

UWP 101 Progress Report 1

To	Bill Sewell
From	HH
Date	4-26-24
Research Topic	Cannabis Vaping

Fill out the following to the best of your ability. Replace the text in the right-hand column with your text. As you enter text, the cells will expand to accommodate your text. Keep the table formatting. For this week, you are required to summarize only one article.

Activity	Explanation: Details
Work done the past week	This week I spent time brainstorming questions I want to answer and looked for academic articles about why people decide to vape cannabis over other cannabis consumption forms. I also researched how people use cannabis vaping devices.
What problems have you encountered	It has been difficult to find papers discussing the number of puffs taken from a cannabis vaping device specifically. There are plenty of papers regarding the number of puffs for smoking cannabis, but cannabis vaping is relatively new in comparison.
What have you done to address those problems.	I have been looking at both cannabis smoking and cannabis vaping research studies to see if I can find any baseline numbers to compare the two. I've also been looking at papers discussing the average cannabis consumption per day for the average cannabis user, regardless of the form of consumption.
Optional	I'm still interested in continuing this topic, I'm only worried that I may have too many questions and that there aren't enough published studies to answer them.
Research Topic	Cannabis Vaping
First Article Information	
Article Genre or research type	Original investigation
Bibliographic entry of first article	Saran, S. K., Salinas, K. Z., Foulds, J., Kaynak, Ö., Hoglen, B., Houser, K. R., Krebs, N. M., Yingst, J. M., Allen, S. I., Bordner, C. R., & Hobkirk, A. L. (2022). A comparison of vaping behavior, perceptions, and dependence among individuals who vape nicotine, cannabis, or both. <i>International Journal of Environmental Research and Public Health</i> , 19(16), 10392. https://doi.org/10.3390/ijerph191610392
Discuss the first article.	The researchers were trying to find relationships between nicotine, cannabis, and dual use vaping users. They attempted to define vape use behaviors, substance dependence, motivations, and perception of risk and

	<p>benefits from vaping only nicotine/cannabis or vaping both separately. Researchers used an online labor market to survey people on their vaping habits and compensating them if they were eligible to participate further. They found that dual substance users were typically younger and more likely to be cigarette smokers, married, employed full-time, and to hold a bachelor's degree. 30% of cannabis only vaping users were current cigarette smokers (combustible, not vaping), while 41% reported never have smoked a cigarette in their lifetime. 40% of cannabis only vaping users admitted to never stealth vaping and 57.5% purchase their cannabis vaping devices from dispensaries. Researchers determined that dual cannabis/nicotine vaping users were more likely to have started using cannabis vaping devices at a younger age compared to cannabis only vaping users. Dual users were less likely to acknowledge potential harms from nicotine vapes, potentially because dual users were found to have begun using nicotine vapes before trying cannabis vapes. The most widely agreed upon reason for using a cannabis vape was ease of use for both dual and cannabis only vaping users.</p>
Immediate Research Plan	
What is next?	<p>Next, I would like to investigate more articles regarding cannabis only vaping users and typically methods of vaping cannabis. Specifically:</p> <ul style="list-style-type: none"> - How many puffs per day? - How long are the puffs? - What form of cannabis is being vaped? (distillate, wax, etc) <p>I still would like to investigate what the averaging vaping user perspectives of cannabis vaping, as this paper focused more on the reasons for use and comparing between dual versus single substance vaping. I'd like to find another paper comparing what people think is worse or safer, but that is a lower priority on my list compared to researching the method of cannabis vaping.</p>