 972, 1, 27 (arXiv:2406.03633)
3. *The Massive and Distant Clusters of WISE Survey 2: Equatorial First Data Release*  
**Thongkham, K.**, et al, 2024, ApJ, 967, 2, 123 (arXiv:2403.16976)
4. *The Massive and Distant Clusters of WISE Survey XI: Stellar Mass Fractions and Luminosity Functions of MaDCoWS Clusters at  $z \approx 1$*   
Decker, B., et al, 2020, ApJ, 936, 1, 71 (arXiv:2112.12239)
5. *The Massive and Distant Clusters of WISE Survey. X. Initial Results from a Sunyaev-Zeldovich Effect Study of Massive Galaxy Clusters at  $z > 1$  Using MUSTANG2 on the GBT*  
Dicker, S., et al, 2020, ApJ, 902, 2, 144 (arXiv:2006.06703)