ALPSP Annual Conference and Awards
14-16 September 2022

#alpisp2022
www.alpisp.org/Conference
Session 3
ALPSP Awards for Innovation in Publishing: The Finalists

- Charlesworth Gateway
- GigaByte
- Hum
- Impact Services
- ICLR Case Genie built by 67 Bricks
- Joint Commitment for action on inclusion and diversity in publishing
- Review Commons

#alpssp2022
www.alpss.org/Conference
The Charlesworth Group

Andrew Smith, Product & Marketing Director

Charlesworth Gateway: Paper Notification Service
About us

Andrew Smith
Global Product & Marketing Director

Kelly Zhang
Director of Marketing and Researcher Engagement (China)

Vivian Wang
Director of China Expert Services
Charlesworth Group

Our goal as a publishing services partner is to build a more engaging, impactful and trusting author experience.
The problem we are solving

- China made up 17% of the global published output in 2021 (Scopus, 2021, citable output by country)
- STM workflows and processes are not designed with users in China in mind
- Email is not the dominant form of communication
There is no Western app comparable to WeChat. It offers the functionality of all the major Western apps in one environment.

- 1.288 billion monthly active users
- 82 minutes daily engagement
Gateway solution
Product overview

• A ‘one-stop shop’ in a WeChat environment for authors in China.
• Gateway mini-program better supports the experience of users in China for the full publisher end-to-end workflow
• Supports publishers brand position within WeChat
Product overview

- Notifications are then sent to the author in Chinese
- The template messages can be configured for authors, reviewers, and editors
- It is also possible for authors to check the status of their paper via the mini-program
Impact on the publishing process

- **Efficiencies** - Improves communication through reducing inbound queries and missed outbound emails
- **Communication & Engagement** - Encourages authors to be become WeChat followers, allowing a publisher to market to them in China and drive further authorship
- **Satisfaction & Inclusivity** - Improves author satisfaction through offering information in Chinese via WeChat
Publishers we work with

• Rollout of notifications services to all 1800+ journals
• Ongoing integration of the mini-program into T&F China marketing
Partners we work with

Taylor & Francis
Hindawi
WILEY
Dovepress
Aries Systems
Researcher
IOP Publishing

The Charlesworth Group
Development

- The product was created through a global, agile approach between our Chinese, Ukrainian and UK teams
- The integration of the Gateway and mini-program was finished in Kyiv in April 2022
Thank you

Andrew Smith
Global Product & Marketing Director
andrew.smith@charlesworth-group.com
Breaking the final barriers in Open Science using a "pure" XML-first process that provides an out-of-the-box solution for researchers to address the UNESCO Open Science Recommendations

Scott Edmunds
0000-0001-6444-1436
scott@gigasciencejournal.com
14th September 2022
Rewarding open data & code

Launched July 2012. Incentivises and aids sharing of open data + software

Publishing workflow includes GigaDB data repository + professional curators

http://gigasciencejournal.com/
Signed on the 23rd November 2021 at the 41st session of UNESCO by 193 Members States

The Recommendation affirms the importance of open science as a vital tool to improve the quality and accessibility of both scientific outputs and scientific process, to bridge the science, technology and innovation gaps between and within countries and to fulfill the human right of access to science.

Recommends that Member States apply the provisions of this by taking whatever legislative or other measures may be required to give effect within their jurisdictions to the principles of this Recommendation.

https://unesdoc.unesco.org/ark:/48223/pf0000379949
Mapping *GigaScience’s* efforts to the UNESCO Open Science Recommendations

Lots of work here

Need to tackle next

https://doi.org/10.1093/gigascience/giac067
Addressing this with a new journal: (GIGA)byte

Main advantage of workflow is XML from start to end

Traditional workflow: API spaghetti

New: straightforward, single platform

https://gigabytejournal.com/
Interactive features: executable papers

Focusing on open data/software + XML can bring papers to life
Inclusive features: the cost barrier

Huge time + cost savings from XML-first workflow

DOCX/.latex to XML to paper. Automated production (only needing humans for pagination)

Production time breakdown

4h 5m 9
Total time Total pages

Breakdown by stage

<table>
<thead>
<tr>
<th>Stage</th>
<th>Started on</th>
<th>Finished on</th>
<th>Time spent</th>
</tr>
</thead>
<tbody>
<tr>
<td>TeX Structuring</td>
<td>2021-03-06</td>
<td>2021-03-06</td>
<td>2h 0m</td>
</tr>
<tr>
<td>Graphics Processing</td>
<td>2021-03-06</td>
<td>2021-03-06</td>
<td>18m</td>
</tr>
<tr>
<td>Proof Checking</td>
<td>2021-03-06</td>
<td>2021-03-06</td>
<td>52m</td>
</tr>
<tr>
<td>Tex Correction</td>
<td>2021-03-06</td>
<td>2021-03-06</td>
<td>13m</td>
</tr>
<tr>
<td>Author Corrections</td>
<td>2021-03-08</td>
<td>2021-03-08</td>
<td>42m</td>
</tr>
</tbody>
</table>

