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Amin Azzam

Lauren Maggio

Evans Whitaker

Mihir Joshi

James Heilman

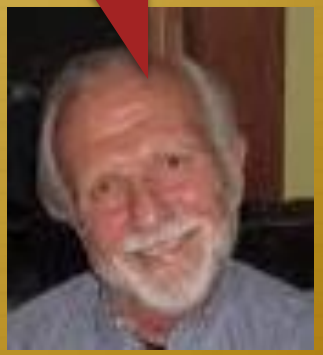
Nothing to disclose.

Val Swisher

Fred Trotter

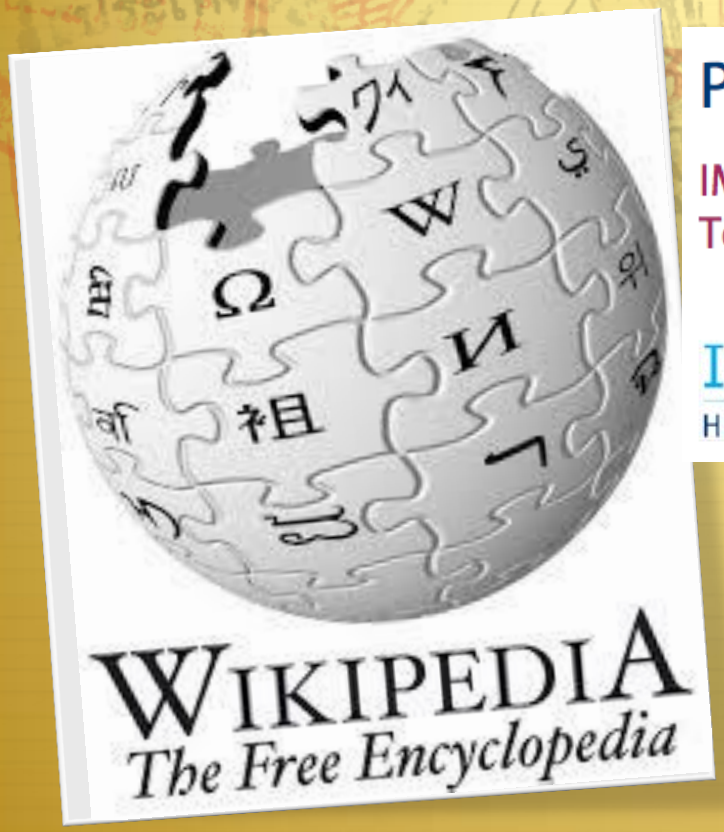
Jake Orlowitz

Will Ross



Jack McCue

A. Azzam et al. *WGEA 2015*



Press Releases **January 21, 2014**

IMS Health: Pharma Should Make Better Use of Social Media To Engage Patients and Improve the Use of Medicines

IMS INSTITUTE FOR HEALTHCARE INFORMATICS

Wikipedia is the single leading source of medical information for patients and healthcare professionals.

Did you know?

The top 100 English Wikipedia pages for healthcare topics were accessed, on average, 1.9 million times during 2013.

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A recent study

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Did you know?

WikiProject Medicine is a group of all volunteer individuals committed to improving the quality of health-related content on Wikipedia?

WikiProject Medicine has rank-ordered the approximately 26,000 health-related topics on English Wikipedia by importance.

The importance scale takes into account both number of eyeballs clicking and global burden of disease.

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Did you know?

Quality scale [edit source]

