Lo and Behold: Reveries of a Connected Campus

Tinyurl.com/WikiResidency

Ewan McAndrew - @emcandre
Wikimedian in Residence at the University of Edinburgh
“I believe the common denominator of the universe is not harmony; but **chaos, hostility and murder.**”

Werner Herzog
The Wikimedia residency:
Making connections across the university

Reproductive Biology,
World Christianity,
English Literature,
History of Medicine,
Translation Studies,
Veterinary Medicine,
Online History MSc,
Scottish Studies
Digital Education
Postgraduate Certificate in Academic Practice (PGCAP)
Social Anthropology
MRC Centre for Regenerative Medicine
European Research Labs.
National Library of Scotland
National Galleries Scotland
University of Sheffield
Teeside University
Surgeons’ Hall Museum
Royal College of Physicians
Royal College of Physicians and Surgeons (Glasgow)
The Internet’s Favorite Website

As web traffic shifts toward mobile, a new study finds Wikipedia remains the most popular informational site around.

- 80,000 regular contributors (of which only 3000 or so are considered ‘very active’ Wikipedians).
- 500 million visitors per month
- 1.5 billion monthly unique devices
- The fifth most popular website in the world.
- Trusted more than the BBC, ITV, the Times, the Telegraph, The Guardian and more according to Yougov survey (2014).
Wikipedia comes of Age

It is not the bottom layer of authority, nor the top, but in fact the highest layer without formal vetting. In this unique role, it therefore serves as an ideal bridge between the validated and unvalidated Web.”

Wikipedia comes of age

“I feel that it can play a vital role in formal educational settings”
- Chronicle of Higher Education
(Jan. 2011)

The University of Edinburgh residency began in Jan. 2016

Women, Science & Scottish History editathon

National Library of Scotland

Museums & Galleries Scotland

ILW

Wikipedia Science Conference

Edinburgh residency

Oxford Residency

NLS – Gaelic Wikimedian

Women, Science & Scottish History editathon

The University of Edinburgh residency began in Jan. 2016
• To raise awareness of Wikipedia and its sister projects
• To design and deliver digital skills engagement events such as editathons (groups of staff & student editors coming together to edit Wikipedia pages on a focused theme – both inside and outside the curriculum)
• To work with colleagues all across the institution to find ways in which the University – as a knowledge creation organisation – can most benefit and contribute to the development of this huge open knowledge resource.
Our Mission
The creation, dissemination and curation of knowledge

“To empower and engage people around the world to collect and develop educational content under a free license or in the public domain, and to disseminate it effectively and globally.”
The new WYSIWYG Visual Editor interface makes editing “super easy”, “fun”, “really intuitive” and “addictive as hell.”
Factors that helped with establishing the residency.
“Knowledge is alive and growing and... it is most useful when it is used; not just static, but engaged with, built upon, expanded on.”

Katherine Maher, Executive Director of the Wikimedia Foundation
Robert Louis Balfour Stevenson (13 November 1850 – 3 December 1894) was a Scottish novelist, poet, essayist, and travel writer. His most famous works are Treasure Island, Kidnapped, Strange Case of Dr Jekyll and Mr Hyde and A Child's Garden of Verses.

A literary celebrity during his lifetime, Stevenson now ranks among the 26 most translated authors in the world.[1] His works have been admired by many other writers, including Jorge Luis Borges, Bertolt Brecht, Marcel Proust, Arthur Conan Doyle, Henry James, Cesare Pavese, Ernest Hemingway, Rudyard Kipling, Jack London, Vladimir Nabokov,[2] J. M. Barrie,[3] and G. K. Chesterton, who said of him that he "seemed to pick the right word up on the point of his pen, like a man playing spillikins."[4]

Spouse: Fanny Stevenson
Place of birth: Edinburgh
Place of death: Vailima, Samoa.
Father: Thomas Stevenson
Educated at: University of Edinburgh
Wikipedia – the Digital Gateway to Academic Research

• “Wikipedia is today the gateway through which millions of people now seek access to knowledge which not long ago was only available using tools constructed and maintained by professional scholars.”
  
