

You can't afford not to.

Universities must invest in digital skills

Gender inequality in science and technology is real

Wikimedians translate

http://www.aliceborea sphotography.com/ pics by Mihaela Bodlovic via Wikimedia Commons, CC-BY-SA

Pics of Ada Lovelace day and Wikipedia in the Classroom assignments by Ewan McAndrew via Wikimedia Commons -CC-BY-SA

Robert Louis Stevenson pic - Public Domain via Wikimedia Commons (remixed by Ewan McAndrew)



Universities must invest in digital skills

Sarah Davies, Joel Mullan, Paul Feldman





House of Commons
Science and Technology
Committee

Digital skills crisis

Second Report of Session 2016–17

HOUSE OF LORDS

Select Committee on Digital Skills

Report of Session 2014–15

Make or Break: The UK's Digital Future

Zoom Out





DIGITAL SKILLS fc the UK ECONOMY

A report by ECORYS UK
JANUARY 2016

ENHANCING LEARNING AND TEACHING THROUGH THE USE OF DIGITAL TECHNOLOGY

A DIGITAL LEARNING AND TEACHING STRATEGY FOR SCOTLAND



The 2018 digital university

Staying relevant in the digital age



Gender inequality in science and technology is real

University of Edinburgh Awards

- A University-wide Silver Award (first in Scotland)
- A Gold Award for School of Chemistry
- Silver Awards for the School of Biomedical Sciences, the School of Biological Sciences, the School of Informatics, School of Physics and Astronomy, and Roslin Institute, and the Royal (Dick) School of Veterinary Studies. The Schools of Molecular, Genetic and Public Health Sciences and Clinical Sciences jointly submitted and were successfully awarded Silver.
- Bronze Awards for: the Schools of GeoSciences, Engineering, Mathematics, Health, Psychology,
 Architecture, Divinity, and the Institute for Sport, Physical Education & Health Sciences, History, Classics
 & Archaeology, and the School of Economics.

Edinburgh won its first University Athena Swan Institutional Bronze Award in 2006 and successfully renewed in 2009 and again in 2012, and successfully achieved Silver in 2015.

The School of Chemistry successfully attained Silver in 2006 and subsequently successfully renewed in 2009, following which they achieved Gold in April 2012. (first Gold in Scotland and second in UK)

These awards recognise achievements in having action plans in place which demonstrate progress made on gender equality, and include actions on how they intend to continue to progress.

Our Submissions

University Silver Submission 2015 (PDF)

School of Economics Bronze 2016 (PDF)

School of History, Classics & Archaeology Bronze 2016 (PDF)

Schools of Molecular, Genetic and Population Health Sciences, and Clinical Sciences, Joint Silver 2016

R(D)SVS Silver 2016 (PDF)

Roslin Institute Silver 2014 (PDF)







CHANGING THE WAY STORIES ARE TOLD



65% of attendees at our events this year were female.

65% female 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.

Wikimedians translate





CC-BY Melissa Highton



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."