WikiProject article quality grading scheme

Class	Criteria	Reader's experience	Editing suggestions	Example
FA	The article has attained featured article status by passing an official review. **More detailed criteria** [show]	Professional, outstanding, and thorough; a definitive source for encyclopedic information.	No further content additions should be necessary unless new information becomes available; further improvements to the prose quality are often possible.	Tourette syndrome
A	The article is well organized and essentially complete, having been reviewed by impartial reviewers from this WikiProject or elsewhere. Good article status is not a requirement for A-Class. **More detailed criteria** [show]	Very useful to readers. A fairly complete treatment of the subject. A non-expert in the subject would typically find nothing wanting.	Expert knowledge may be needed to tweak the article, and style problems may need solving. Peer review may help.	Not currently used by this project
GA	The article has attained good article status by passing an official review. **More detailed criteria** [show]	Useful to nearly all readers, with no obvious problems; approaching (but not equalling) the quality of a professional encyclopedia.	Some editing by subject and style experts is helpful; comparison with an existing featured article on a similar topic may highlight areas where content is weak or missing.	Common cold
B	The article is mostly complete and without major problems, but requires some further work to reach good article standards. **More detailed criteria** [show]	Readers are not left wanting, although the content may not be complete enough to satisfy a serious student or researcher.	A few aspects of content and style need to be addressed. Expert knowledge may be needed. The inclusion of supporting materials should also be considered if practical, and the article checked for general compliance with the Manual of Style and related style guidelines.	Tuberous sclerosis
C	The article is substantial, but is still missing important content or contains much irrelevant material. The article should have some references to reliable sources, but may still have significant problems or require substantial cleanup. **More detailed criteria** [show]	Useful to a casual reader, but would not provide a complete picture for even a moderately detailed study.	Considerable editing is needed to close gaps in content and solve cleanup problems.	Islets of Langerhans
Start	An article that is developing, but which is quite incomplete. It might or might not cite adequate reliable sources. **More detailed criteria** [show]	Provides some meaningful content, but most readers will need more.	Providing references to reliable sources should come first; the article also needs substantial improvement in content and organisation. Also improve the grammar, spelling, writing style and improve the jargon use.	AIDS-related lymphoma
Stub	A very basic description of the topic. However, all very-bad-quality articles will fall into this category. **More detailed criteria** [show]	Provides very little meaningful content; may be little more than a dictionary definition. Readers may probably see insufficiently developed features of the topic and does not see how the features of the topic are significant.	Any editing or additional material can be helpful. The provision of meaningful content should be a priority. The best solution for a Stub-class Article to step up to a Start-class Article is to add in referenced reasons of why the topic is significant.	Acute care

All Wikipedia health-related articles are rated/graded ?

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Did you know?

Translators Without Borders have translated 581 English Wikipedia health-related articles to 53 other language Wikipedias

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PAR AVION

How to help [edit]

Would you like to help, but you are not really quite sure what to do? WikiProject Medicine pages have many opportunities for improvement (even this page, which you can edit). You do not need to be an expert.

Edit [edit]

- **Improve existing articles**. Wikipedia is a work in progress, so nearly all articles could use improvement. An organized list is maintained here.
- You could help with **missing** articles or redirects. You might even claim the trophy! You could help us come up with **technical** ideas and solutions for improving Wikipedia content at m:WikiProject Med/Tech
- **Add high-quality references.** Correct and reliable references are vital. Adding references is easy with this tool (which is explained in detail here and also see step 5b of WP:MEDHOW for an alternate method). Just submit the PubMed ID, ISBN, or other identifier, and copy and paste the resulting output (xxxx) into the page between <ref> xxxxx </ref> Alternatively, if you use Internet Explorer or Firefox (2.0+), then Wouterstomp's bookmarklet can automate this step from the PubMed abstract page.
- **Get more pictures.** See Wikipedia:Pictures for medical articles, a guidance essay that

WikiProject Medicine assessment statistics

Medicine articles by quality and importance

Quality	Importance						
	Top	High	Mid	Low	NA	???	Total
FA	10	16	19	16			61
FL		2	2	6			10
FM					42		42
GA	26	31	61	68		1	187
B	31	332	856	712		14	1,945
C	19	303	1,559	1,658		59	3,598
Start		261	3,527	7,219	1	257	11,265
Stub		10	2,355	6,104	1	198	8,668

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From Wikipedia, the free encyclopedia
< Wikipedia:WikiProject Medicine

Medical Translation Project / Translation Task Force

Home | Sign up | Progress (full) | Progress (short)