  • (William Cronon)

• https://www.refme.com/blog/2016/01/15/wikipedia-the-digital-gateway-to-academic-research
The almond is a deciduous tree, growing 4–10 m (13–33 ft) in height, with a trunk of up to 30 cm (12 in) in diameter. The young twigs are green at first, becoming purplish where exposed to sunlight, then grey in their second year. The leaves are 3–5 inches long, with a serrated margin and a 2.5 cm (1 in) petiole. The flowers are white to pale pink, 3–5 cm (1–2 in) in diameter, with 5 petals. The almond blossom, which is pollinated by bees, is the main source of almond oil. The fruit is an almond, which is used in various dishes, particularly in Mediterranean cuisine. The almond tree is also known for its attractive pink flowers, which bloom in early spring. The almond is a valuable tree in terms of both its fruit and its timber, as the wood is used in furniture making and the oil is used in the food, cosmetic, and pharmaceutical industries.
## List of Wikipedias

<table>
<thead>
<tr>
<th>Language</th>
<th>Language (local)</th>
<th>Wiki</th>
<th>Articles</th>
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</table>
CHANGING THE WAY STORIES ARE TOLD

Less than 15% of Wikipedia editors are female and 16.85% of biographies on Wikipedia are about notable women.

The residency has therefore had particular focus on improving how knowledge is represented on Wikipedia regarding notable women.

Creating & improving articles about the contributions & achievements made by women to create new role models for young & old alike; be it in STEM, art, espionage, engineering, literature, veterinary medicine, reproductive medicine, religion or any other walk of life where women are underrepresented.

65% female

65% of attendees at our events this year were female.
Redressing the gender gap; creating new role models for young and old alike.

Less than 15% of editors on Wikipedia and only 16.85% of biographies are about women.

Helen Alexander Archdale

From Wikipedia, the free encyclopedia

Helen Alexander Archdale (1876–1949) was a Scottish-English feminist, activist, and journalist. Active during the First World War Helen initiated a training farm for women agricultural workers in 1914. In 1917 she served as a clerical worker with Queen Mary's Army Auxiliary Corps, transferring in 1918 to the women's department of the Ministry of National Service.¹

Contents [hide]
1 Biography
2 Political life
3 Personal life
4 References

Biography [edit]

Helen Russell was born at Nenthorn, Berwickshire, on 25 August 1876, the daughter of Alexander Russell (1814–1876) and Helen Evans, née Carter (1834–1903) of the Edinburgh Seven.²

She was educated at St Leonard's School, St Andrews, and then at the University of St Andrews (1893–94) where she was one of the first women undergraduates.³¹
Wikipedia editors have been battling fake news for years....
WIKIMEDIA UK and the UNIVERSITY OF EDINBURGH

The 21st century skills that a collaboration between the University of Edinburgh and Wikimedia UK help develop include:

- A critical Information Literacy
- Digital Literacy
- Academic writing & referencing
- Critical thinking
- Literature review
- Writing for different audiences.
- Research skills
- Communication skills
- Community building / Online citizenship
- Collaboration

“Students have said that simply knowing that an audience of editors existed was enough to change how they wrote.

They chose words more carefully. They double-checked their work for accuracy and reliability.

And they began to think about how best they could communicate their scholarship to readers who were as curious, conscientious, and committed as they were.”

https://wikiedu.org/blog/2014/10/14/wikipedia-student-writing/
3 WIKIPEDIA CLASSROOM ASSIGNMENTS

34 TRAINING SESSIONS DELIVERED with 467 attendees.

185 STAFF TRAINED

164 STUDENTS TRAINED
Teaching with Wikipedia

http://tinyurl.com/TeachWiki
World Christianity MSc – Wikipedia literature review assignment (5% of course credit).

