How Can You Improve The Author Experience?

Streamline Submission File Uploading

• Drag-and-drop files instead of “Browsing”

• Single or multiple files, up to hundreds of files
• Drag from desktop to browser
• ZIP files automatically unpacked
• Individual and total progress meters
• Background process - while earlier upload is still in progress:
  • Can upload additional files
  • Can edit metadata for individual files

• Will shorten file upload time for authors
• Will greatly improve author experience for the most frustrating part of manuscript submission
Ad hoc interactive communication
Typically amongst staff and editorial

Independent of, parallel to editorial workflow
Participation by invitation
Manuscript-centric, multiple concurrent discussions for a single MS
Editors today; reviewers, authors in future

Accelerates editorial consideration
Facilitates ethics discussions
Pathway to alternative peer review models
Discussion Forums – Parallel Workflows

Author  Editor  Sub Editor  Reviewer

Editor  Sub Editor

Board  Ethics Committee  Editor-in-Chief
• Typically, co-authors have been a secondary consideration in the submission and tracking process
• But now, becoming much more significant:
  • Ethics, contribution validation
  • Institutional attribution
  • Open Access APC shared payment

• Editorial Manager supporting features:
  • Corresponding author monitors and facilitates (“Author-chase” vs. “Journal-chase”)
  • Optional or mandatory registration of co-authors
  • Verification (“Did you participate on this paper?”)
  • Detailed, configurable questionnaires
  • Metadata capture (Institution, Department, etc.)
  • Definitive Institution Name (with Ringgold ID)
  • ORCID capture and certification
  • Source of research funds (FundRef identities)
  • Metadata pushed to production and publication platforms
Funder Mandates Got You Down?

Seamless FundRef Integration

- Configurable step in submission workflow
- Captures:
  - Funder Name
  - Funder unique identifier from FundRef
  - Grant ID
  - Grant Recipient
  - Multiple funding sources for a manuscript
- Convenient auto-complete for funder identification
- Metadata pass-through to production and platform environments
FundRef Data Capture

New Submission
Select Article Type
Enter Title
Add/Edit/Remove Authors
Funding Information
Submit Abstract
Select Classifications
Enter Comments
Request Editor
Select Region of Origin
Attach Files

Funding Information

Please enter the funder name, grant number and the grant recipient. Authors listed in the dropdown menu were added during the Add/Edit/Remove Authors submission step. Click on the '+-' icon to add another funder. When you are finished, click on the 'Next' button.

<table>
<thead>
<tr>
<th>Funder Name</th>
<th>Grant Number</th>
<th>Grant Recipient</th>
<th>Action</th>
</tr>
</thead>
<tbody>
<tr>
<td>Starbucks Coffee</td>
<td>ABC12345-67</td>
<td>Dr. Ann Author</td>
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<td>Sabin Vaccine Institute</td>
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<td>Dr. Francis Crick</td>
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<tr>
<td>California Breast Cancer</td>
<td>1-23-456-78</td>
<td>Dr. Richard Feynman</td>
<td></td>
</tr>
</tbody>
</table>

Auto-Complete From FundRef Taxonomy (combined SOLR/MSSQL technology)

Recipients selected from Author/Co-author List drop-down
Problem:
- Author entry of institution names is idiosyncratic and inconsistent
- Downstream attribution of research to an institution then lacks integrity
- Inconsistent names complicate OA APC fee collection

Solution:
- Guide users to enter Institution Names from a controlled vocabulary:
  - Convenient & intuitive auto-complete Name selection
  - Explicit Names from Ringgold Identify database
  - Exception Names “crowd-sourced” based on frequency-of-use
- Ringgold identifiers included for downstream inter-system compatibility and matching
Auto-Complete for Institution Name Normalization

Institutions:

- GlaxoSmithKline Plc
- GlaxoSmithKline
- GlaxoSmithKline AS
- GlaxoSmithKline Biologicals SA
- GlaxoSmithKline Pharmaceuticals
- GlaxoSmithKline Research and Development

Partial Name

Institutions:

- University of Arkansas for Medical Sciences
- Arkansas Department of Health
- Arkansas State University
- University of Arkansas at Little Rock
- University of Arkansas at Monticello
- University of Central Arkansas

Embedded Name

Institutions:

- Beth Israel Deaconess Medical Center

Abbreviations & Aliases
Many rules and protocols - Fee structures, Funding sources, Split payments, Payment methods, etc.

