Beyond the encyclopedia

Wikipedia as a learning & teaching tool

Sara Thomas, Wikimedian in Residence
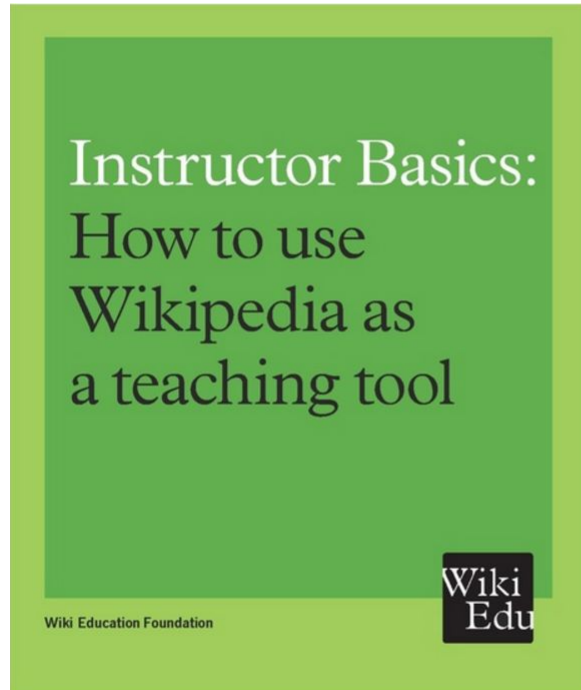@lirazelf

More than just Wikipedia

A study by Nature in 2005 found Wikipedia to be nearly as accurate as Britannica (2.92 errors per article comp to 3.86 on Wikipedia.)
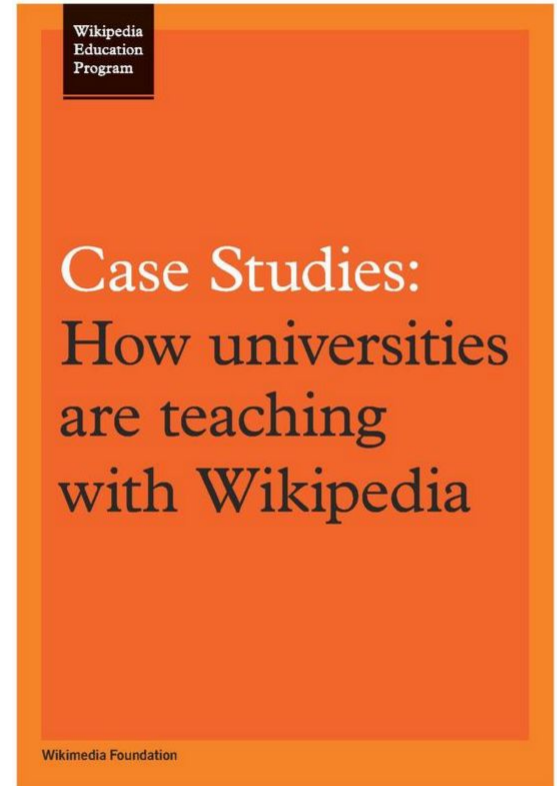
More than meets the eye

In 2010, the Journal of Clinical Oncology found Wikipedia to be as accurate as Physician Data Query.

Wikipedia articles by quality and importance

Quality	Top	High	Mid	Low	NA	Total
⊕ GA			3	6		9
B	5	3	14	7		29
C	5	16	18	23		62
Start	1	13	51	73		138
Stub		2	9	44		55
List		2	2	7	66	77
Book					1	1
Category					372	372
Disambig					2	2
File					9	9
Project					51	51
Redirect				2	50	52
Template					34	34
NA					3	3
Assessed	11	36	97	162	588	894
Total	11	36	97	162	588	894
WikiWork factors (?)	ω = 1,333			Ω = 4.73		

Wikimedia & open education

Instructor Basics:
How to use
Wikipedia as
a teaching tool

Wiki Edu

Wiki Education Foundation

WIKIVERSITY

WIKIPEDIA
The Free Encyclopedia

WIKIBOOKS
Open books for an open world

Wikipedia
Education
Program

Case Studies:
How universities
are teaching
with Wikipedia

Wikimedia Foundation

Learning objectives

Writing skills development

Media & information literacy

Critical thinking & research skills

Collaborative learning

Technical & communication skills

———

Article Talk

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Neuroangiogenesis

From Wikipedia, the free encyclopedia

Neuroangiogenesis is a term used to describe the coordinated growth of nerves and blood vessels.[1] The nervous and blood vessel systems share guidance cues and cell-surface receptors allowing for this synchronised growth. This term only came into use in 2002[2] and the process was previously known as neurovascular patterning. The combination of neurogenesis and angiogenesis is an essential part of embryonic development and early life.[3] It is thought to have a role in pathologies such as endometriosis[4] and Alzheimer's disease.[5]

Physiology   [edit source | edit]

Neurovascular patterning   [edit source | edit]

Neuroangiogenesis - University of Edinburgh

Book   Discussion

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Digital Media and Culture Yearbook 2014

The latest reviewed version was checked on *12 February 2015*. There are template/file changes awaiting review.

Preamble   [edit]

This is the opening page to the Digital Media and Culture Yearbook 2014.

