

Opinions and Perceptions of Pharmacists, Pharmacy Students, and School of Pharmacy Faculty and Staff on Recreational Cannabis Use

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Background	Results	Results																																																																																														
<ul style="list-style-type: none"> Illinois became the 11th state to legalize recreational cannabis Jan. 1, 2020 “It is unacceptable for a SIUE School of Pharmacy student to be in possession of or use cannabis in any form (e.g. cannabidiol (CBD), tetrahydrocannabinol (THC), etc.), be under the influence of or have any detectable levels of cannabis in their system at any time or location, ever, during the student’s multi-year tenure in the pharmacy program.” – SIUE Substance Abuse Policy 	<p>Pharmacy Students, Educators, and School of Pharmacy Staff Knowledge and Opinions on Recreational Cannabis</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th>Total Participant n = 120 Mean</th> <th>Pharmacy Students n = 98 Mean</th> <th>Pharmacy Educators n = 16 Mean</th> <th>School of Pharmacy Staff n = 6 Mean</th> <th>p-value</th> </tr> </thead> <tbody> <tr> <td>Recreational cannabis should be federally legal.</td> <td>4.44</td> <td>4.43</td> <td>4.47</td> <td>4.83</td> <td>0.857</td> </tr> <tr> <td>Health profession students should be allowed to use recreational CBD products.</td> <td>4.08</td> <td>4.11</td> <td>3.82</td> <td>4.17</td> <td>0.771</td> </tr> <tr> <td>Health profession students should be allowed to use high content, recreational THC containing products.</td> <td>3.07</td> <td>3.11</td> <td>2.59</td> <td>3.83</td> <td>0.286</td> </tr> <tr> <td>Healthcare workers should be allowed to use CBD products.</td> <td>4.30</td> <td>4.32</td> <td>4.11</td> <td>4.17</td> <td>0.958</td> </tr> <tr> <td>Healthcare workers should be allowed to use high content, recreational THC containing products.</td> <td>3.14</td> <td>3.17</td> <td>2.76</td> <td>3.83</td> <td>0.413</td> </tr> <tr> <td>I have the knowledge to assess for medication interactions for patients using cannabis.</td> <td>2.93</td> <td>3.04</td> <td>2.94</td> <td>1.33</td> <td>0.0001</td> </tr> <tr> <td>Pharmacotherapy of cannabis should be included in required courses.</td> <td>5.11</td> <td>5.05</td> <td>5.50</td> <td>5.50</td> <td>0.113</td> </tr> <tr> <td>Workplaces should be allowed to drug test for cannabis.</td> <td>4.30</td> <td>4.24</td> <td>4.75</td> <td>4.00</td> <td>0.345</td> </tr> </tbody> </table> <p>All measured on a 6-point-Likert-scale (1=strongly disagree, 2=mostly disagree, 3=somewhat disagree, 4=somewhat agree, 5=mostly agree, 6=strongly agree) ANOVA was used to determine significance, defined as $p < 0.05$, between student pharmacists, pharmacy educators, and school of pharmacy staff members</p>		Total Participant n = 120 Mean	Pharmacy Students n = 98 Mean	Pharmacy Educators n = 16 Mean	School of Pharmacy Staff n = 6 Mean	p-value	Recreational cannabis should be federally legal.	4.44	4.43	4.47	4.83	0.857	Health profession students should be allowed to use recreational CBD products.	4.08	4.11	3.82	4.17	0.771	Health profession students should be allowed to use high content, recreational THC containing products.	3.07	3.11	2.59	3.83	0.286	Healthcare workers should be allowed to use CBD products.	4.30	4.32	4.11	4.17	0.958	Healthcare workers should be allowed to use high content, recreational THC containing products.	3.14	3.17	2.76	3.83	0.413	I have the knowledge to assess for medication interactions for patients using cannabis.	2.93	3.04	2.94	1.33	0.0001	Pharmacotherapy of cannabis should be included in required courses.	5.11	5.05	5.50	5.50	0.113	Workplaces should be allowed to drug test for cannabis.	4.30	4.24	4.75	4.00	0.345	<p>Perceived Use of Cannabis</p> <table border="1" style="width: 100%; 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<ol style="list-style-type: none"> To determine pharmacy students, school of pharmacy faculty, and school of pharmacy staff opinions, knowledge, and perceptions on recreational cannabis. To identify if the SIUE Substance Abuse Policy needs amendment. 																																																																																																
Methods																																																																																																
<ul style="list-style-type: none"> The study was an anonymous, online survey that was distributed through email lists The study obtained approval from the SIUE Institutional Review Board Inclusion criteria: status of pharmacy student, school of pharmacy professor, or staff member The survey consisted of 32 questions split into 3 domains: <ul style="list-style-type: none"> First domain: 13-6-point-Likert-scale questions assessing opinions on recreational cannabis use Second domain: 6-6-point-Likert-scale questions assessing knowledge and opinions on recreational cannabis Third domain: 12 fill-in-the-blank questions based on perceived use 																																																																																																
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		<ul style="list-style-type: none"> Small sample size from one school of pharmacy Did not differentiate opinions on cannabis use based on didactic learning and educational experiences 																																																																																														
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		<ul style="list-style-type: none"> Pharmacy schools need to take a stance on recreational cannabis use as more states legalize its use Pharmacology of cannabis should be taught in the required curriculum of pharmacy schools Participants favored CBD use, however IPHP recommends to avoid CBD due to THC contamination SIUE School of Pharmacy may need to enact more cannabis screening due to high perceived use among student peers 																																																																																														