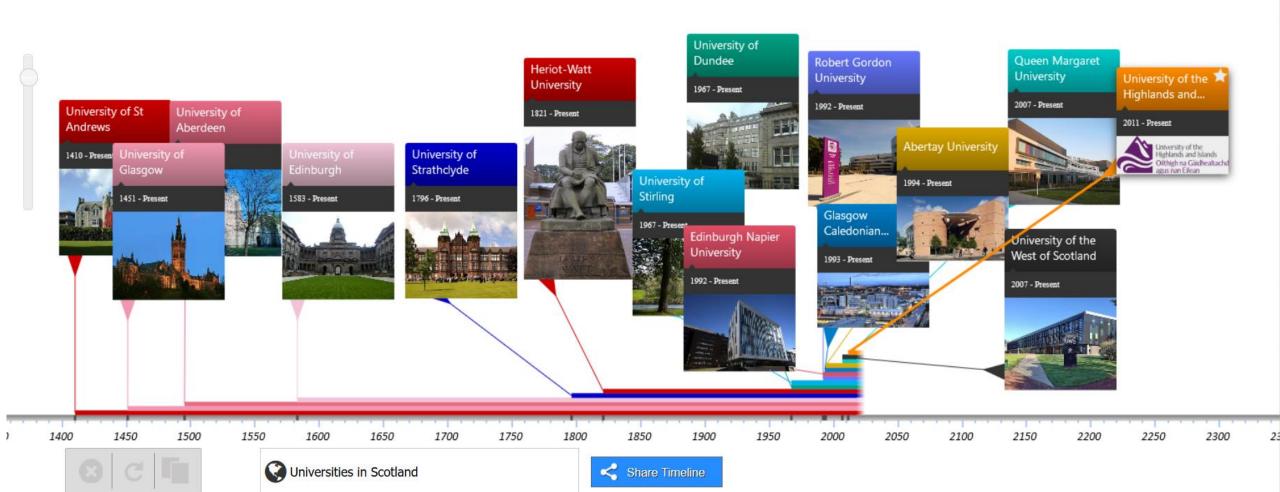




By Raffi Asdourian from New York, United States (https://www.flickr.com /photos/zaffi/13522787 904/) [CC BY 2.0 (http://creativecommon s.org/licenses/by/2.0)], via Wikimedia Commons

Werner Herzog

Q

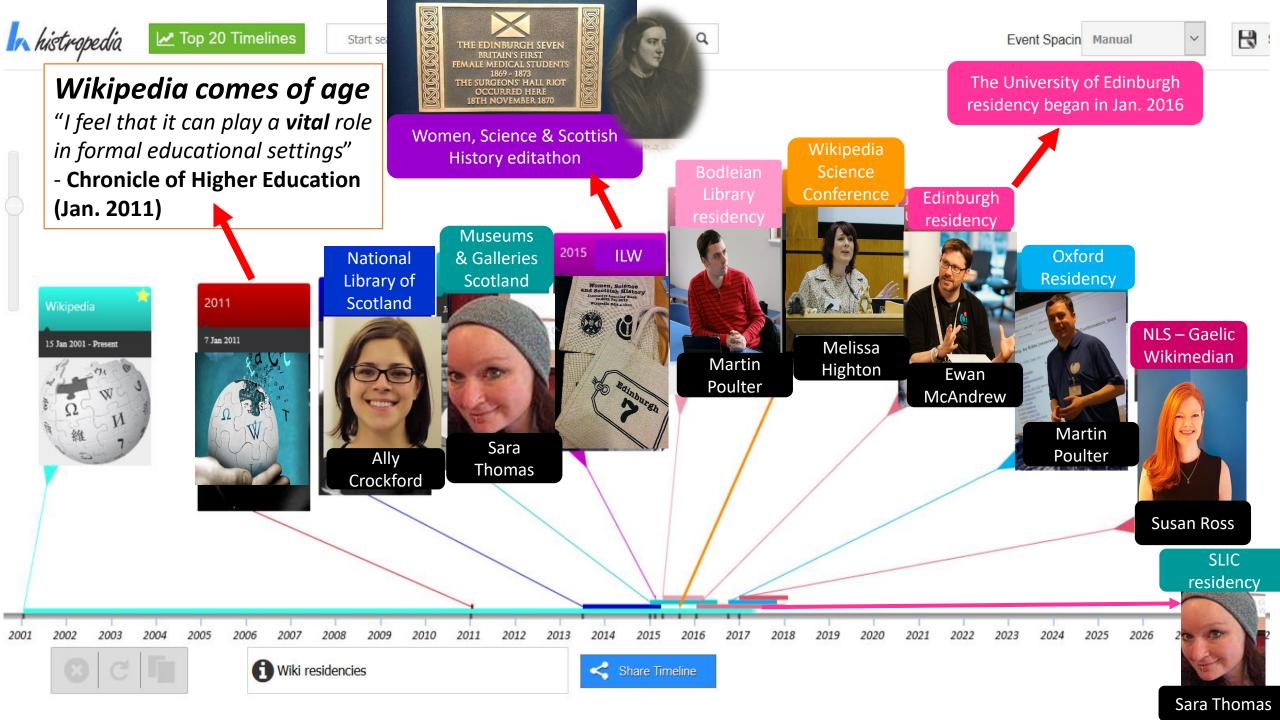


Wikipedia comes of Age (2011)



"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."

The Chronicle of Higher Education.



The Wikimedia residency: http://luke.deentaylor.com/wikipedia/ Making connections across the university

university of edinburgh University of Edinburgh



Wikipedia:University of Edinburgh

From Wikipedia, the free encyclopedia

Welcome

Events and Workshops

Teaching with Wikipedia

Resources

Images

Research

OER16

Data

The University of Edinburgh Wikimedian in Residence Project.