End-to-end analytics

Production times in hours not days

Current APC = $350 USD covers these publication costs (with 10% markup)

Real stats from DARVi (Data Analyser, Reporter and Visualiser) [https://rivervalley.io/darvi/](https://rivervalley.io/darvi/)
Inclusive features: comprehension barrier
XML-first enables switching between different languages & views

Supported languages (to date): English, Chinese (simplified), Spanish, Portuguese
End product: Open Science for Public Health

Access to data on vectors and vector-borne diseases is improved through the release of a special issue publication of a series of data papers

Publication of a series of 11 papers with data on vectors that transmit vector-borne diseases is a significant advance in the availability of such data in an easy and open access format. Published by the journal GigaByte by GigaScience Press, in partnership with the Global Biodiversity Information Facility and supported by TDR, the papers improve knowledge on vectors and pave the way forward in data sharing.

Currently affecting about half of the world’s population, vector-borne diseases are transmitted by arthropod (insect and tick) vectors such as mosquitoes and flies; they include diseases such as malaria, dengue and leishmaniasis. While some diseases such as malaria show a decline in numbers of fatalities, others, such as those caused by arboviruses like dengue, Chikungunya and Zika viruses, show a worrying increase in number of cases (although improved case management has led to a decrease in fatalities). Factors such as climate change and urbanization have the potential to further affect the impact of these diseases, so it is vital that research is ongoing to understand more about the vectors and to ensure that data are shared widely with researchers and policy-makers in an open access, freely available and discoverable format.

End product: Open Science for Public Health
Multilingualism for better accessibility, understandability and trust

https://doi.org/10.46471/gigabyte.52
What’s next for GigaByte and GigaScience Press?

• Scalable tech (designed to handle 100,000’s of papers), but continuing work on further streamlining & automation for human parts of the workflow (e.g. peer review and copy-editing steps)

• Work with projects/consortia/institutions/funders as a solution to meet UNESCO Open Science Recommendations (and OSTP policy)

A new publishing house, with new tech

Help us change scientific publishing, contact: editorial@gigabytejournal.com

Submit now: https://gigabytejournal.com/
Introducing Hum
CueBERT
AI Tagging Engine
TOPIC ENGAGEMENT

digital-transformation

Engagement Score: 53
Content Count: 201
People with Affinity: 5,246
Keyword Sources: CueBERT, blog.hum.works
Date Created: February 2, 2021
Status: Active
Merged Keywords: digital-transformations, digital-transform

Content with keyword
digital-transformation

<table>
<thead>
<tr>
<th>#</th>
<th>Title</th>
<th>Engagement Score</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>A Data-driven Learning Focus on Form Approach to Academic English Lect.</td>
<td>5,305</td>
</tr>
<tr>
<td>2</td>
<td>Connecting Extramural English with ELT: Teacher Reports from Austria, Finla</td>
<td>4,536</td>
</tr>
</tbody>
</table>
Discover: Emerging

This report shows topics that are increasing in engagement over the last 30 days so you know which topics are trending.

**About this report:** These topics have increased their engagement score by 25 points within the last 30 days.

<table>
<thead>
<tr>
<th>#</th>
<th>Keyword</th>
<th>Content Count</th>
<th>Total Views</th>
<th>Views In Last 30 Days</th>
<th>Engagement Score</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>personalization</td>
<td>31</td>
<td>13,634</td>
<td>+2,746</td>
<td>94</td>
</tr>
<tr>
<td>2</td>
<td>analytics</td>
<td>26</td>
<td>7,357</td>
<td>+1,546</td>
<td>91</td>
</tr>
<tr>
<td>3</td>
<td>hum-features</td>
<td>51</td>
<td>6,257</td>
<td>+1,453</td>
<td>82</td>
</tr>
<tr>
<td>4</td>
<td>digital-content</td>
<td>8</td>
<td>6,146</td>
<td>+974</td>
<td>79</td>
</tr>
<tr>
<td>5</td>
<td>sponsor-engagement</td>
<td>14</td>
<td>5,794</td>
<td>+725</td>
<td>75</td>
</tr>
</tbody>
</table>
PERSONALIZED CONTENT RECOMMENDATIONS

Recommendations Widget

The recommendations widget allows you to show users a list of recommended content based on their interests. Click continue to configure the recommendation widget settings.