The **Medical Translation Project** (*also known as the* ***Translation Task Force***) – aims to bring high quality, easy to understand medical and health information into as many languages as we can. Together WikiProject Medicine, Wiki Project Med Foundation, and Translators Without Borders have translated over **600** articles and is working in more than **100** languages! Wiki Project Med Foundation and Translators Without Borders are both parts of the global initiative: Healthcare Information For All by 2015! We aim to translate content where it is needed the most–and are currently working on (but not limited to) articles on: *Disease, Medication and Drugs, Anatomy, Nutrition, Sanitation, Home economics, and Women's health.*

Shortcuts:
WP:TTF
WP:MEDT
WP:MEDTRANS
WP:TWB

WIKIPROJECT MEDICINE | Wiki Project Med Foundation | TRANSLATORS WITHOUT BORDERS

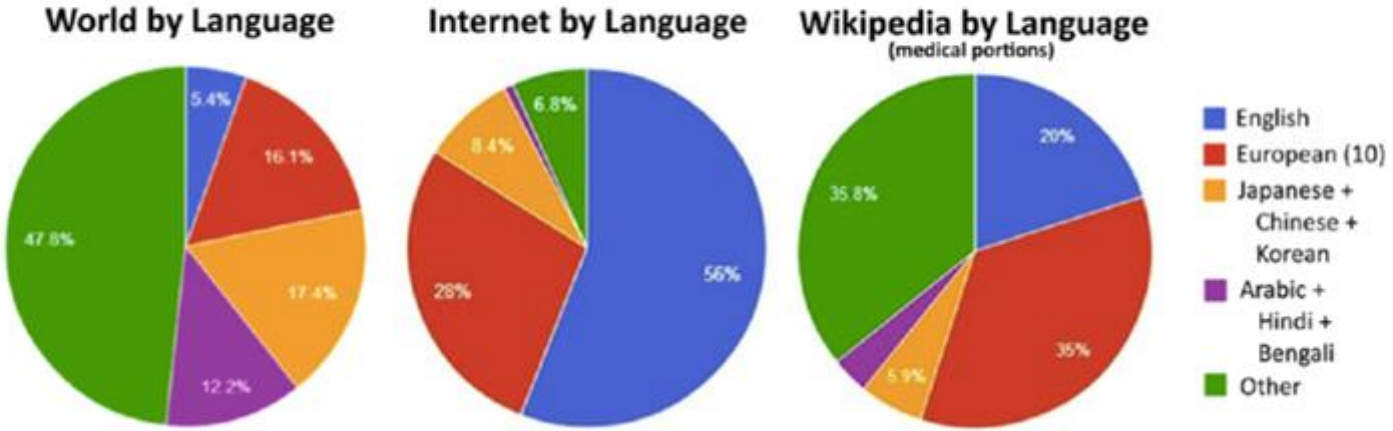
We believe that language shouldn't be a barrier when it comes to accessing quality health information!

And that recent study again

JMIR Publications

MEMBERSHIP SIGN IN SIGN UP

Figure 1. Relative amount of population/content by natural language group. The 10 European languages are German, French, Spanish, Polish, Italian, Portuguese, Russian, Dutch, Swedish, and Catalan.



Wikipedia and Medicine: Quantifying Readership, Editors, and the Significance of Natural Language

James M Heilman[1], BSc, MD, CCFP(EM) ; Andrew G West[2], PhD, MS Eng

[1]Faculty of Medicine, Department of Emergency Medicine, University of British Columbia, Vancouver, BC, Canada

[2]Verisign Labs (Verisign, Inc.), Reston, VA, United States

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Wikipedia Zero

Together, we are creating the most comprehensive encyclopedia that has ever existed - **Wikipedia**. Wikipedia belongs to all of us.

Overview

Volunteer Wikipedians around the world work hard to compile the sum of all human knowledge, to make it freely available to every single person on the planet. For many readers in the Global South, the primary (and often only) access to the internet is via mobile. However, mobile data costs are a significant barrier to internet usage. We created Wikipedia Zero so that everyone can access all the free knowledge on Wikipedia, even if they can't afford the mobile data charges.

