

Shaping Wikipedia editing as a teaching and learning tool to promote deep learning and information literacy

Purpose

College of

Medicine

UNIVERSITY OF CENTRAL FLORIDA

- Research has shown that at least 94% of medical students use Wikipedia as an information resource (Usaid, 2012), despite medical school faculty tellin them not to.
- In fact, medical schools do not train students to improve Wikipedia or use it critically (Azzam, 201
- The Wikiproject Medicine course was created at the invitation and in partnership with Dr. Amin Azzam the University of California San Francisco, who started the original program in 2013.
- This class is offered to 4th year medical students and gives students an opportunity to edit already existing health related articles in Wikipedia to improve their quality and make them more accurat
- This course enables students to improve and enrice the quality of reliable information read by patients on Wikipedia by becoming a WikiProject Medicine Editor

Background

- Wikipedia's medical content is made up of over 155,000 articles across more than 285 languages and is supported by more than 1.4 million references.
- Published reports have confirmed that medical entries on Wikipedia can lack reliable sources and have gaps in content (Heilman, 2015, Shafee 2016).
- But it is often the first source for students, faculty and patients. Health professional educators actively discourage using Wikipedia.
- Instead of fighting student and public use of Wikipedia, health professional educators can be more effective by embracing Wikipedia editing as teaching technology.
- Creating Wikipedia editing assignments in health professions schools ensures patients read higher quality online information, enhances student literature searching and writing skills, and provides a large social good (Sean, 2017).

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research, write and edit Wikipedia rly project even after medical school. used:

for the course by Wikiproject staff.

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uch on questions or issues that may

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uction on proper references and a for editing articles.

day of class to orient students to

tation on final article edits. tation- We do not have enough data yet now into year two of the class.

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nple – UCF 2018 Results

Assessment tools								
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Discussion/Dissemination

• The negative stigma behind Wikipedia has been changing, but many still shun Wikipedia.

• This work reduces this stigma by demonstrating the value of Wikipedia-editing assignments to students, faculty members, and readers of Wikipedia's health related content.

• Since the first UCF pilot in October 2017 the course has become increasingly popular with 4th year students as evidenced by increased enrollment for FY 2019- (Spring 2019- 13 students, Fall 2019 -15 students).



Wikiproject Institutional Affiliations

Summary of US medical students editing Wikipedia for med school academic credit in the 2017 – 2018 academic year

Since 2013, the UCSF School of Medicine has offered an elective course on editing health-related Wikipedia pages. Through an Osmosis-curated , several other US medical schools created Wikipedia-editing courses and/or assignments as well summarizes only credit-bearing course assignments that were produced in partnership with the Wiki Education Foundation. This loes not include any Wikipedia "edit-a-thons" or non-credit-bearing (volunteer) activities by US medical students

	Cycle	Enrolled Medical Students	Level of students	Wikipedia articles	Edits made	Words added	lmages added	Views during course	
	fall 2017	37	MS-4's	36	1,420	61,200	14	1,380,000	
	spring 2018	13	MS-4's	12	701	34,300	10	487,000	
	summer 2017	54	summer between MS-1 and 2	15	498	13,700	1	479,000	
	fall 2017	6	MS-4's	з	128	6,320	1	44,300	
	winter 2017	4	MS-4's	3	94	7,380	0	86,100	
	spring 2018	6	MS-4's	5	157	10,900	o	79,100	
	fall 2017	12	MS-4's	12	868	35,000	2	612,000	
1	schools	132		86	3,866	168,200	28	3,167,500	
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Join the movement! To start visit https://wikiedu.org/

