2019

ScholarlyCommons FY19 Report

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Abstract
ScholarlyCommons (http://repository.upenn.edu/) has served as the University of Pennsylvania's open access institutional repository since 2004. The repository, hosted on Elsevier's bepress Digital Commons software, allows for faculty, students, and Penn researchers to share scholarly materials publicly and without paywalls.

Fiscal Year 2019 (July 1, 2018 - June 30, 2019) was a year of maintenance, as Library-wide strategic planning and other initiatives took precedence over direct repository-related outreach. That being said, the repository still experienced growth consistent with years prior, including new projects, journals, and faculty paper uploads.

The first part of the FY19 report contains a series of charts and graphics illustrating FY19 downloads, uploads, and general repository use. The second part of the report contains brief profiles of new projects and collaborations undertaken by repository staff in FY19. All data for this report was collected in July 2019.
ScholarlyCommons FY19 Report

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Statistics

This section contains graphs, charts and other visualizations depicting ScholarlyCommons activity in FY19. All data for these charts was pulled from the Digital Commons Dashboard and a local spreadsheet containing historical ScholarlyCommons data. Unless otherwise noted, all data was collected in July 2019.

Download Statistics

ScholarlyCommons received its highest number of annual downloads in FY19, slightly besting FY18 totals. The graphics and charts below demonstrate the year-over-year growth of repository downloads, as well as the most popular “series,” or collections, in the repository all-time. This information demonstrates the wide variety of content types hosted in the repository, as well as the impact open access to faculty research and ETDs, among other materials, has on the general readership at Penn and elsewhere. ScholarlyCommons remains an extremely popular point of access for Penn-produced scholarship.

Full-Text Downloads by Fiscal Year

![Graph showing Full-Text Downloads by Fiscal Year]
FY19 Downloads by Collection

FY19 Downloads by Collection (Top 20)

<table>
<thead>
<tr>
<th>Collection Title</th>
<th>Downloads</th>
</tr>
</thead>
<tbody>
<tr>
<td>Publicly Accessible Penn Dissertations</td>
<td>254,294</td>
</tr>
<tr>
<td>TTCSP Global Go To Think Tank Index Reports</td>
<td>167,455</td>
</tr>
<tr>
<td>Departmental Papers (ASC)</td>
<td>129,347</td>
</tr>
<tr>
<td>Theses (Historic Preservation)</td>
<td>99,158</td>
</tr>
<tr>
<td>Marketing Papers</td>
<td>82,686</td>
</tr>
<tr>
<td>GSE Publications</td>
<td>80,822</td>
</tr>
<tr>
<td>University of Pennsylvania Working Papers in Linguistics</td>
<td>72,728</td>
</tr>
<tr>
<td>Management Papers</td>
<td>68,349</td>
</tr>
<tr>
<td>Senior Design Reports (CBE)</td>
<td>67,614</td>
</tr>
<tr>
<td>Master of Applied Positive Psychology (MAPP) Capstone Projects</td>
<td>60,382</td>
</tr>
<tr>
<td>Departmental Papers (CIS)</td>
<td>59,543</td>
</tr>
<tr>
<td>Technical Reports (CIS)</td>
<td>58,113</td>
</tr>
<tr>
<td>Wharton Research Scholars</td>
<td>50,795</td>
</tr>
<tr>
<td>CUREJ - College Undergraduate Research Electronic Journal</td>
<td>49,793</td>
</tr>
<tr>
<td>Finance Papers</td>
<td>43,013</td>
</tr>
<tr>
<td>Doctorate in Social Work (DSW) Dissertations</td>
<td>41,040</td>
</tr>
<tr>
<td>Country</td>
<td>Downloads</td>
</tr>
<tr>
<td>-------------------------------</td>
<td>-----------</td>
</tr>
<tr>
<td>United States</td>
<td>800,242</td>
</tr>
<tr>
<td>United Kingdom</td>
<td>170,129</td>
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<tr>
<td>China</td>
<td>104,395</td>
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<tr>
<td>India</td>
<td>94,405</td>
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<tr>
<td>Germany</td>
<td>77,710</td>
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<tr>
<td>Canada</td>
<td>70,886</td>
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<tr>
<td>Philippines</td>
<td>52,480</td>
</tr>
<tr>
<td>Australia</td>
<td>50,333</td>
</tr>
<tr>
<td>France</td>
<td>46,303</td>
</tr>
<tr>
<td>Russian Federation</td>
<td>39,556</td>
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<tr>
<td>Netherlands</td>
<td>36,954</td>
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<tr>
<td>South Africa</td>
<td>27,531</td>
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<tr>
<td>Malaysia</td>
<td>26,608</td>
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<tr>
<td>Indonesia</td>
<td>26,096</td>
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<tr>
<td>Nigeria</td>
<td>25,101</td>
</tr>
<tr>
<td>Japan</td>
<td>24,821</td>
</tr>
<tr>
<td>Korea, Republic Of</td>
<td>22,634</td>
</tr>
<tr>
<td>Brazil</td>
<td>22,221</td>
</tr>
<tr>
<td>Italy</td>
<td>22,205</td>
</tr>
<tr>
<td>Spain</td>
<td>19,709</td>
</tr>
</tbody>
</table>