Need Help?

You Might Like...
We think you might like these articles!

- **CULTURE & NEWS**
  - IASA Partners with Hum for Digital Transformation
    - Claire Olson - Jun 20, 2022

- **GROWTH**
  - Case Study: How PCMA Achieved 70% of Their Digital Event Registrations in 3 Weeks
    - John O'hara - May 29, 2022

- **ENGAGEMENT**
  - 5 Reasons Younger Generations Aren't Joining Associations
    - Cara Wheat - Jun 20, 2022
HYPER-TARGETED ADVERTISING

Display Ad Campaigns

Target your display ads to specific audience segments. You can also specify which pages on your website you want these ads to display on in the Active Pages Table.

Metrics

- Impressions
- Click throughs

![Graph showing Impressions and Click throughs from Jan to Jul, with June having the highest Impressions at 625.]
AUTHOR & REVIEWER RECRUITMENT

PUBLISHER USE CASE:

Recruit Reviewers & Authors

Retain current authors and reviewers, & find new ones. Hum helps you determine top author/reviewer candidates, target those with a high likelihood to submit/review, and deliver personalized attention to keep existing authors engaged.

✓ Identify and match the common traits & behaviors of ideal authors/reviewers
✓ Nurture individuals and segments on- and off-platform, with specific messages, offers, and content marketing
✓ Support specialist OA reporting, including personalized delivery of private article-level metrics
Thanks for the opportunity!

We look forward to serving the publishing community!

Come chat if you’re interested.
CASE GENIE

ALPSP AWARD FOR INNOVATION IN PUBLISHING 2022
Case Genie

Intelligent
Case Genie uses artificial intelligence tools to analyse your text for legal concepts and recommend similar cases for research.

Confidential
Your text is encrypted immediately and only retained for the duration of the session.

Comprehensive
Your text is compared against our entire database of English judgments dating back to 1865.

Frequently Asked Questions

Drop document or select a file to find similar cases.

Or paste text to analyse (maximum 100,000 characters)...
SUPERVISED

• Predicts outcomes using example data
• Embodies bias of decisions made by people

UNSUPERVISED

• Connections NOT predictions
• Case Genie uses Machine Learning to build document embeddings for each Case Report and judgment transcript
THANKS FOR LISTENING
ALPSP Innovation in Publishing Award Finalists 2022
Steve Lodge  
Head of Services,  
Emerald Publishing
Emerald's Impact Services provide globally leading, evidence-based resources to help plan for impact and build individual and institutional research impact literacy.

Using these resources, universities and other research institutions can facilitate impact on local and global communities.

Dr David Phipps, Assistant Vice-President, Research Strategy & Impact at York University, Canada and Network Director, Research Impact Canada

Dr Julie Bayley, Director of Research Impact Development at the Lincoln Institute of Impact Literacy at the University of Lincoln
Impact Healthcheck

Supporting institutions to build healthy strategies and processes
Impact Skills

Strengthening the range of skills within the sector to join research with society
Impact Planner

Equipping individuals to build realistic, appropriate and achievable impact plans for their work
It’s for those in academic research who want to contribute to real change

For institutions:

- **Senior Leadership**
  Anyone who wants to establish the degree to which their culture, processes and environment are setup for impact to thrive

- **Research Office**
  Anyone supporting academics in planning for projects to deliver their potential. This might include grant application support, identifying indicators of change, training and alleviating the burden on Research Office support

For individuals:

- **Researchers**
  Any researcher who wants to understand how to plan their research effectively and embed impact – for any level of impact experience

- **Academic Community**
  Anybody who is planning to deliver research outcomes, not just individual projects but also developing the skills they need to successfully bring about real change
A place that offers support to ensure that research is developed within a culture of sustainable, healthy practice and impact literacy

To extend our ‘usefulness’ across the research workflow

- Delivering real value from research outputs
- Planning for better research outcomes
- A place that connects funding with universities and researchers
- A place that offers tools to plan for impact and collaboration for real change
- A place that offers tools to enable quick, open and effective dissemination of key outputs
- A place that supports connections between the world outside the academy and universities / researchers

ALPSP Innovation in Publishing Award Finalists 2022
Emerald developed Impact Services by meaningfully engaging and co-producing the content with the research community. It’s been fab being part of the process; testing out the content, challenging definitions, offering ideas and providing international context.

I’ve seen how our ideas have shaped the final product and can’t wait to see it making a positive impact on the world!”