Following successful collaborations with Wikimedia in 2015, the University of Edinburgh are hosting a Wikimedian in Residence in 2016 as part of a year-long project to advocate and raise awareness of Open Knowledge, working with academic staff, students, library & archive staff and Wikimedians throughout Scotland. As of January 2017, the residency has now been extended for another year to continue & build on the successes of its first year.

If you're interested in becoming involved in any way, please contact Ewan McAndrew at ewan.mcandrew@ed.ac.uk

- 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.

http://tinyurl.com/EdinWiki

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/

Wikipedia editors have been battling fake news for years....





https://wikiedu.org/blog/2016/11/21/why-wiki-eds-work-combats-fake-news-and-how-you-can-help/



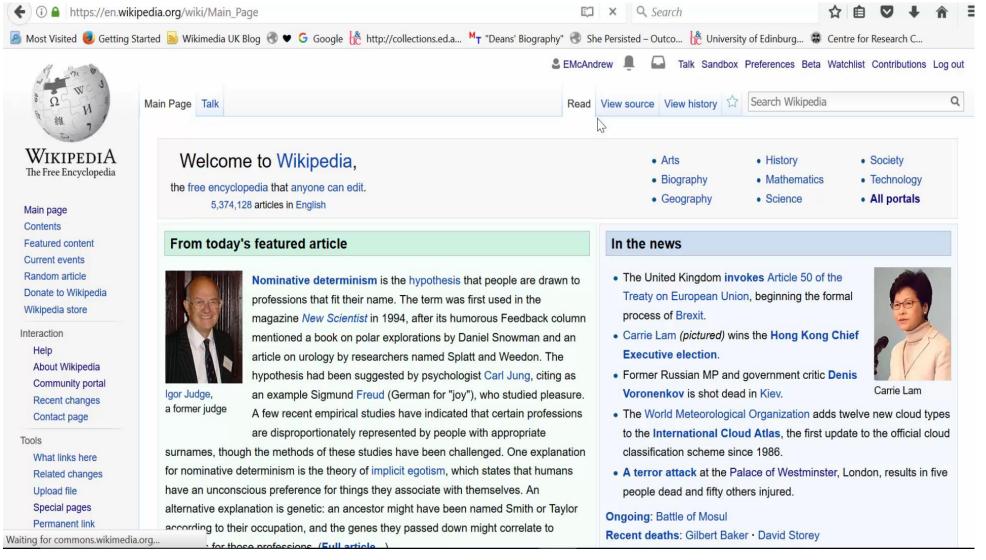
THE UNIVERSITY of EDINBURGH

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."

1.

3.

4.

5.

6.

7.

Headers

lists

Bold / italic

& Numbered

Internal links /

External links

Citations &

references

categories

Adding pictures

Adding

Adding

infoboxes

Bullet point lists

18 WIKIPEDIA EDIT-A-THONS

History of Medicine
International Women's Day
Spy Week:Women in Espionage
Eurostemcell
History of Veterinary Medicine
Ada Lovelace Day: Women in STEM
Samhuinn
Women and Religion
Edinburgh Gothic
Festival of Architecture
BBC 100 Women
History of Engineering



Getting colleagues across the university into the room in the first place.

http://www.aliceboreasphotography.com/ - pics by Mihaela Bodlovic via Wikimedia Commons, CC-BY-SA Pics of Ada Lovelace day and Wikipedia in the Classroom assignments by Ewan McAndrew via Wikimedia Commons - CC-BY-SA Robert Louis Stevenson pic - Public Domain via Wikimedia Commons (remixed by Ewan McAndrew)



Robert Louis Stevenson

From Wikipedia, the free encyclopedia

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]

Control of the contro

Public Domain
pic of Robert
Louis Stevenson
https://common
s.wikimedia.org/
wiki/File:Robert_
Louis_Stevenson
_by_Henry_Walt
er_Barnett.jpg

Works [edit | edit source]

Novels [edit | edit source]

- Treasure Island (1883)
- Prince Otto (2006)
- Strange Case of Dr Jekyll and Mr Hyde 🗫 (1886)
 - The Annotated Strange Case of Dr Jekyll and Mr Hyde
- Kidnapped (Adventures of David Balfour, 1886)
- The Black Arrow (1888)
- The Master of Ballantrae (1889) (External scan ₺)
- Catriona (Adventures of David Balfour, 1893)
- Weir of Hermiston (1896, unfinished)
- St. Ives (1898, unfinished)

with Lloyd Osbourne [edit | edit source]