FY19 Downloads by Country (Top 20)
### FY19 Downloads by Region

![Map showing downloads by region](image)

### FY19 Most Downloaded Items (Top 20)

<table>
<thead>
<tr>
<th>Title</th>
<th>URL</th>
<th>Downloads</th>
</tr>
</thead>
<tbody>
<tr>
<td>2018 Global Go To Think Tank Index Report</td>
<td><a href="http://repository.upenn.edu/think_tanks/16">http://repository.upenn.edu/think_tanks/16</a></td>
<td>72,516</td>
</tr>
<tr>
<td>2017 Global Go To Think Tank Index Report</td>
<td><a href="http://repository.upenn.edu/think_tanks/13">http://repository.upenn.edu/think_tanks/13</a></td>
<td>58,470</td>
</tr>
<tr>
<td>Conditional Random Fields: Probabilistic Models for Segmenting and Labeling Sequence Data</td>
<td><a href="http://repository.upenn.edu/cis_papers/159">http://repository.upenn.edu/cis_papers/159</a></td>
<td>15,881</td>
</tr>
<tr>
<td>2016 Global Go To Think Tank Index Report</td>
<td><a href="http://repository.upenn.edu/think_tanks/12">http://repository.upenn.edu/think_tanks/12</a></td>
<td>15,764</td>
</tr>
<tr>
<td>Defining Corporate Social Responsibility: A Systems Approach For Socially Responsible Capitalism</td>
<td><a href="http://repository.upenn.edu/od_theses_mp/9">http://repository.upenn.edu/od_theses_mp/9</a></td>
<td>12,524</td>
</tr>
<tr>
<td>A Rocket Cat? Early Modern Explosives Treatises at Penn</td>
<td><a href="http://repository.upenn.edu/uniqueatpenn/6">http://repository.upenn.edu/uniqueatpenn/6</a></td>
<td>12,506</td>
</tr>
<tr>
<td>More Than Just A Diet: An Inquiry Into Veganism</td>
<td><a href="http://repository.upenn.edu/anthro_seniortheses/156">http://repository.upenn.edu/anthro_seniortheses/156</a></td>
<td>10,402</td>
</tr>
<tr>
<td>Writing A Literature Review For An Applied Master's Degree</td>
<td><a href="http://repository.upenn.edu/od_working_papers/23">http://repository.upenn.edu/od_working_papers/23</a></td>
<td>9,541</td>
</tr>
<tr>
<td>Globalization of Culture Through the Media</td>
<td><a href="http://repository.upenn.edu/asc_papers/325">http://repository.upenn.edu/asc_papers/325</a></td>
<td>9,532</td>
</tr>
<tr>
<td>2014 Global Go To Think Tank Index Report</td>
<td><a href="http://repository.upenn.edu/think_tanks/8">http://repository.upenn.edu/think_tanks/8</a></td>
<td>7,380</td>
</tr>
<tr>
<td>Content Analysis</td>
<td><a href="http://repository.upenn.edu/asc_papers/226">http://repository.upenn.edu/asc_papers/226</a></td>
<td>7,211</td>
</tr>
<tr>
<td>Title</td>
<td>URL</td>
<td>Views</td>
</tr>
<tr>
<td>----------------------------------------------------------------------</td>
<td>----------------------------------------------------------------------</td>
<td>--------</td>
</tr>
<tr>
<td>Message in the Music: Do Lyrics Influence Well-Being?</td>
<td><a href="http://repository.upenn.edu/mapp_capstone/94">http://repository.upenn.edu/mapp_capstone/94</a></td>
<td>7,029</td>
</tr>
<tr>
<td>Process Design for the Production of Ethylene from Ethanol</td>
<td><a href="http://repository.upenn.edu/cbe_sdr/39">http://repository.upenn.edu/cbe_sdr/39</a></td>
<td>6,806</td>
</tr>
<tr>
<td>An Analysis of the Cryptocurrency Industry</td>
<td><a href="http://repository.upenn.edu/wharton_research_scholars/130">http://repository.upenn.edu/wharton_research_scholars/130</a></td>
<td>6,204</td>
</tr>
<tr>
<td>Problems Facing the Pharmaceutical Industry and Approaches to Ensure Long Term Viability</td>
<td><a href="http://repository.upenn.edu/od_theses_msod/33">http://repository.upenn.edu/od_theses_msod/33</a></td>
<td>6,024</td>
</tr>
<tr>
<td>2015 Global Go To Think Tank Index Report</td>
<td><a href="http://repository.upenn.edu/think_tanks/10">http://repository.upenn.edu/think_tanks/10</a></td>
<td>5,914</td>
</tr>
<tr>
<td>Second Language Acquisition Research and Applied Linguistics</td>
<td><a href="http://repository.upenn.edu/gse_pubs/34">http://repository.upenn.edu/gse_pubs/34</a></td>
<td>5,863</td>
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<tr>
<td>Mahatma Gandhi’s Vision for the Future of India: The Role of Enlightened Anarchy</td>
<td><a href="http://repository.upenn.edu/phr/vol16/iss1/5">http://repository.upenn.edu/phr/vol16/iss1/5</a></td>
<td>5,808</td>
</tr>
<tr>
<td>The Business Model: Recent Developments and Future Research</td>
<td><a href="http://repository.upenn.edu/mgmt_papers/74">http://repository.upenn.edu/mgmt_papers/74</a></td>
<td>5,769</td>
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<tr>
<td>Motivations and Benefits of Student Volunteering: Comparing Regular, Occasional, and Non-Volunteers in Five Countries</td>
<td><a href="http://repository.upenn.edu/spp_papers/153">http://repository.upenn.edu/spp_papers/153</a></td>
<td>5,553</td>
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</tbody>
</table>
Upload Statistics