As the title suggests, this is a book which seeks to record contributions to the understanding of a specific set of topics, loosely grouped under the title "Digital Media and Culture", of particular salience to 2014.

It is put together through the combined talents and efforts of a cohort of students taking the FMS9A4 module during the Spring of 2014 at the University of Stirling in Scotland. The aim is, firstly, for students to record the content of their learning and their contributions to this book will reflect their studies on one of the featured themes. However, secondly and most importantly, the hope is that students will learn the values associated with working at different levels as individual researchers, as research teams, and as research communities. That is to say: producing knowledge; collaboration and sharing; and peer-reviewing the work of others for the good of the community. Students will thus gain hands-on experience of a wiki environment, within the auspices of one of Wikimedia's large projects (i.e. Wikibooks) and make something that adds to currents in the academic field of digital media.

Chapters   [edit]

- Chapter 1: Technological Determinism
- Chapter 2: Online Identity
- Chapter 3: Always-on Culture
- Chapter 4: Cognitive Surplus
- Chapter 5: Crowdsourcing

List of Contributors   [edit]

This wikibook is being put together as an on-going a collaborative project by the following Wikimedian contributors. Together, they form a cohort of students studying Digital Media and Culture as part of their degree programme in the Division of Communications, Media and Culture, The University of Stirling, Scotland, UK. Everyone else is welcome to edit as Wikibooks does not restrict editing.

- Kriscampbell91 (discuss · email · contribs · logs · count)
- GemmaMiller (discuss · email · contribs · logs · count)
- George Berrie (discuss · email · contribs · logs · count)
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Special pages
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Page information
Cite this page

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Add links

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Wikiquote
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Wikinews
Wikivoyage
Commons
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Create a collection

University of Stirling - Wikibooks

Content added to Wikipedia

Anne J. McNeil
Seyhan N. Eğe Assistant Professor of Chemistry
University of Michigan
USA

Course names
Organic Chemistry of Macromolecules
Physical Organic Chemistry

Course level
Ph.D. courses, though advanced undergraduates also took the course and participated in the projects

Learning objectives
Writing Skills Development ★ ★ ★ ★
Media and Information Literacy ★
Critical Thinking and Research Skills ★ ★ ★ ★
Collaboration ★ ★ ★ ★
Working on Wiki: Technical and Communication Skills ★ ★ ★

Discipline of course
Chemistry

Class size
10–36

Individual or group assignment
Groups of 2–3

http://education.wikimedia.org/content

Grading

The students worked in small groups to edit a Wikipedia article that is related to the course material and not already adequately described in Wikipedia.

I gave the students a set of minimum expectations: at least 3 sections, 3 figures, and 8 references must be added to the article. Then, during the two-stage peer review process, I gave the students a list of questions meant to provide more specific guidelines about what is expected. For example, "is the article suitable for first-time/general users as well as those looking to understand the topic in more detail?" I also used these questions when determining their final grade. I had the students present their individual contribution to the article, which allowed me to give students different grades within each group based on their individual efforts.

Breaking down the grading into sections (content, figures, references, presentation, peer reviews, etc) gave me a simple yet fair structure with which to evaluate the article. Each student received a unique grade, which is variable based on his or her individual contribution to the article and their peer reviews. This alleviates any concern by the students when someone does not pull their weight.
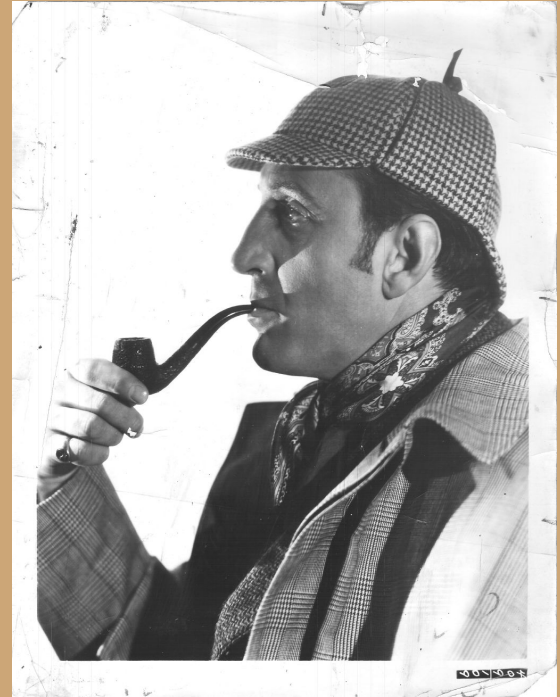
Teaching peer review skills

Wiki-detective challenge

- Today's featured article
  - The talk page
- The history of the article
- In which languages is the article?
- Add the page to your watchlist
- In which categories is the article?

By Employee(s) of Universal Studios (Photograph in possession of SchroCat) [Public domain], via Wikimedia Commons

Pillars of Wikipedia

- An encyclopedia
- Neutral point of view
- Free content
- Respect & civility
- No firm rules

By Thermos (Thermos) (Own work) [CC BY-SA 2.5], via Wikimedia Commons

Core content policies

- Articles should meet standards of notability

- Avoid conflict of interest

- Wiki is a tertiary source, based on reliable

  secondary sources

Where's the Wiki gap?

Thanks!

Sarat@museumsgalleriesscotland.org.uk / sa.thomas@live.com

@lirazelf / [[user:lirazelf]]