About Chris Burghardt

Web of Science
About ProQuest
### Solutions for research, teaching & learning in response to library and user challenges

<table>
<thead>
<tr>
<th>Content, Models, Services</th>
<th>Workflow Solutions for Researchers &amp; Libraries</th>
<th>Teaching, Research, &amp; Learning Workflows</th>
</tr>
</thead>
<tbody>
<tr>
<td>- ProQuest SAFE</td>
<td>- ProQuest Platform</td>
<td>- Teaching &amp; Learning Services</td>
</tr>
<tr>
<td>- ALEXANDER STREET</td>
<td>- ProQuest Ebook Central®</td>
<td>- ExLibris Leganto</td>
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<td>a ProQuest Company</td>
<td>- ExLibris Alma</td>
<td>- ExLibris Esploro</td>
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<td>- ProQuest SAFE</td>
<td>- Summon</td>
<td>- RefWorks</td>
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<td>- ProQuest SAFE</td>
<td>- Primo</td>
<td>- pivot</td>
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<td>- Access-to-Own</td>
<td>- ProQuest Digital Archiving &amp; Access Program</td>
<td>- campusM</td>
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<td>- Access &amp; Build</td>
<td>- Dissertations Publishing</td>
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<td>- Title Matching</td>
<td>- Audio/Visual digitization projects</td>
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More information on available services and solutions can be found on the ProQuest Platform.
Stockholm – September 3, 1967
Role of Aggregators

Realize the potential of all scholarly and educational material
Realizing Scholarly Potential

Aggregation Value
All relevant content types together
Discoverable, accessible, curated
Consolidated “free to me”
(researcher, student, faculty)

Accelerate the pace of discovery in all disciplines
Tools/services adding value
Multi-format scholarship
The Enormity of Scholarly Content

+21M
# Publishers (Global)

2.5M
# Scholarly Articles published in 2018

46%
of college institutions surveyed employ VR in some form on campus

4.4M blogs daily

3.4M (+70%)
# Titles (books) Published (US) compared to 2M in 2013

Usage Data

Videos

AR/VR

News

Archives Databases

Data Sets

Scholarly Monographs

Citations
### Finding the Right Content is More Elusive

<table>
<thead>
<tr>
<th>Activity</th>
<th>2011 Average (mean)</th>
<th>2019 Average (mean)</th>
<th>Change</th>
</tr>
</thead>
<tbody>
<tr>
<td>Searching</td>
<td>3 hours 42 minutes</td>
<td>4 hours 8 minutes</td>
<td>↑</td>
</tr>
<tr>
<td>Reading</td>
<td>5 hours 36 minutes</td>
<td>5 hours 18 minutes</td>
<td>⇔</td>
</tr>
<tr>
<td>Articles</td>
<td>6 articles per week</td>
<td>5.4 articles per week</td>
<td>⇩</td>
</tr>
</tbody>
</table>

#### Graph

- **Y-axis**: Hours
- **X-axis**: Day
- **Max Value**: 24

**Source**: Trust in Research, Elsevier Survey, June 2019
In 2019:
31% of all journal articles are available as OA
52% of article views are to OA articles

By 2025:
44% of all journal articles will be available as OA
70% of article views will be to OA articles
Exclusive Dependence on Text is Declining

Ithaka S&R US Library Survey 2016: "As scholarship moves steadily away from its exclusive dependence on text, libraries must shift their own collecting to include new material types."

Strongly agree | Neither agree nor disagree | Disagree

Baccalaureate
Master's
Doctoral
We asked: “How does this impact faculty, students and librarians?”

“Research and Teaching Rely on Content Diversity”  
ProQuest, 2017

“How the Use of Varied Content Types Drives Impact in Research, Teaching and Learning”  
ProQuest, 2018

“The Librarian’s Point of View On the Need for Varied Content Types”  
ProQuest & Library Journal, 2019
Faculty: Varied Content is Essential to Student Success

- 72% Faculty agree: Achieve better grades on their course
- 91% Faculty agree: Produce better quality assignments
- 93% Faculty agree: Conduct more thorough lit. reviews
- 96% Faculty agree: Understand concepts and ideas more fully

Source: In response to the prompt: "Using a wide variety of different types of information allows students to..." from the 2017 ProQuest global survey of graduate-level through faculty researchers (N=410)
“Academic research is expanding beyond the traditional journal and monograph into new formats. Libraries must evolve their collections to account for this.”

—Library Journal study

Source: 2019 Librarian survey (N=611)
Librarians: Unifying Content Creates Advantages

- 87% of librarians agree that scholarship depends on multiple formats.
- 94% of librarians agree that students don’t know what sources to trust.
- 66% of librarians agree that unifying content simplifies access.
- 67% of librarians agree that multi-disc., multiformat databases are needed.

Source: "The Librarian's Point of View On the Need for Varied Content Types," 2019
“The ideal database would include books, ebooks, periodicals and streaming media, etc. but each type of information would be clearly identified. It would also be possible to easily filter content to a specific format so that students aren't overwhelmed with 999,000 results from their initial search.”

—Library Dean

Source: 2019 Librarian survey (N=611)
The Need for a Single Destination

FROM CONTENT DATABASE SILOS...

<table>
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<tr>
<th>Reference Materials</th>
<th>Videos</th>
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<tr>
<td>Ebooks</td>
<td>Newspapers</td>
</tr>
<tr>
<td>Journal Articles</td>
<td>Grey Literature</td>
</tr>
<tr>
<td>Primary Sources</td>
<td>Dissertations</td>
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TO MULTI-FORMAT CROSS-SEARCHING

Reference Materials  | Ebooks |
<table>
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Multi-Format / Multi-Disciplinary Products

Comprehensive Curation and Indexing of both Open and Paywall Content

- Articles (incl. Pre Prints)
- Books (incl. OER)
- Dissertations & Theses
- Video (incl. 360 VR)
Content Curation at ProQuest

- Model Agnostic Selection (Open + Paywall)
- Consistent Enrichment and Indexing
- Multi/SINGLE Disciplinary Aggregation
Creating One Unified Experience

Journals  News

Ebooks  Video
Publicly Available Content (PAC) Database

Multidisciplinary, curated collection of scholarly open access content.
“...I would like to talk about the functionality - I wish the multidisciplinary dbase would offer **the best of the discipline specific ones** - really good ways to narrow down topics when getting back so many results.”

—Subject Librarian

Source: 2019 Librarian survey (N=611)
Reinventing Discipline-Specific Aggregation
Open Access Support in Ex Libris Solutions

- Primo Index & Link out
- Summon Index & Link out
- Alma OA Indicator
- Link Resolvers (KB+Unpaywall)
- Leganto OER

Esploro Research Outputs (“IR”), APC Support, and more to come
Role of Aggregators

Realize the potential of all scholarly and educational material
Questions...
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