Transparency and accountability are among our core values, and we invite you take a look at the Wikipedia Zero operating principles. So far we've launched Wikipedia Zero in 46 countries with 54 operators. We estimate that more than 400 million people can now access Wikipedia free of data charges. Our goal is to work with every mobile operator on the planet -- email us at wikipediazero@wikimedia.org.

Benefits to partners

We invite mobile operators all over the world to join our mission.

Email us: wikipediazero@wikimedia.org

WIKIPEDIA zero

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- Resolutions
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- Financial reports and Form 990
- Fundraising reports
- Local chapters

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TRANSLATORS WITHOUT BORDERS

WIKIPEDIA The Free Encyclopedia

WIKIPROJECT MEDICINE

PAR AVION

What's missing from this partnership?

2015 WGEA/WGSA/WOSR/WAAHP Regional Spring Meeting

Borders and Boundaries

UC San Diego SCHOOL OF MEDICINE

Me, you, and us.

April 23-26, 2015

The US Grant Hotel, San Diego

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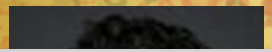
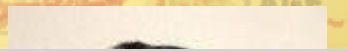
Amin Azzam Lauren Maggio Evans Whitaker Mihir Joshi James Heilman





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Wikipedia:WikiProject Medicine/UCSF Elective 2013

From Wikipedia, the free encyclopedia
< Wikipedia:WikiProject Medicine

The University of California, San Francisco (UCSF) School of Medicine is offering a 4th year, one month elective, from November 18th until December 12th of 2013 which involves selecting and improving important medical topics to developing them up to a high-level of quality. This builds upon a previous collaboration between UCSF and Wikipedia:WikiProject Medicine as found here.

Shortcut:
WP:MEDUCSF

Contents [hide]

1 Faculty member
2 Course structure
3 Students and articles
3.1 Articles
3.2 What will the assignment be like? Which articles should you choose from?
4 Elective Fall of 2013
4.1 Duration
5 Wikipedia Ambassadors
5.1 Ambassadors willing to provide one-on-one support to students
6 Medical Librarians
7 Q & A

WIKIPEDIA

Val Swisher Fred Trotter Jake Orlowitz Will Ross Jack McCue

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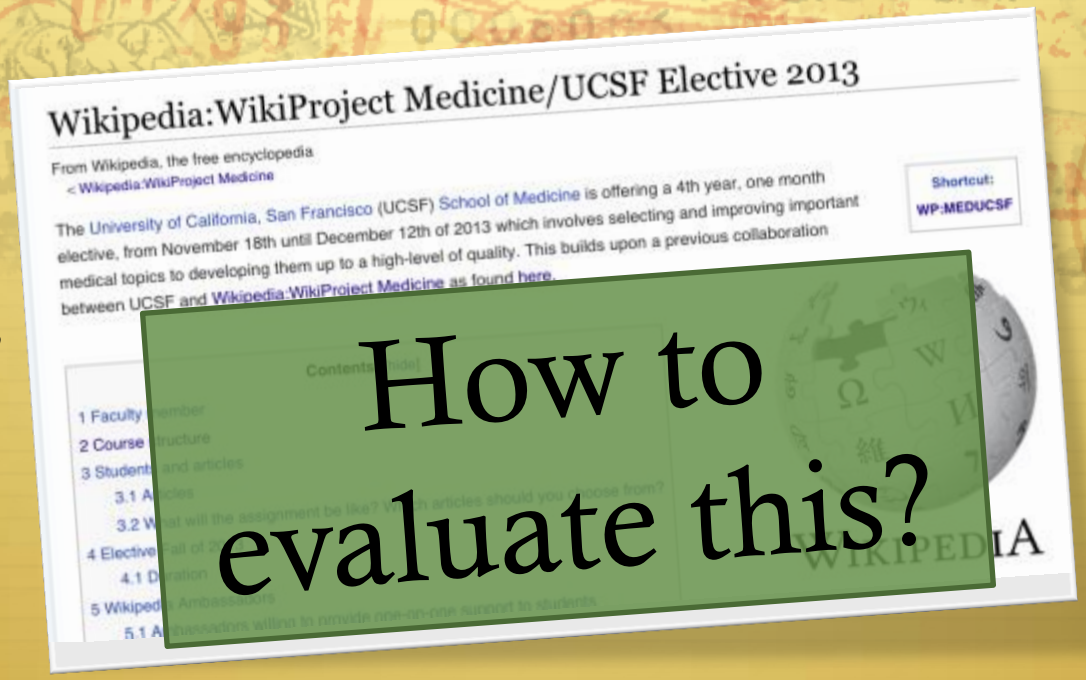
Who