There was a slight uptick in uploads in FY19 over last fiscal year (2,500 in FY19 vs. 2,291 in FY18). The charts below demonstrate the quantity of uploads to the repository, as well as the variety. Overall, uploads have held relatively steady over the past few years.
Fiscal Year Uploads by Document Type

Repository Uploads by Document Type (% of total FY uploads)
New Projects and Collections

The ScholarlyCommons team consulted on 18 new digital projects in FY19, 11 of which passed through to completion and publication in the repository. The other seven remain in various stages of the project lifecycle, including “unpursued” or “on hold.” The section includes only completed projects.

The projects included in this section are for those which had an initial consultation taking place between July 1, 2018 and June 30, 2019. Note that some older projects were completed during this time, but the initial consultation took place in FY18 or earlier. Additionally, these projects represent a subset of the overall work that takes place around the repository and does not present a complete picture of “growth” or general interest in our services. For instance, this information does not capture consultations around existing collections, which can be quite substantive.

Completed Projects

Dropsie College Dissertations

- **Types of Materials To Be Published**
  - ETD
- **Affiliated School/Department**
  - Library at the Herbert D. Katz Center for Advanced Judaic Studies, Penn Libraries
- **Project Description**
  - Libraries staff wanted to provide a public collection for digitized dissertations from Dropsie College.
- **Status**
  - All files uploaded to backend of system; waiting on admin approval to publish as of July/August 2019. Structure available at [https://repository.upenn.edu/dropsietheses/](https://repository.upenn.edu/dropsietheses/)

Doctor of Nursing Practice Projects

- **Types of Materials To Be Published**
  - Capstones
- **Affiliated School/Department**
  - School of Nursing
- **Project Description**
  - Program administrator was interested in setting up collection for the forthcoming program's capstones (Doctor of Nursing Practice).
- **Status**
  - Structure established at [https://repository.upenn.edu/dnp/](https://repository.upenn.edu/dnp/)
Kedma

- **Types of Materials To Be Published**
  - Journal Articles

- **Affiliated School/Department**
  - Jewish & Israel Studies, School of Arts and Sciences

- **Project Description**
  - Group was interested in archiving the student journal for Jewish and Israeli Studies, *Kedma*, in advance of revitalization after a few years of dormancy.