Solution involves tight coupling of editorial, production, publication and business processes

Aries and Copyright Clearance Center are developing a collaborative solution:
  - Aries/Editorial Manager & ProduXion Manager handles functional workflows
  - CCC RightsLink handles collections & remittances
  - API-coupled data sharing and control signaling

Improved collection times and yields
Streamlined signaling for when to publish
Author Submits

EM/RightsLink Provisional Workflow

Submission confirmation

Editorial and peer review

Submission acceptance

Submission flagged as “payment complete” to trigger downstream workflow

EM notifies RightsLink.
Sends metadata – journal, article type, author, IP Address, ORCID, etc.

EM notified of confirmation

“Payment due” notification to CCC

“Payment complete” notification to EM

APC Author Confirmation Page

APC terms displayed to author based on business rules CCC has agreed with publisher

CCC completes payment transaction (e.g. processes credit card, sends bill, processes waiver request, applies membership, post-pay or pre-pay reconciliation, promotional code etc.)

Copyright Clearance Center

Copyright Clearance Center

Aries systems

Publish Faster. Publish Smarter.
Where Have All The Reviewers Gone?

- I can’t find enough reviewers!
- My reviewers are burned out!
- I can’t match manuscripts to reviewers easily!

Reviewer Discovery with ProQuest

- Database of 3.5 million curated profiles
- Researcher-centric, rather than article-centric
- Biographies and bibliographies
- Title, abstract and authors are sent by API to Pivot
- Pivot “fingerprint” matching
- Up to 100 candidate matches returned
- Selected candidates auto-registered into editorial workflow
- De-duplication against existing EM people database
- And most importantly, profiles include email addresses
Title, Abstract, Authors

ProQuest

COS 3.5 million profiles

pivot™

You're Invited

Closest Matched Reviewer Candidates

Fingerprint Matching

Aries systems

Publish Faster. Publish Smarter.
How Can I Manage What I Can’t Measure

With EAR and X-EAR, You Can...

• Advanced, interactive reporting tools – Enterprise Analytics Reporting
• Single publication and cross-publication (X-EAR)
• Comprehensive data schema is available to the publisher
• Joins on views and tables (X-EAR with easily extended views)
• Single publication and thousands of publications – similar performance
• Tools include filters, gauges, tables, graphs, scheduling, emailing, etc.
• Standard, Custom Public, Custom Private, Shareable report inventories
• Flexible reporting sub-groups in development
• Fully integrated permissioning and access control
Sample Gauge output from X-EAR

**Fastest Task Types**
- Scheduled
- Production Queue
- Edit Submission
- Prod Check
- Production Check
- Special Issue Designation
- Ready to Schedule
- Subject Heads Assignment
- Subject Head Assignment
- Ready to Transmit
- Copyedit
- PAP Transmittal

**Slowest Task Types**
- FTP Transmit to Comp
- Author Query
- PAP Transmittal
- Copyedit
- Ready to Transmit
- Subject Head Assignment
- Subject Heads Assignment
- Ready to Schedule
- Special Issues Designation
- Production Check
• Classic API models:
  • Purpose-built, may require complex logic/data structures
  • Not susceptible to “one-solution-fits-all” approach
  • Some available with Editorial Manager for 10+ years

• Super-Flex(ible) model:
  • SQL as the ultimate API mechanism (interface between application and data)
  • Real-time replication of live metadata database onto mirror data server
  • Access to entire e-submission/e-production metadata data model
  • Simple and complex API query constructs through SQL
  • Zero performance impact on live application even with extensive, heavy duty queries
  • Assures integrity of live application database
  • Can run customer-developed “widget” applications directly on mirror server for even greater flexibility
Rich API Solutions with EM
• Extensive user-driven configurability (new article types, submission questions and questionnaires, etc.)
• Extensive manuscript transfer options
• Mobile-friendly today, apps coming!
• ORCID Single Sign-On
• Multilingual interfaces (8 languages)
• E-mail drop boxes
• iCal attachments