Dr Faith Welch, Research Impact Manager, Research Strategy and Integrity, University of Auckland
Joint commitment for action on inclusion and diversity in publishing

Dr Nicola Nugent

Publishing Manager, Quality & Ethics
Royal Society of Chemistry
A framework for action

“
This framework maps out the steps we will be taking to minimise bias from our entire suite of journals. We are sharing it so that other publishers can join us in making scholarly publishing more inclusive and diverse.

Emma Wilson – Director of Publishing, Royal Society of Chemistry

https://www.rsc.org/new-perspectives/talent/framework-for-action/
We will:

- Understand our research community
- Reflect the diversity of our community
- Share success to achieve impact
- Set minimum standards on which to build
1. Understand our research community
   - Diversity data collection systems
   - Diversity data collection questions

2. Reflect the diversity of our community
   - Setting diversity baselines and targets

3. Share success to achieve impact
   - Resource collation and sharing
   - Policy collation and development

4. Set minimum standards on which to build
   - Minimum I&D standards for publishers
Milestone achievements

Initial workshop leading to joint commitment (Jun 2020)

Schema for collection of gender data (Jan 2021)

Author name change good practices (Mar 2021)

Workshop on tackling harmful (historical) content (Apr 2021)

Minimum standards launched (May 2021)

Questions for gender identity & race and ethnicity published (Jun 2021)

7th Working Group meeting (Jul 2021)

Collating and sharing resources

Facilitating conversations between Elsevier (owners of EM) and Clarivate (owners of S1)

Encouraging uptake of data collection questions

= number of member organisations
Working with others
Looking to the future

- Refreshed and revised sub group structure for next 6-12 months
- Focus on data collection implementation and uptake
- Longer term planning in progress – workshop in Sept/Oct
Thank you

nugentn@rsc.org
The preprint peer-review platform

reviewcommons.org

• Operated by EMBO Press.
• Funded by HHMI & EMBO.
PREPRINT PEER REVIEW

Journal submission

manuscript

Journal peer review
PREPRINT PEER REVIEW

Journal submission

manuscript

Journal peer review

Journal-independent peer review

+ refereed preprint

Journal submission
JOURNAL ‘AGNOSTIC’ PEER REVIEW

preprint or manuscript → pre-selection & peer-review → manuscript & reviews → journal submission → revision → published paper

+ response

bioRxiv medRxiv

refereed preprint
REVIEW COMMONS: KEY OBJECTIVES

• Accelerate access to peer reviewed research

• Eliminate cycles of peer review at journals

• Spark a cultural shift with journal-independent peer review
AFFILIATED JOURNALS

Review Commons Transfer Portal

Please select the journal you would like your manuscript transferred to. You may only have one (1) active transfer at a time. The total number of transfers allowed is three (3).

- PLoS Genetics
- PLoS Biology
- Molecular Systems Biology
- Molecular Biology of the Cell
- Disease Models & Mechanisms
- Journal of Cell Science
- Biology Open
- EMBO Reports
- Development
- Life Science Alliance
- PLoS Computational Biology
- The EMBO Journal
- PLoS Pathogens
- EMBO Molecular Medicine
- Journal of Cell Biology
- eLife
- PLoS One
- Transfer
FAST ACCESS TO PEER REVIEWED RESEARCH

Time to public peer reviewed research: 74 days
(time to review + time for authors to reply)
IT WORKS!

- 97% of the peer reviewed manuscripts are transferred to a journal.
- On average, papers are published after 2 transfer attempts.
ELIMINATING REDUNDANT PEER REVIEW

Were new reviewers invited for papers transferred from Review Commons?

Results as % of papers processed:
- No new reviewers: 95%
- New reviewers invited: 5%
“Review Commons' peer review process should remain journal 'agnostic': journal fit should be assessed by journal editors but NOT by the reviewers.”

Survey of Review Commons authors and reviewers

(n = 1097)
Refereed preprints recognized as eligibility criterion for EMBO Postdoctoral Fellowships

EMBO will accept first author refereed preprints in applications for postdoctoral fellowships in a four-month trial

25 April 2022

Funding: end ‘publish or perish’ for postdocs

Thomas Lemberger, Bernd Pulverer, Kelly Sheehan-Rooney & Fiona M. Watt
CREATING SYNERGIES

Creating synergies between preprint posting and journal publishing:

- Faster access to peer reviewed research.
- High-quality formal peer review
- Elimination of repeated cycles of peer review.
- Strong community support for science-focused peer review.

speed of dissemination of peer reviewed research

efficiency of the publication process

preprint refereed preprint journal article