

Tayler Wiederhold

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EDUCATION	Master of Science, Quantum Computing	University of Wisconsin, Madison WI Current GPA: N/A Expected Graduation: 2027
	Bachelor of Science, Physics Emphasis: Astronomy Minor: Mathematics	University of Missouri, Columbia MO Cumulative GPA: 3.58 Graduation Date: May, 2026
AWARDS	McNair Scholar Doris B Meritt Scholarship Commitment to Sustainability, MACURH, RLC Residential Halls Association Bronze Pin Undergraduate Research S.T.A.R. Mark Twain 1 NR Scholarship College of Arts and Science Dean's List	2025-26 School Year 2025-26 School Year Oct 2024 Feb 2024, Dec 2024 Fall 2023 Fall 2023-May 2026 Fall 2023, Spring 2025, Fall 2025, Spring 2026
PROFESSIONAL DEVELOPMENT	Wisconsin Summer School in Quantum Science University of Wisconsin-Madison Department of Physics	May 2026 Madison, WI
	McNair Scholars Conference 2026 University of Missouri McNair Celebration Poster Presentation: <i>Studying Globular Clusters in a Pair of Dwarf Galaxies Resolved by the James Webb Space Telescope</i> Auth: Tayler Wiederhold, Dr. Haojing Yan, Dr. Bangzheng Sun Oral Presentation: <i>Studying Globular Clusters in a Dwarf Galaxy Observed by the James Webb Space Telescope</i> Auth: Tayler Wiederhold, Dr. Haojing Yan, Dr. Bangzheng Sun	Apr, 2026 Columbia, MO
	CU*IP 2026 APS Conferences for Undergraduate Women and Gender Minorities Poster Presentation: <i>Studying Globular Clusters in a Galaxy Resolved by the James Webb Space Telescope</i> Auth: Tayler Wiederhold, Dr. Haojing Yan, Bangzheng Sun	Mar, 2026 Denver, CO
	Mid-American Regional Astrophysics Conference (MARAC) The University of Kansas at the University of Missouri	Dec 2025 Columbia, MO
	CU*IP at Fermilab APS Conferences for Undergraduate Women and Gender Minorities	Jan 2025 Batavia, IL
	Physics and Astronomy Scholars Conference Mizzou Physics and Astronomy Department	Nov 2024 Columbia, MO
EXPERIENCE	Undergraduate Research <i>University of Missouri Physics and Astronomy Department</i> - Programs used, Python, SExtractor, DS9, Topcat, Photutils, AstroImageJ - Interests: Star Formation, Galaxy and Star Evolution, Star-burst Galaxies	Jan 2025 - Aug 2026 Columbia, MO
	Resident Advisor <i>Residential Life, University of Missouri</i> - Meet with residents to relay hall/campus/community information - Help maintain security of residence halls while students are present - Attend weekly staff meetings and work with supervisors and other staff	Aug 2024 - May 2025 Columbia, MO
	Camps and Conferences Assistant <i>Residential Life, University of Missouri</i> - Welcome and check-in/out guests to the residence halls on campus for a variety of activities - Attend weekly meetings to go over updates and what groups will be staying with us that week	May 2025 - Aug 2025 Columbia, MO

	Arcade Employee <i>Witches and Wizards Arcade & Tokyo Club, Arcade District</i> - Open and close arcade buildings at appropriate times, making sure to follow proper security practices - Hand out wrist bands and check IDs when serving alcohol	July 2025 - Nov 2025 Columbia, MO
	Checker <i>Hy-Vee</i> - Ringing up and bagging groceries for each customer's order	Feb 2026 - May 2026 Columbia, MO
	Checker/Manager/Customer Service <i>Schnucks on Forum</i> - Ringing up customer's orders and applying rewards balances - Greet every customer and assist when the task required - Close all registers and deposit tills and checks processed at store close	May 2026 - Aug 2026 Columbia, MO
	Customer Service Clerk <i>Hy-Vee</i> - Process refunds and money orders for customers - Process mailing packages brought by customers	Aug 2026 - Present Madison, WI
LEADERSHIP & INVOLVEMENT	Mizzou Women in Physics and Astronomy (MOWiPA) Vice President <i>University of Missouri Physics and Astronomy Department</i> - Plan meetings and outreach events to recruit women and gender minorities - Provide a safe space for women and gender minorities within the physics department	May 2025 - May 2026 Columbia, MO
	Beater <i>Kansas City Stampede, Major League Quadball</i>	May 2025 - Aug 2026 Kansas City, MO
	National Communications Coordinator (NCC) <i>Mizzou Residential Halls Association (RHA), University of Missouri</i> - Represent Mizzou's RHA on the regional and national level - Organized a nomination and a bid for an on-campus organization to receive regional recognition	Mar 2024 - Dec 2024 Columbia, MO
	EDI Committee Chair / Member <i>Alpha Omega Epsilon, Beta Zeta Chapter</i> - Scheduled presentations for the sorority on a variety of EDI topics, utilizing on-campus center aids	Nov 2023 - May 2026 Columbia, MO
	HawLeWood Hall Government President / Representative <i>Mizzou Residential Halls Association (RHA) , University of Missouri</i> - Represented HLW Halls through bi-weekly campus RHA meetings - Planned and executed a variety of student involvement and interactive events within the HLW halls	Sept 2023 - Mar 2024 Columbia, MO
	Beater <i>Mizzou Club Quadball, University of Missouri</i>	Aug 2023 - May 2026 Columbia, MO