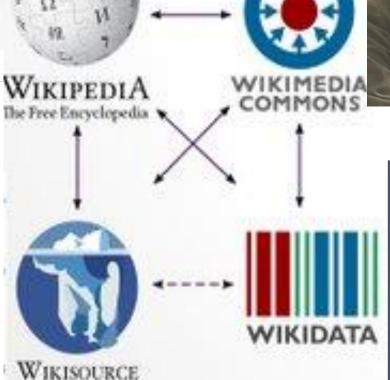
- The Wrong Box (1889) (External scan ☑)
- The Wrecker (1892)

MORE - LAI- - MORE (4070)

• The Ebb-Tide (1894) (External scan ☑)

Short stories [edit | edit source]

- A Lodging for the Night (1877)
- The Sire de Maletroit's Door (1878)



ROBERT LOUIS STEVENSON (Q1512)

Spouse (P26): Fanny Stevenson Q3066501

Place of birth (P19): Edinburgh Q23436

Place of death (P20): Vailima, Samoa Q548806

Father (P22): Thomas Stevenson Q325068

Educated at (P69): Edinburgh Uni Q160302

Occupation (P106): Writer Q38180
Poet Q49757

Novelist Q6625963

Essayist Q11774202

Traveller Q22813352

Q



Main page
Contents
Featured content
Current events
Random article
Donate to Wikipedia
Wikipedia store

Interaction

Help About Wikipedia Community portal

Recent changes

Contact page

Tools

What links here Related changes Upload file Special pages Permanent link Page information Wikidata item Article Talk Read Edit View history Search Wikipedia

Thomas James Jehu

From Wikipedia, the free encyclopedia

Dr Thomas James Jehu FRSE FGS (1871-18 July 1943) was a British physician and geologist. The Jehu-Campbell Fossil Collection within Edinburgh University was donated by Jehu in combination with Robert Campbell and is now the main component of their "Highland Border Series" of fossils. A large number of the fossils come from the Aberfoyle area.^[1]

Life [edit]

He was born in Llanfair Caereinion in Wales in 1871, the son of John Jehu. He was educated at Oswestry High School. He then studied Medicine at Edinburgh University graduating MB ChB in 1893.

He did a further year of Science gaining a further degree (BSc) then went to Cambridge University, where he gained wither MA in Science. Despite gaining is doctorate as a physician (MD) he change University then moving to Edinburgh University in 1914.



Wikisource has original text related to this article: Some problems in variation and heredity (PhD thesis)

In 1904 he unsuccessfully tried for the chair in Geology at Glasgow University but to the control of the Royal Society of Edinburgh. His proposers were James Geikie, Ben Peach, John Horne, and Ramsay Heatley Traquair. He won the Society's Keith Prize for the period 1925-27 and served as their Vice President 1929-32.[3]

In 1914 he succeeded Prof James Geikie as professor of Geology at Edinburgh University.^[4] In 1932 he oversaw the trasferof his department from Old College to King's Buildings where it was thereafter housed in the Grant Institute due to its endowment by Sir Alexander Grant.^[5]

He remained a professor until death in Edinburgh, on 18 July 1943, when he was succeeded by Arthur Holmes.

Out of copyright texts, such as notable PhD theses, can be uploaded to Wikisource and linked to from Wikipedia.

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

Don't cite Wikipedia. Write Wikipedia!

3 WIKIPEDIA CLASSROOM ASSIGNMENTS



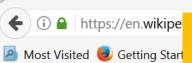
Reproductive Biology Hons Course World Christianity MSc Translation Studies MSc

All 3 are being repeated and there is new takeup from other courses.



226 STAFF TRAINED





W Political theology (Sub-Sa... X

WikipediA

The Free Encyclopedia

Main page

Contents

Featured content

Current events

Random article

Donate to Wikipedia

Wikipedia store

Interaction

Help

About Wikipedia

Community portal

Recent changes

Contact page

Tools

What links here
Related changes
Upload file

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 inc poverty, violence, and war.^[1] According to the Cameroonian theologian a from the struggles of our people, from their joys, from their pains, from the influenced by liberation theology, global black theology, and postcolonial

Contents [hide]

- 1 Hermeneutics
- 2 Themes
 - 2.1 Christology
 - 2.2 Equality
 - 2.3 Church and State
 - 2.4 Reconciliation
 - 2.5 Land, Resources, and Poverty
- 2 Critiniama