Representing a more holistic world view of Christianity

increasing numbers of Christians in sub-Saharan Africa has led to an increased interest in Christian responses to the region’s continuing issues of poverty, violence, and war.[1] According to the Cameroonian theologian and sociologist Jean-Marc Éla, African Christianity "has to be formulated from the struggles of our people, from their joys, from their pains, from their hopes and from their frustrations today."[2] African theology is heavily influenced by liberation theology, global black theology, and postcolonial...
A cohort of 38 fourth year Honours students on the Reproductive Biology course worked in groups to research and write 8 new articles on terms related to reproductive health.

The sessions were split into 2 x 3 hr sessions.

• In the first they were introduced to Wikipedia, received guidance about searching for information using Scopus, Web of Science, Google Scholar, Pubmed and the Library’s search tool, DiscoverED.
• The second session was when they received Wikipedia training (1.5 hours) before then compiling the article

Assignment page at: Tinyurl.com/ReproBiomed
High-grade serous carcinoma

High-grade serous carcinoma (HGSC) is a type of tumour that arises from the serous epithelial layer in the abdominopelvic cavity and is mainly found in the ovary. HGSCs make up the majority of ovarian cancer cases and have the lowest survival rates.

HGSC is distinct from low-grade serous carcinoma (LGSC) which arises from ovarian tissue, is less aggressive and is present in stage I ovarian cancer where tumours are localised to the ovary.

Although originally thought to arise from the squamous epithelial cell layer covering the ovary, HGSC is now thought to originate in the Fallopian tube epithelium. HGSC is much more invasive than LGSC with a higher fatality rate - although it is more sensitive to platinum-based chemotherapy, possibly due to its rapid growth rate. In rare cases, HGSCs can develop from LGSCs, but generally the two types arise independently of each other.

Contents

1. Incidence
2. Risk factors
   2.1 Environmental risk factors
   2.2 Genetic risk factors
“It is very fun but challenging at the same time. I feel like I am doing something very meaningful. It not only helps me with my translation skills, but also makes me feel that I am contributing to Wikipedia, to people, to the society.” – Student feedback

Assignment page at: Tinyurl.com/TranslateWiki
Making learning engaging, accessible & rewarding....

My approach was based on my background
- Software Development and I.T. support
- Teaching in the Far East (Japan, South Korea and Singapore)
- Teaching in Scottish secondary schools.
- I began to move from English teaching to Media literacy teaching to working more with Libraries and Archives.

Wikimedia work builds on all of these areas.

- Making learning engaging and accessible.
- Building on prior knowledge.
- Sharing good practice.
What’s next?

• Global Citizen conference for undergraduates in June.

• [Celtic & Indigenous Languages Wikipedia Conference](https://example.com) 5-6 July.

• [Wikidata showcase at Repository Fringe](https://example.com) in August.

• Mastercard Foundation Scholars event in December – Swahili translate-a-thon.

• Supporting Wikipedia in the Classroom assignments.

• Data hackathons.

• Developing more materials to make the projects accessible for newcomers.

• **Making the residency sustainable in the longer term.**
Making the residency sustainable

- Mixture approach of **people** and **process**.
- Trained 12 Wikimedia ambassadors.
- Created and curated 110 videos and video tutorials on the Media Hopper channel.
- Developed & shared reusable case studies and lesson plan.
- Continuing to train & host events for course leaders.
- Embedding Wikipedia in Digital Skills.
111 videos and video tutorials on the Media Hopper channel - Tinyurl.com/wikihopper
Key learning points

• Sharing good practice & working collaboratively is crucially important.

• Creating a variety of stimulating events where practitioners from different backgrounds participate in an open knowledge community has proved to be a successful approach.

• Wikipedia & its sister projects offer a great deal to Higher Education and can be successfully integrated to enhance the learning & teaching within the curriculum.

• Areas of under-representation and systemic bias have proven to be extremely important motivators for participants.