- MS-4's
- Partnership between faculty, librarians, WikiProject Medicine volunteers & invited guests



How

- Month-long immersion rotation
- 1st 2 days are full days face-to-faces
- Rest of elective is independent work

Basic Structure

Day 1

- Intro to WikiProject Medicine
- Library searching basics

Day 2

- Wikipedia editing basics
- Select articles
- Define peer-review

Subsequent

- Independent editing work
- Peer-review of a classmate's work

Final Day

- Report-back to large group on work completed and lessons learned

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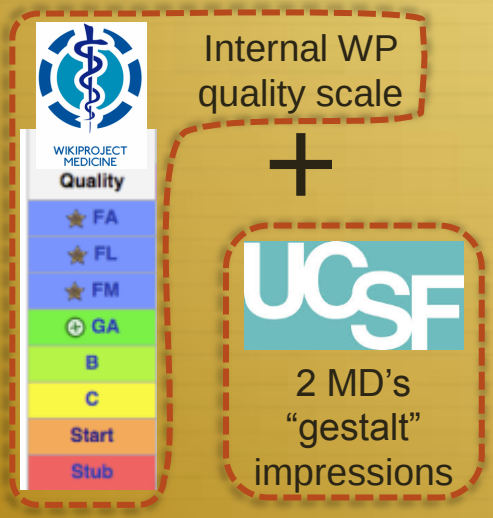
A. Azzam et al. *WGEA 2015*

Impact on the students

mid-rotation 1:1 interviews + end-rotation focus groups → Transcribed and coded for themes

Impact on WP article quality

Pre-rotation



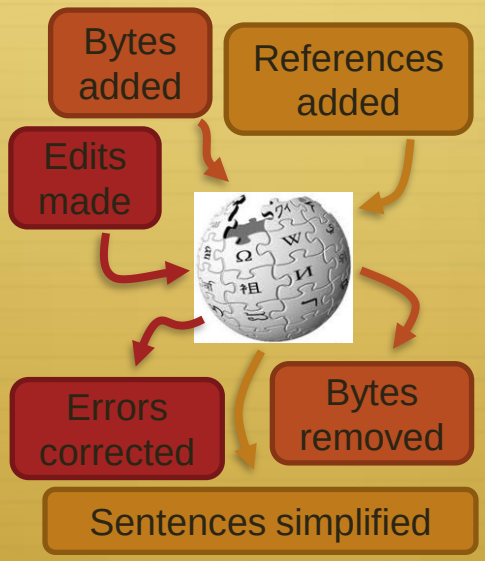
Internal WP quality scale

+

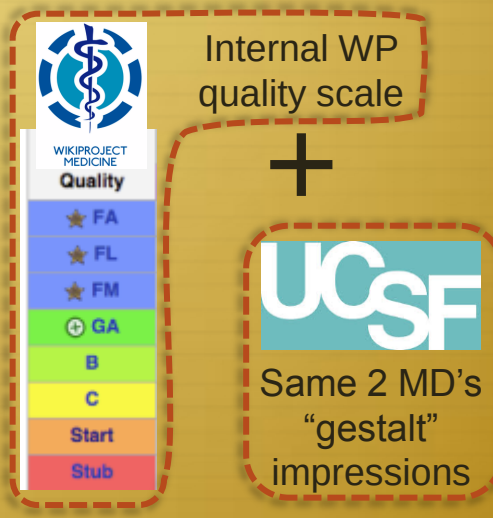
UCSF

2 MD's "gestalt" impressions

During



Post-rotation



Internal WP quality scale

+

UCSF

Same 2 MD's "gestalt" impressions

Impact on WP readers

→ Article traffic statistics during ***only*** the months students were actively editing