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Source: The University of Edinburgh School of Divinity

Author: Alexander Chow

CC-BY-SA via Wikimedia Commons

http://tinyurl.com/WorldChristianity

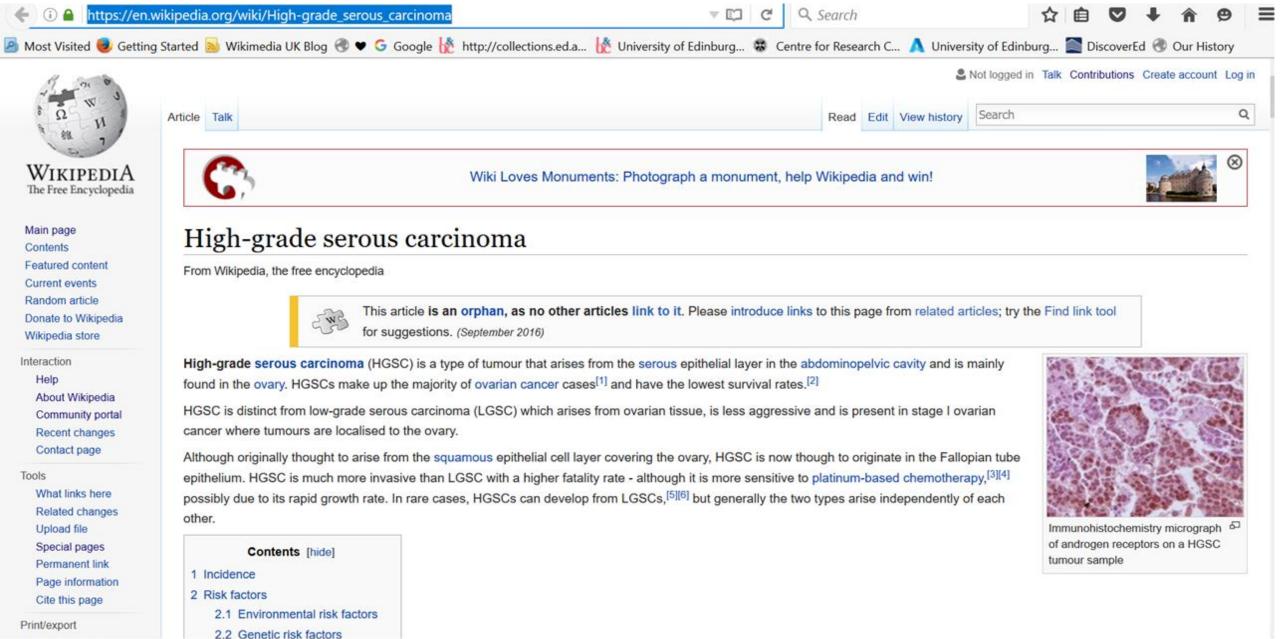
Reproductive Biology Honours students

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



Tinyurl.com/ReproBiomed

Translation from one language Wikipedia to another. **Independent Study module – Translation Studies MSc assignment**

Publish translation

Search for a word

Description

Descripción

Tree

"It is very fun but challenging at the same time. I feel like I am doing something very meaningful.

Almond blosso Tudeshg, Isfah

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

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,[1] 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) diameter

La almendra es un árbol caducifolio, creciendo 4@-10 m (13@-33 ft) en altura, con un tronco de hasta 30 cm (12 en) en diámetro. Las ramitas jóvenes son verdes al principio, deviniendo purplish donde expuestos a sol, entonces gris en su segundo año. Las hojas son 3@-5 pulgadas mucho tiempo,[1] con un serrated margen y un 2.5 cm (1 en) peciolo. Las flores son blancas a

Your translation contains 100% of unmodified machineranslated text

translations are provided only as a You need to make sure that the s accurate and reads naturally in guage.

View translation guidelines





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.
- **Demystifying Wikipedia** through presentations, workshops & scaffolded resources has yielded positive reactions & an increased understanding of Wikipedia's important role in academia.

