Customized CV Service Workflows for DSpace Repositories

http://bit.ly/UHoustonCVWorkflows



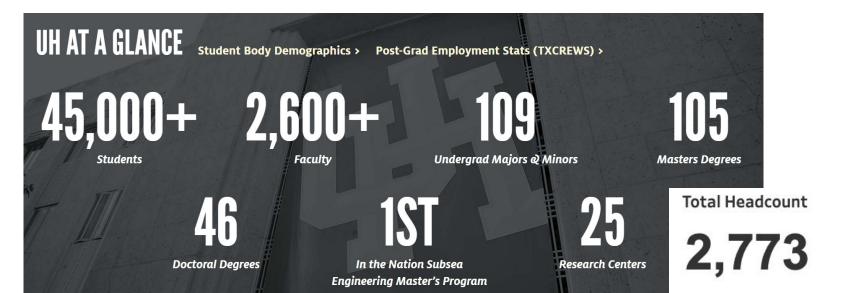
LIBRARIES

Digital Research Commons

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Complete workflow, documentation, and training materials:

bit.ly/UHoustonCVWorkflows



| Professor | 471 |
|---------------------|-------|
| Associate Professor | 372 |
| Assistant Professor | 238 |
| Other Faculty | 1,692 |

What you need:

- 1. This suite of currently free / open source tools:
 - Installation of a DSpace repository
 - SAF Creator and/or the Project IDEALS GUI
 - Installation of OpenRefine
 - Google Drive
 - Asana account for overall project management (free web-based version)
- 2. People power

Phases of the workflow

CV ⇒ Google Drive ⇒ OpenRefine ⇒ batch packager ⇒ DSpace

(data entry + permission checks) (quality control)

End-to-end workflow overseen and managed in Asana

Building the workflows

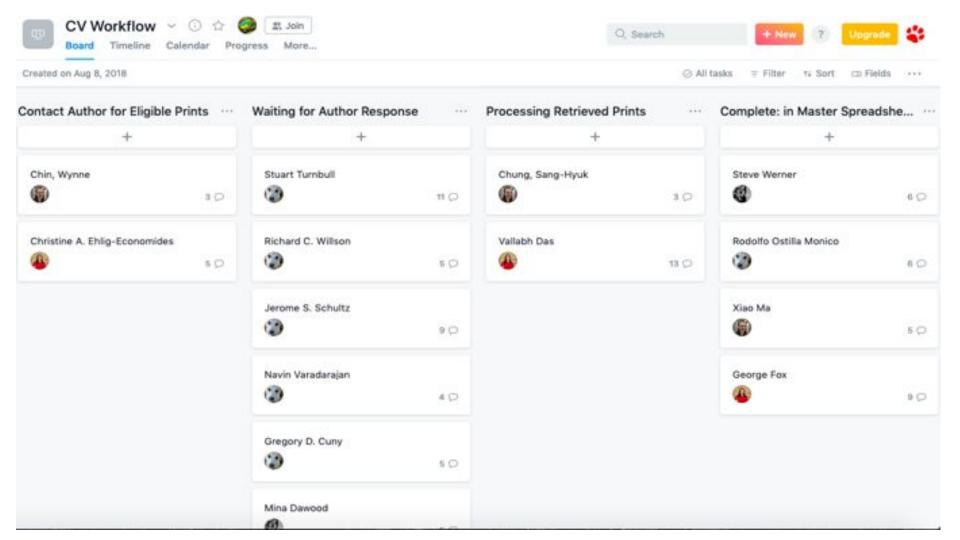
- Determine optimal source for publications data (CVs, Scopus, WoS, ORCID, etc.)
- Arrive at a set of metadata fields to describe all faculty works destined for DSpace (journal articles, book chapters, conference proceedings)
- Customizing packaging application to recognize these fields and to include a standard local license agreement
- Create metadata template to gather descriptive data and associated files
- Describe the parameters of the service (see later slide)
- Finding and training the people power (see later slide)

General parameters of the service

- All faculty at any level may opt-in to the service by submitting CV to the Libraries
- We will process all peer-reviewed journal articles, book chapters, and conference proceedings dating back to start of author's publication record
 - Assumed a stance that publisher policies are retroactive in nature and the same policies that apply to new publications apply to those of 10, 20, 30+ years ago
- Library team is available for in-person, phone, or email consultations at any stage
- Encourage authors to submit their archives of pre- and post-prints to the team upon submission of their CV

Snapshot of the first (almost) 9 months

- 1 year of experimenting and pilot testing (2017-2018)
- 1st team of student employees dedicated to executing the workflows started in Feb. 2019
- Over 9 months, the team has
 - fully processed 63 CVs from 17 academic departments
 - o processed permissions for 2403 peer-reviewed journal articles
 - o prepared 1745 full-text faculty publications for upload to the IR
 - o contacted authors regarding earlier versions for another 1155 items (pending)
- 64% of in-scope faculty publications (journal articles, book chapters, conference proceedings) deposited or soon to be deposited to the IR



Assessment of this approach to mediated deposit

PROS

- New partnership opportunities with faculty and academic/admin units
- Engages liaison librarians with OA matters and DSpace
- Clear roles and responsibilities; no duplication of efforts
- Easy access to accurate and appropriate bibliographic/publication data
- Full control over metadata in IR
- Assurance of publisher policy compliance
- Opportunities for students to learn new tools, systems, and academic publishing landscape

CONS

- Little automation
- Requires staff to be highly trained (esp. difficult where position turnover is high)
- Scaling depends on people hours
- Keep updated on new developments and potential tools across workflow
- Authors have limited access to, and limited time to search for, pre- and post-prints
- Lots of exchange with publishers/editors can slow the process

Room for improvement: permissions process

 Relying less on Sherpa/Romeo and contributing to further development of the OA Button Automated Permissions Tool

Check it out! -> https://openaccessbutton.org/permissions

 Internal databases for book chapters and journal articles not covered or out-of-date in Sherpa/Romeo

Reporting up and out

- Monthly reports to Libraries administration
- Quarterly reports to Provost's Office and Division of Research
- Google Analytics
- JISC-USA metrics pilot participants
- Seeking out alternatives for metrics reporting

Recent developments and what's next

- Bauer College of Business first college to express interest in participating in full
- Contributing internal permissions data to the Open Access Button Automated Permissions Tool
- Open Access Policy at UH: allowing for more automation without faculty approval to process and ingest works on their behalf
- Is this a good thing to do?

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