

Josie K. Welker

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Education:	Bachelor of Sciences, Chemistry Monmouth College, Monmouth, Illinois GPA: 3.444/4.0	May 2021
Honors Awards:	President's Scholarship of \$24,673 per year Monmouth College's Dean's List Academic All Conference for Track and Field	Fall 2017/2019 and Spring 2020 Fall 2017-Present
Presentations:	"Enzymatic Oxidation of Biophenols" Doc Kieft Summer Research Presentation, Monmouth, IL "Enzymatic Oxidation of Biophenols" Illinois-Iowa Local ACS Section Conference, Davenport, IA	July 2019 October 2019
Research:	Monmouth College Undergraduate Researcher Monmouth College, Monmouth Illinois Research Advisor: Dr. Bradley E. Sturgeon <ul style="list-style-type: none">Conduct environmentally focused chemistry researchIsolate the ovoperoxidase in sea urchinsEnzymatically oxidize HPAChemically oxidize oxybenzone Summer Stevens Research Fellowship Program University of Missouri, Columbia Missouri Research Advisor: Dr. Wes Bernskoetter	Spring 2018-Present 2020 (cancelled due to COVID)
Experience:	Audio/Visual Technician <ul style="list-style-type: none">Set up and test audio and visual equipment for faculty and guest presenters General Chemistry Laboratory Teaching Assistant <ul style="list-style-type: none">Answer questions from the general chemistry students Inorganic Chemistry Laboratory Teaching Assistant <ul style="list-style-type: none">Prepare materials for each laboratory periodGrade laboratory notebooks from upper-level chemistry students Orientation Leader <ul style="list-style-type: none">Guided incoming students through summer and fall orientation First Year Mentor <ul style="list-style-type: none">Run orientation activities and teach two Liberal Arts classes	Spring 2017-Present Fall 2019 Spring 2020 Summer-Fall 2018 Summer-Fall 2019
Leadership:	Monmouth College NCAA Athlete Track and Field Alpha Lambda Delta Honor Society Kappa Kappa Gamma Women's Fraternity <ul style="list-style-type: none">New Member Director (Spring 2019-Fall 2020) Students for Environmental Awareness <ul style="list-style-type: none">Vice President (Fall 2019-Spring 2020) Blue Key Honor Society <ul style="list-style-type: none">Vice President (Fall 2019-Spring 2020) Mortar Board Honor Society Order of Omega Honor Society <ul style="list-style-type: none">Vice President (Fall 2019-Spring 2020) American Chemical Society	Fall 2017-Present Fall 2017-Present Spring 2018-Present Fall 2018-Present Spring 2019-Present Spring 2019-Present Fall 2019-Present Fall 2019-Present