

EMMA WALLENS

BS, Health Sciences, Purdue University (2019); MSSA and MPH, McGill University (2022)

What have you been doing since the publication of your article in JPUR, volume 8?

Since graduating from Purdue, I have completed a master's of science in Social Administration and a master's of Public Health at Case Western University, with my final capstone project focusing on psychosocial and comorbid factors affecting time from arrival to inpatient chemotherapy at the Louis Stokes Veterans Affairs hospital. I am currently a Cancer Epidemiology PhD student at McGill, studying the impacts of SAS-CoV-2 on cervical cancer incidence, survivorship, and treatment.

What are your career goals?

My general aspiration is to work in a large hospital system (preferably one specializing in oncology) as a cancer epidemiologist in research focused on survivorship and quality patient care. I pursued an MSSA in addition to an MPH to gain a more holistic approach to understanding issues that affect patients, survivors, and treatment overall.

How did the research you did as an undergraduate at Purdue impact your current endeavors? What is the value of undergraduate research?

The research I did as an undergraduate provided invaluable guidance in critical thinking, collaboration, written and oral communication, as well as exposure to cross-disciplinary projects throughout the College of Health and Human Sciences through the Honors Research Program. Throughout my time at Purdue, I participated in lab meetings, presented findings in informal and formal settings, and networked with other students and faculty. This made navigating professional/ extracurricular team endeavors in both social work and public health settings a more familiar process throughout my time during my master's. The research background that I had also made me more self-assured in professional spaces. I have been able to approach professors and supervisors with project or paper ideas with conviction; while some may not have been published or come to fruition yet, it still has provided an open dialogue that enhances my interprofessional skills and grants me the opportunity to learn from more knowledgeable professionals within my field.

How did the faculty mentor relationship impact

you during your time at Purdue?





Some of the mathematics/software that I was exposed to aided me in other graduate school courses and gave me the tenacity to use analytical software that I was not well-versed in for thesis work. Dr. Nie's mentorship went above and beyond my time at Purdue—she even wrote a letter of recommendation for my dream internship: St. Jude Children's Hospital's Pediatric Oncology Education Program (POE). I was accepted into the program and could apply my research and writing abilities from my time at Purdue to work on a project concerning adolescent cancer survivors and their electronic cigarette habits.

How did the experience of publishing an article in JPUR benefit you? What advice would you give to other undergraduates at Purdue who are interested in contributing to the journal?

Publishing an article in JPUR is a fantastic opportunity for students to enhance their communication and academic writing. The discipline and organization needed to write a clear, concise report by deadlines in collaboration with both faculty and graduate mentors is a skill that extends to multiple careers or ambitions. It has currently helped me tremendously when writing outlines for funding and gave me the confidence to pursue other writing opportunities in graduate school/internships. I would advise students that are interested in contributing to the journal to pursue the opportunity; the supportive review process provides a congenial introduction into the world of academic writing and publishing.

What advice would you give to other undergraduates at Purdue who are interested in doing research?

Don't be afraid to try something new! If there is a mentor that you click with or a project that is different from your major that you want to be a part of, find a way to make it work. Research itself provides so many translational skills for your career path, and you may find that you derivate from your original plan upon discovering a new interest throughout the course of your studies.

Wallens, E. (2018). Using bone lead as a biomarker for lead toxicity in condors: Accuracy of portable L-X-ray fluorescence (LXRF) device to quantify lead (Pb) in condor bone in vivo, *Journal of Purdue Undergraduate Research*, 8. https://doi.org/https://doi.org/10.5703/1288284316740