• Demystifying Wikipedia through presentations, workshops & scaffolded resources has yielded positive reactions & an increased understanding of Wikipedia's important role in academia.
10 Reasons to work Wikimedia

1. The new Visual Editor is super easy to learn, fun and addictive.
2. Anyone can edit Wikipedia BUT there are checks and balances to help revert unhelpful edits in minutes. *(Only 7% of edits are considered vandalism).*
3. Wikidata – query, analyse & visualise the largest reference work on the internet. Add your research data to combine datasets on Wikidata.
4. WikiCite – tidying up the citations on Wikipedia to make a consistent, queryable bibliographic repository enhancing the visibility and impact of research.
5. Wikisource – Quotations and images from long ago can still touch and inspire. Out of copyright texts such as digitised PhD theses can be uploaded & linked to from Wikipedia.
6. Content Translation – The new tool allows Translation Students to get much-needed published translation practice and help share knowledge globally; correcting areas of under-representation and building understanding.
7. The gender gap is real and working with Wikipedia helps address this as part of Athena Swan initiatives; creating new roles models for young & old alike.
8. Develop students’ information literacy, digital literacy & research skills.
9. Share your research & library collections’ material to Wikipedia the right way and open it up to a global Open Knowledge community of millions demonstrating impact with detailed metrics.
10. Fake news is prevalent. Engaging with Wikipedia helps develop a critical information literate approach to its usage and to other online sources of information.

Staff and students are already consulting Wikipedia for pre-research purposes so why not ensure gaps in representation and inaccuracies are addressed?
Because if not you then who?
If not now then when?
Reflections on the assignment
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Email: ewan.mcandrew@ed.ac.uk

Our Mission
The creation, dissemination and curation of knowledge

www.ed.ac.uk/is

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The University of Edinburgh
Argyle House
3 Lady Lawson Street
Edinburgh  EH3 9DS
United Kingdom
Links and further reading

- The Wikimedia residency at the University of Edinburgh.
- The WiR blog.
- The Media Hopper channel.
- The lesson plan and case studies.
- Reasons to work with Wikipedia.
- Wikipedia and student writing.
- Wikipedia vs. fake news
- Why Wiki Ed’s work combats fake news.
- Wikipedia is fixing one if the internet’s biggest flaws
- Wikidata: the new Rosetta Stone.
DEVELOPING CRITICAL INFORMATION LITERACY.

Combating fake news and developing digital & information literacy for staff & students through delivering 34 skills training sessions.

Promoting understanding of how knowledge is created, curated & disseminated; understanding what constitutes a reliable source.

PROMOTING UNDERSTANDING OF WIKIPEDIA’S SISTER PROJECTS
DELIVERING PRESENTATIONS & WORKSHOPS LIKE THE WIKIData & WIKISOURCE SHOWCASE AT REPO FRINGE 2016
SPY WEEK 2016
WOMEN IN ESPIONAGE
BETWEEN THE WORLDS OF
THE LIVING AND THE DEAD
The National Library of Scotland and the University of Edinburgh invite you to celebrate the macabre side of Edinburgh.

EDINBURGH GOTHIC – SAT 12 NOVEMBER

Tinyurl.com/RLSDAY16
Out of copyright texts, such as notable PhD theses, can be uploaded to Wikisource and linked to from Wikipedia.
Wikidata: the new Rosetta Stone
“The promise of linked data seems to have finally arrived.”

Free knowledge base *that anyone can edit*

Launched in 2012

Integrated with Wikipedia and other sister projects

**Statistics** (February 2017)
- Over 25M items
- Over 130M statements
all statements citing a *New York Times* article

most popular journals cited by statements of any item that is a subclass of *economics*

all statements citing the works of *Joseph Stiglitz*

all statements citing journal articles by *physicists at Oxford University in the 1970s*

all statements citing a journal article that was *retracted*

*Answer complex questions involving sources and statements via SPARQL queries*

[meta.wikimedia.org/wiki/WikiCite_2016/Report/Group_5](http://meta.wikimedia.org/wiki/WikiCite_2016/Report/Group_5)
The key to making sure the references are picked up by Altmetric is they need to use one of Wikipedia’s citation templates.

Using the automatic tool does that by default.

The latest estimates by Crossref show that Wikipedia has risen from the 8th most prolific referrer to DOIs to the 5th.

Altmetrics tools (such as Altmetric.com, ImpactStory or Plum Analytics) are recognizing Wikipedia’s importance by including Wikipedia citations in their impact metrics."