

# Customized CV Service Workflows for DSpace Repositories

<http://bit.ly/UHoustonCVWorkflows>

UNIVERSITY of **HOUSTON**

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LIBRARIES

Digital Research Commons

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Complete workflow, documentation,  
and training materials:

[bit.ly/UHoustonCVWorkflows](https://bit.ly/UHoustonCVWorkflows)

# UH AT A GLANCE

[Student Body Demographics](#) > [Post-Grad Employment Stats \(TXCREWS\)](#) >

45,000+

Students

2,600+

Faculty

109

Undergrad Majors @ Minors

105

Masters Degrees

46

Doctoral Degrees

1ST

In the Nation Subsea  
Engineering Master's Program

25

Research Centers

Total Headcount

2,773

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
  - processed permissions for 2403 peer-reviewed journal articles
  - prepared 1745 full-text faculty publications for upload to the IR
  - 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





Created on Aug 8, 2018

All tasks

Filter

Sort

Fields



## Contact Author for Eligible Prints



Chin, Wynne



3

Christine A. Ehlig-Economides



5

## Waiting for Author Response



Stuart Turnbull



11

Richard C. Willson



5

Jerome S. Schultz



9

Navin Varadarajan



4

Gregory D. Cuny



5

Mina Dawood



1

## Processing Retrieved Prints



Chung, Sang-Hyuk



3

Vallabh Das



13

## Complete: in Master Spreadsh...



Steve Werner



6

Rodolfo Ostilla Monico



6

Xiao Ma



5

George Fox



9

# 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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# Thank you!

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