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Impact on WP article quality

Bytes added → + 369,994

Bytes removed → - 82,559

net +287,385 bytes
(average 10,264/student)

Edits made → 1,084 edits
(average 39/student)

References added	Pre	Post
Average number of references / article	29.4	37.6

UCSF

2 MD's "gestalt" impressions

"Very improved"	"improved"	"unimproved"
14	12	2

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Impact on WP readers

Impact on WP article quality

Student	Article	Views	Wiki quality PRE	Wiki quality END
Eaamed	Cirrhosis	151,621	C	C
LaurenSMS4	White blood cell	138,597	C	C
Acallen88	Stroke	119,117	C	C
emhawkins	Hepatitis	112,459	C	B
Lmciszak	Dementia	85,048	C	C
UCSF2014	Alcohol withdrawal syndrome	52,514	C	C
Dr. MRM 23	Endometriosis	51,283	B	B
Plm234	Appendicitis	39,857	C	C
UCSFrb1983	Diabetes	36,943	C	B
Dswatcha	Headache	32,186	B	B
Asaadi1	Amyloidosis	25,369	Start	C
Wwtele	Cholecystitis	24,492	C	B
Rkronen	Post-partum depression	19,087	B	B
Snwatson14	Dyspareunia	12,373	C	C

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Impact on WP readers

Impact on WP article quality

Student	Article	Views	Wiki quality PRE	Wiki quality END
Future FamDoc	Actinic keratosis	12,300	C	C
Jmtseng	Toxic epidermal necrolysis	10,221	Start	B
Veronicagon4	Placental abruption	8,957	Start	C
Jorgeo005	Therapeutic hypothermia	7,009	C	B
Dorafriedman	Premature rupture of membranes	6,608	Start	B
DrPFili	Prostatectomy	5,265	Start	Start
CmcUCSF2014	Preeclampsia	4,607	B	B
Iieeeric	Race and health	3,880	B	B
EricaNM	Vulvar cancer	3,662	C	C
Sho2014	Umbilical cord prolapse	3,308	Start	B
Ktteli	Ventilator-associated pneumonia	2,876	C	C
Jksingh2014	Nicotine replacement therapy	2,657	C	C
Yst22	Omphalitis of newborn	1,446	Start	C
TWil2014	In silico medicine	323	Stub	Start

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Impact on the students

"Simplifying the lead is really challenging."

"I wrote for a lay audience."

"Contributing to the digital space is now part of my identity as a future physician."

"This was easier than I expected."

"I loved the travel flexibility."

"It's hard to delete other people's work."

"I feel good giving back to Wikipedia."

"It's challenging to edit live instead of in my sandbox."

"This was harder than I expected."

"I've drunk the Kool Aid."

