WIKIPEDIA-INTEGRATED ACADEMIC JOURNALS

IDEAL PLATFORMS FOR OUTREACH AND PUBLIC COMMUNICATIONS

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@WIKIJMED
@WIKIJSCI
@WIKIJHUM

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A QUESTION OF REACH

MAXIMISING IMPACT
## WHO READS WIKIPEDIA?

<table>
<thead>
<tr>
<th>Category</th>
<th>Median Wikipedia Page Views</th>
<th>Top 5% Wikipedia Page Views</th>
</tr>
</thead>
<tbody>
<tr>
<td>Thesis</td>
<td>1-10</td>
<td>10,000 pa</td>
</tr>
<tr>
<td>Median Journal</td>
<td>800</td>
<td>1,000,000 pa</td>
</tr>
<tr>
<td>Top 5% Journal</td>
<td>3,000</td>
<td></td>
</tr>
<tr>
<td>Paper</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

WHO READS WIKIPEDIA’S MEDICAL CONTENT?

- General public
- Medical students
- Practicing doctors
- Research scientists

How can experts be encouraged to contribute?

Making an immediate, real-world impact
**SIMILARITIES AND DIFFERENCES**

<table>
<thead>
<tr>
<th></th>
<th>Academic Journal</th>
<th>Wikipedia</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Readership size</strong></td>
<td>Small and brief</td>
<td>Very large and extended</td>
</tr>
<tr>
<td></td>
<td>Median article - 800 total</td>
<td>Median article - 10,000 per year</td>
</tr>
<tr>
<td></td>
<td>Top 5% article - 3000 total</td>
<td>Top 5% article - 1,000,000 per year</td>
</tr>
<tr>
<td><strong>Readership composition</strong></td>
<td>Other academics, often within narrow field</td>
<td>General public as well as experts and professionals</td>
</tr>
<tr>
<td><strong>Peer review</strong></td>
<td>Pre-publication, private review by 2-4 subject specialists</td>
<td>Post-publication public review of a sort by subject generalists</td>
</tr>
<tr>
<td></td>
<td></td>
<td>‘Good article’ - 1 reviewer</td>
</tr>
<tr>
<td></td>
<td></td>
<td>‘Featured Article’ - 5-12 reviewers</td>
</tr>
<tr>
<td><strong>Reputation</strong></td>
<td>Varies by journal but generally extremely high</td>
<td>Public generally trust</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Academics have mixed opinions by improving</td>
</tr>
<tr>
<td><strong>Authorship</strong></td>
<td>Small number with relevant, accredited expertise. Organised group with lead and corresponding authors.</td>
<td>Large number with mixed expertise levels. Loose organisation. Many pseudonymous or anonymous.</td>
</tr>
<tr>
<td><strong>Timeliness</strong></td>
<td>Static</td>
<td>Constantly updated</td>
</tr>
<tr>
<td></td>
<td>Updated by new publications</td>
<td>Only one consensus version</td>
</tr>
</tbody>
</table>

BRIDGING THE ACADEMIC DIVIDE

- Content published into both Wikipedia and academic corpus

  Stable, citable, peer-reviewed version with the credibility of a scholarly journal
  Living version with extreme impact of Wikipedia

- Example journals
  - PLOS Genetics
  - PLOS CompBiol
  - Wiki.J.Med
  - Wiki.J.Sci
  - Wiki.J.Hum
  - Gene
  - RNA Biology

A WikiJournal’s Publishing Flow

Preprint server → Public peer review → Publication

Publication:
- Citable
- Stable
- Indexed
- Version of record

Wikipedia-integration:
- Highly accessed
- Broad readership
- Editable and updatable

A WikiJournal’s Publishing Flow

Preprint server

- Wikipedia as preprint

Publication

- Public peer review
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- Stable
- Indexed
- Version of record

- Highly accessed
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ACADEMIC AND WIKIPEDIC VERSIONS
COMMITTEE ON PUBLICATION ETHICS

- WikiJMed ethics statement recently approved by COPE
  www.WikiJMed.org/Ethics_statement

- Attribution of CC material
  Images / videos / other media: Attribution and license type at end of the figure legend
  Text <1 paragraph / <10% of final work: Hyperlink to contributor list 'Acknowledgements' section
  Text >1 paragraph / >10% of final work: Hyperlink to the full contributor list included in the author list (typically as a hyperlinked "et al"). Treated as “Large group authorship”.

- Ownership
  Journal article released by authors under creative commons license of their choice
  Material integrated into Wikipedia may be edited by anyone (inc. authors) and will evolve over time

- What constitutes a preprint
  Wikipedia can be treated as a preprint server where the submitting author has been a significant contributor

- Dual publication into Wikipedia
  Material that complies with Wikipedia’s guidelines (e.g reviews / images) can be directly integrated via CC license
  Material that does not (e.g. original research / opinion / speculation) can be cited as a source in a Wikipedia article
SOOOOO... WHO PAYS?

- Reader subscription / author fee (e.g. Gene, RNA Biol)
  Typically charge subscription fees
  Article processing fee of $3300 and $2000 respectively

- OA journal fee waiver (e.g. PLOS)
  For Topic Page review articles, PLOS waives its usual $2250 processing fee

- Charitable foundation and volunteerism (e.g. WikiJournals)
  Web hosting cost is covered by the Wikimedia Foundation
  Editors donate volunteer labour so no fees of any kind
The wider Wikimedia ecosystem
An interconnected set of platforms
A MASSIVE MEDIA REPOSITORY

- Multimedia file repository
  - Images
  - Video
  - Sound

- Public domain / Freely-licensed
  - Creative commons licenses

- Content scope
  - Educational
  - Informative
  - Instructional

- Like all Wikimedia projects, free and volunteer-run
THE FUTURE OF DATA

- Free, open, structured knowledge base
- Humans and machine readable and editable
  Multilingual, queryable
- Standardised, centralised, highly interlinked
  Statements, sources, and connections to other databases

<table>
<thead>
<tr>
<th>Item</th>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Q42</td>
<td>P69</td>
<td>Q691283</td>
</tr>
<tr>
<td>Douglas Adams</td>
<td>educated at</td>
<td>St John's College</td>
</tr>
</tbody>
</table>
PROJECT AND COLLABORATION FORMATS

Institutional / Long-term

Wikipedian in Residence
Formal, ongoing partnerships

Repeating meetups
Edit-a-thons / Wikibombs

Individual / Short-term

Treasurehunts (content, images, citations)
Edit training (Wikipedia, Wikidata, Commons)
INTERNATIONAL PROJECTS

- WikiMedia chapters (e.g. Wikimedia.org.au)
- Wikipedia in Education
  Wikipedia editing as part of assessed student coursework
- GLAMWiki
  Documentation, Digitisation, Reference hunting, Digital integration
- WikiJournals
  Academic journals that dual-publish 1) stable version of record, 2) into Wikipedia
- ORCID integration
- WikiCite
- 1Lib1Ref
Contact

Email Thomas.Shafee@gmail.com
Google Scholar Thomas Shafee
ResearchGate Thomas Shafee
LinkedIn Thomas Shafee

Journals

WikiJournal of Medicine (WikiJMed.org)
WikiJournal of Science (WikiJSci.org)
PLOS (TopicPagesWiki.plos.org)

Wikipedia

My userpage Search “User:TShafee”