The Celtic Knot Wikipedia Language Conference

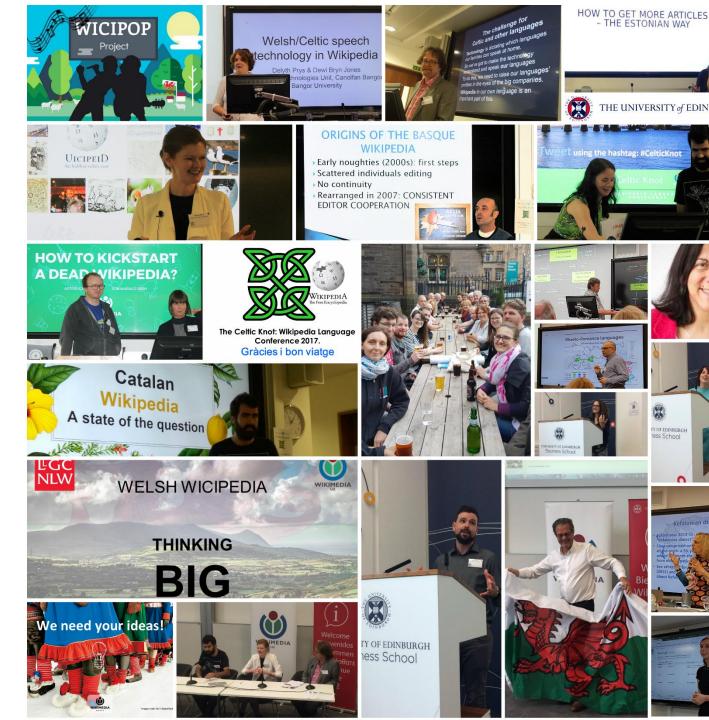
- This was held on 6 July 2017
- 53 attendees
- Focused on supporting

Celtic and Indigenous language Wikipedias.

- Storify of the event.
- Video playlist of talks.
- Event page
- Commons pics.

CC-BY-SA

https://commons.wikimedia.org/wiki/File:Celtic_Knot_2017_collage.png



10 Reasons to work Wikimedia

- 1. Our attendees tell us 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 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?

Wikipedia in the Classroom: developing information literacy, online citizenship and digital research skills



Article about the residency





If not now then when?





Ewan McAndrew

Wikimedian in Residence

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Twitter: @emcandre

Email: ewan.mcandrew@ed.ac.uk

Our Mission

The creation, dissemination and curation of knowledge

www.ed.ac.uk/is

Information Services
The University of Edinburgh
Argyle House
3 Lady Lawson Street
Edinburgh EH3 9DS
United Kingdom

What's next?

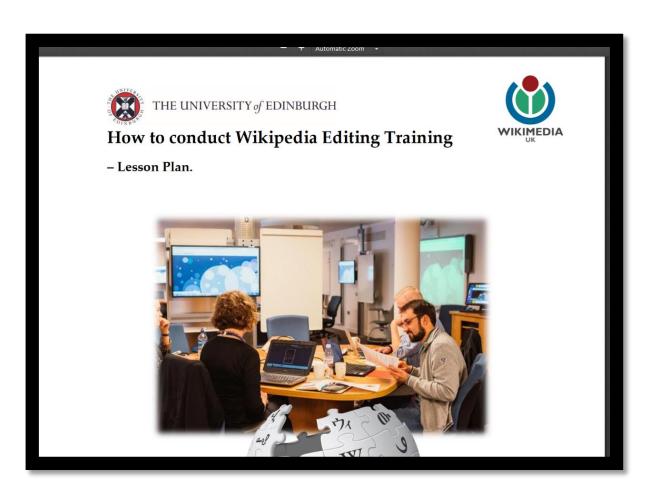
Edinburgh - data capital of Europe?

University to play pivotal role in creating Data Capital of Europe

The University of Edinburgh will be a key partner in a major initiative that seeks to make Edinburgh and its surrounding region the European leader for applying data science to products and services.

- "The University will partner with local authorities, schools and employers across the region to create the workforce of the future by supporting a massive increase in the provision of data skills" = Facilitating data literacy and data skills.
- Supporting (and doubling) Wikipedia in the Classroom assignments by working with Anthropology & Global Health; Digital Sociology and the School of Chemistry
- Developing more materials to make the projects accessible for newcomers. (A WikiMOOC?)

Making the residency sustainable



- Trained 20 Wikimedia ambassadors.
- Mixture approach of **people** and **process**.
- Created and curated 184 Creative Commons licensed videos and video tutorials on the <u>Media Hopper channel</u>.
- Collected <u>resources</u>. Developed & shared reusable <u>case studies</u> and <u>lesson plan</u>
- Continuing to train & host events for course leaders.
- Embedding Wikipedia in Digital Skills.
- Providing feedback to ensure Wiki tools/platforms are robust and fit-forpurpose.