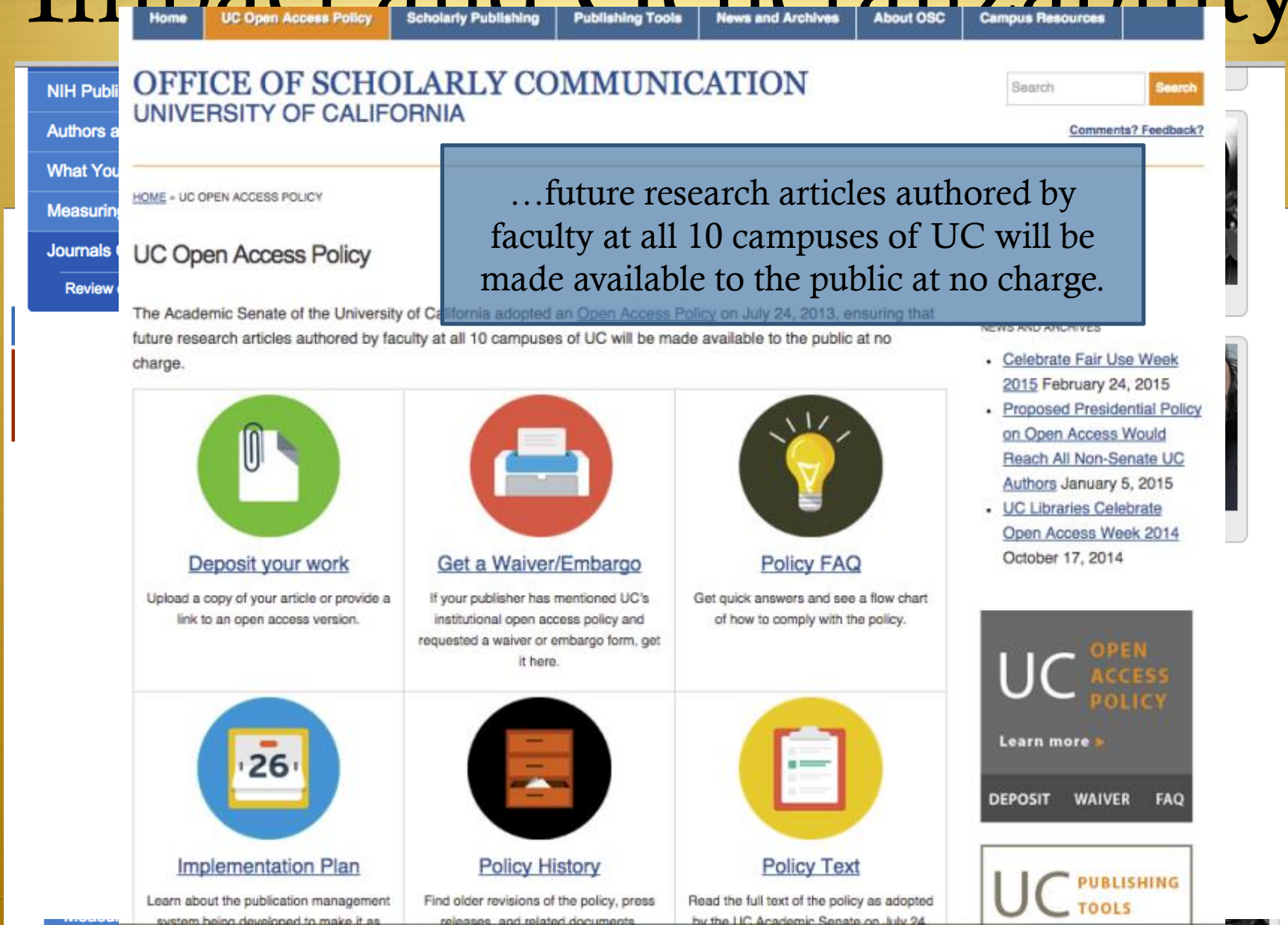
Limitations

- Wide variability in baseline student aptitude and effort.
- UCSF MD quality "scale" is entirely subjective and not validated.
- Students have not continued editing Wikipedia after their rotations ended.

Impact and Generalizability

- Learning how to write for the general public may actually improve doctor communication with their patients
- These 28 Wikipedia articles were collectively viewed **974,065** times during ***only*** the months students were actively editing.
- There are several other medical schools that have copied (and hopefully improved) our curriculum!
- Might this actually begin to convert our digital native "*student-consumers*" **of** the internet to future digital "*physician-contributors*" **to** the internet?
- Could it possibly be a future professional duty or obligation of health providers to be contributing to open access repositories of knowledge?

Impact and Generalizability



…future research articles authored by faculty at all 10 campuses of UC will be made available to the public at no charge.

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Amin Azzam

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Evans Whitaker

Mihir Joshi

James Heilman

Wikipedia is a "do-ocracy"– those who do the most do have a greater influence."

Wikipedia:WikiProject Medicine

WikiProject Medicine assessment statistics

Medicine articles by quality and importance

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