

Jackson B Lancaster

Postgraduate Research Assistant

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Education	Bachelor of Science in Biology	2021-2025
	University of Oklahoma	
	High School Diploma	2016-2021
	Norman North High School	
Research Career	Undergraduate Researcher University of Oklahoma / Supervisor: Dr Yuanning Feng 冯元宁	2023-Now
Skills and Techniques	Medical experience / Knowledgeable in Medical Terminology Laboratory Skills: Development of Organic Synthesis, NMR Spectroscopic Analysis, Column Chromatography, Recrystallization, Literature Writing.	
Awards and Scholarships	Undergraduate Poster Award	2024
	University of Oklahoma Departmental Showcase	
	Distinguished Scholar Scholarship	2021
	University of Oklahoma	
	Graduation with Honors - Summa Cum Laude	2025
	University of Oklahoma	
Publications	1 Liuzzi-Vaamonde, M. A.; Lancaster, J. B. ; Mason, S. A.; Feng, Y.* Piling up Multidecker Pyrgos[n]cages as Antibacterial Materials. <i>Sci. China Mater.</i> 2024 , 67, https://doi.org/10.1007/S40843-024-3108-5	
Service	Student Executive Committee	2023-Now
	University of Oklahoma Food Pantry	
	Student Executive Fundraising Committee	2017-2018
	Norman North SPUD Charity	
	Student Executive committee	2021-2024
	High School Leadership Conference	
Poster Presentations	The 80th American Chemistry Society Southwest Regional Meeting	
	October 2024 / Waco Conference Center / Waco / Texas / United States	
	Mason, S. A.#; Lancaster, J. B. #; Lim, A. J.#; Feng, Y.* Alkoxy-Substituted Quadrupolar Fluorescent Dyes	
	Department of Chemistry and Biochemistry Research Showcase	
	August 2024 / University of Oklahoma / Norman / Oklahoma / United States	
	Mason, S. A.#; Lancaster, J. B. #; Lim, A. J.#; Feng, Y.* Alkoxy-Substituted Quadrupolar Fluorescent Dyes	

Poster	The 2nd North American Supramolecular Chemistry Meeting
Presentations	December 2023 / Loyola University / New Orleans / Louisiana / United States
(Continued)	Mason, S. A.#; Chapel, N. P.#; Lancaster, J. B.# ; Feng, Y.* A Molecular Replication Process Drives Supramolecular Polymerization
Oral	Invited Talk by the OU Math Club at the University of Oklahoma
Presentations	March 2023 / University of Oklahoma / Norman / Oklahoma / United States
	Feng, Y.; Lancaster, J. B. ; Yu, H. Tying the Tiniest Knot and Weaving the Thinnest Fabric
Conferences	The 80th American Chemistry Society Southwest Regional Meeting
Attended	October 2024 / Waco Conference Center / Waco / Texas / United States
	The 2nd North American Supramolecular Chemistry Meeting
	December 2023 / Loyola University / New Orleans / Louisiana / United States
References	Dr Yuanning Feng 冯元宁 / Undergraduate Research Supervisor Department of Chemistry and Biochemistry / University of Oklahoma 101 Stephenson Parkway / Norman / Oklahoma 73019 / United States Email: yf@ou.edu