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.
- Wikipedia in the Classroom: developing information literacy, online citizenship and digital research skills

184 videos on the Media Hopper channel Tinyurl.com/wikihopper



Teaching with Wikipedia



Resources can be found at : http://tinyurl.com/TeachWiki

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.

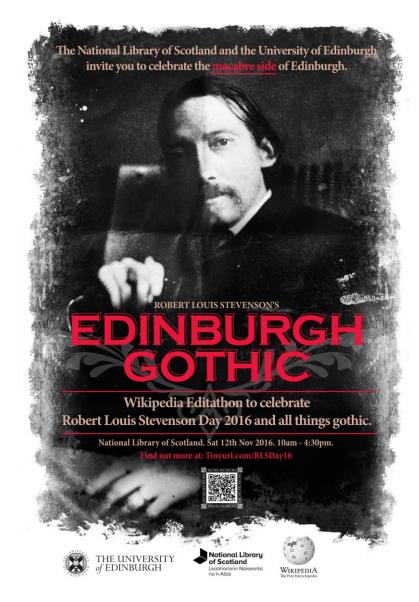
PROMOTING UNDERSTANDING OF WIKIPEDIA'S SISTER PROJECTS

DELIVERING PRESENTATIONS & WORKSHOPS LIKE THE WIKIDATA & WIKISOURCE SHOWCASE AT REPO FRINGE 2018





EDINBURGH GOTHIC – National Library of Scotland Robert Louis Stevenson Day 12 NOVEMBER 2016





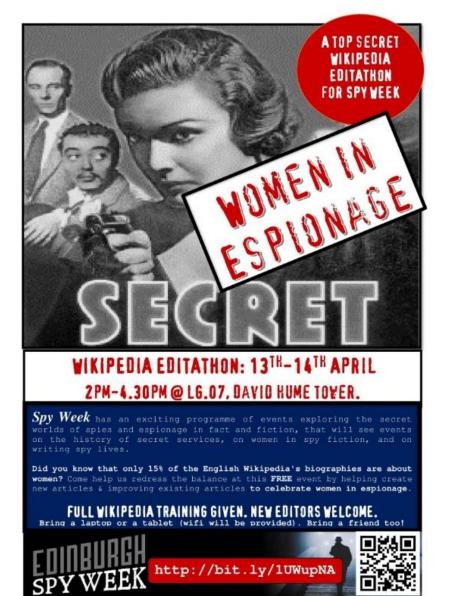


Tinyurl.com/RLSDAY16

<u>Source:</u>
http://www.aliceboreasphotography.com
CC-BY-SA via Wikimedia Commons

Also held a synchronous event at the University of Sheffield's Centre for the History of the Gothic.

SPY WEEK 2016 WOMEN IN ESPIONAGE



BETWEEN THE WORLDS OF THE LIVING AND THE DEAD





Celebrate and respect the dead at a Wikipedia editathon on Samhuinn: The Gaelic Festival for the Dead.



INBURGH

Pic by Mihaela Bodlovic CC-BY-SA

Wikidata: the new Rosetta Stone "The promise of linked data seems to have finally arrived."

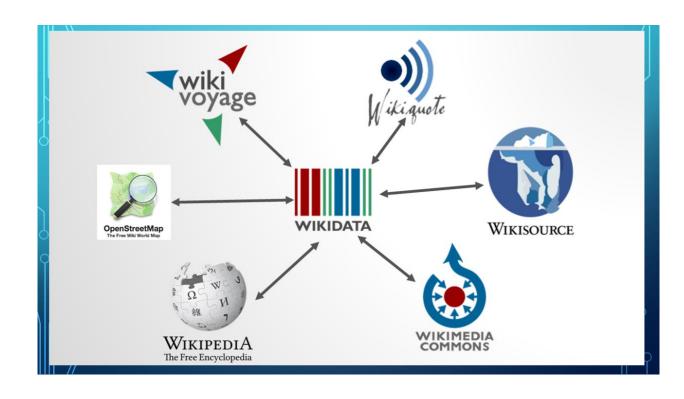


Free knowledge base that anyone can edit

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

WIKIMEDIA UK ON ALTMETRIC



- 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.

• <u>Altmetrics</u> tools (such as Altmetric.com, ImpactStory or Plum Analytics) are recognizing Wikipedia's importance by including Wikipedia citations in their impact metrics. "