- **Status**
  - Structure established at https://repository.upenn.edu/kedma/

Penn Immersive

- **Types of Materials To Be Published**
  - Working papers, grey literature, posters, other ephemera

- **Affiliated School/Department**
  - Penn Libraries

- **Project Description**
  - Collection for distributing organizational content related to the Penn Immersive project at the Penn Libraries.

- **Status**
  - Structure established at https://repository.upenn.edu/pennimmersive/

Additional EdX SEAS MOOCs on Robotics and Computing

- **Types of Materials To Be Published**
  - Videos (MOOC content)

- **Affiliated School/Department**
  - School of Engineering and Applied Sciences

- **Project Description**
  - Creation of additional structures to accommodate multiple EdX courses on robotics.

- **Status**
  - Structure established at https://repository.upenn.edu/engineering_moocs/

Administrative Data Research Facilities Network (ADRF)

- **Types of Materials To Be Published**
  - Working papers, newsletter content, conference proceedings/agenda

- **Affiliated School/Department**
  - N/A

- **Project Description**
  - Creation of collection for storing ADRF working group reports, interviews, and conference proceedings.
• **Status**
  ○ Structure established at [https://repository.upenn.edu/admindata/](https://repository.upenn.edu/admindata/)

**Wharton Pension Research Council**

• **Types of Materials To Be Published**
  ○ Working papers, reports

• **Affiliated School/Department**
  ○ Wharton School

• **Project Description**
  ○ Worked closely with admins at the Wharton Pension Research Council to create a long-term point of access for their hundreds of working papers.

• **Status**
  ○ Structure established at [https://repository.upenn.edu/prc/](https://repository.upenn.edu/prc/)

**History Masters Theses**

• **Types of Materials To Be Published**
  ○ Theses

• **Affiliated School/Department**
  ○ History Department

• **Project Description**
  ○ Creation of collection for Masters Theses for History Department.

• **Status**
  ○ Structure established at [https://repository.upenn.edu/hist_theses/](https://repository.upenn.edu/hist_theses/)

**Penn AHEAD (Alliance for Higher Education and Democracy)**

• **Types of Materials To Be Published**
  ○ Journal articles, working papers, book chapters, reports

• **Affiliated School/Department**
  ○ Graduate School of Education

• **Project Description**
  ○ Worked with Penn AHEAD faculty on creating a space to self-archive their robust collection of scholarship.

• **Status**
  ○ Structure established at [https://repository.upenn.edu/ahead](https://repository.upenn.edu/ahead)

**Master of Behavioral and Decision Sciences Masters Capstones**

• **Types of Materials To Be Published**
  ○ Capstones

• **Affiliated School/Department**
  ○ College of Liberal and Professional Studies

• **Project Description**
○ Worked with MBDS staff to set up a collection and workflow for archiving/distributing their Masters capstones.

● **Status**
  ○ Structure established at [https://repository.upenn.edu/mbds/](https://repository.upenn.edu/mbds/)

**Philadelphia Signs Project**

● **Types of Materials To Be Published**
  ○ Videos

● **Affiliated School/Department**
  ○ Linguistics Department

● **Project Description**
  ○ Project leaders needed to create a collection to stream short videos designed to complement a forthcoming book chapter.

● **Status**
  ○ Structure established at [https://repository.upenn.edu/philly_signs/](https://repository.upenn.edu/philly_signs/)

**Looking Toward the Future**

The repository continues to serve as a significant collection for the Libraries, and it is recognized around campus as a trusted platform for digital publishing and, to some degree, preservation. Furthermore, its role as a freely available and well-supported journal publishing platform is firmly established. There were a number of projects in FY19 that, like years past, attempted to push the repository beyond what it was designed to accommodate. As recommended in previous annual reports, the Libraries should strongly consider supporting a broader array of multimodal publishing platforms and tools. A more comprehensive set of tools and services to support the wide variety of digital projects taking place on campus would further solidify the Libraries as a valued partner in innovative publishing ventures.