

Kaila Ronayne

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 (LinkedIn)  (Github) (Personal Website)

Research Interests	Observational astronomy, high z universe, galaxy-formation, galaxy cluster, proto-clusters, star formation, star formation history, galaxy evolution	
Education	PhD Astronomy <i>Astrostatistics Track</i> Texas A&M University, College Station, TX Advisor: Casey Papovich	Expected Graduation: Aug-2027 GPA: 4.0
	B.S Aerospace Engineering <i>Minors in Astrophysics and Mathematics</i> Texas A&M University, College Station, TX	Graduated: Dec-2021 GPA: 3.2
Research Appointments	<i>Graduate Student</i> Texas A&M University Department of Physics and Astronomy Advisor: Casey Papovich	Jan 2022 - Present
	<i>Assistant Researcher</i> Texas A&M University Department of Physics and Astronomy Co-Investigators: Casey Papovich and Guang Yang	Aug 2020 - Dec 2021
	<i>Assistant Researcher</i> Texas A&M University Department of Aerospace Engineering Research Group: SpaceCRAFT Advisor: Gregory E. Chamitoff	May 2018 - May 2019
Internships	<i>Airworthiness Intern</i> Lockheed Martin, Fort Worth, TX <ul style="list-style-type: none">Used software skills to optimize current data analysis methods. Aim was to improve previous methods of data processing to increase efficiency of work on the airworthiness team, as well as the chief engineers office.	May 2021 - Dec 2021
Publications	Co-Author: <ul style="list-style-type: none">A Long Time Ago in a Galaxy Far, Far Away: A Candidate $z \sim 14$ Galaxy in Early JWST CEERS Imaging; Finkelstein et al 2022A dusty starburst masquerading as an ultra-high redshift galaxy in JWST CEERS observations; Zavala et al 2022	
Awards	<ul style="list-style-type: none">Avilés-Johnson Doctoral FellowshipNASA/ Texas Space Grant Consortium FellowshipCollege of Engineering Student Scholarship	Jan 2022 - Aug 2027 2022 - 2023 2017 - 2020

Leadership	Astronomy on Tap (AoT) BCS	Position Held: Treasurer
Mentorship	Graduate Student Mentor Mentoring And Advising Graduates In An Inclusive Community (MAGIC)	2022-2023
Talks Given	Science: <ul style="list-style-type: none"> • Texas A&M Astro-symposium 	August-18-2022
Programming	<ul style="list-style-type: none"> • Languages: Fluent: Python, LaTeX Experience: MATLAB, Robot C, Visual Basic for Applications (VBA), Linux, bash, R, html 	
References	<ul style="list-style-type: none"> • Casey Papovich <ul style="list-style-type: none"> – Email: papovich@tamu.edu – Relationship: Research Advisor • Guang Yang <ul style="list-style-type: none"> – Email: gyang206265@gmail.com – Relationship: Research Advisor • Rebecca Russell <ul style="list-style-type: none"> – Email: rebecca.l.russell@lmco.com – Relationship: Reported to Rebecca temporarily during internship 	