



Digital Commons™

From Alerts to Automation: Using the Scopus Harvesting Tool to Improve Faculty Bibliography Workflows

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Riding the Wave

Digital Commons North American Conference 2021
October 26th-28th



Digital Scholarship@UNLV

- Institutional repository with UNLV faculty scholarship, electronic theses and dissertations (ETDs), and undergraduate student work
- Recently added digitized Retrospective Theses and Dissertations from 1977 – 2008 to our collections
- Almost 10 million downloads on over 30,000 full-text items
- Hosts 13 open access journals ranging from undergraduate student research to health sciences and gaming research



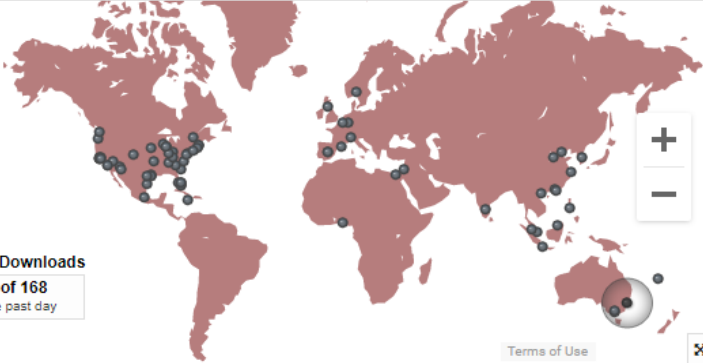
UNLV Bibliography

- Faculty citation bibliography
- Hosted in Digital Scholarship@UNLV
- Launched in 2015
- Obtain faculty citation data from two sources
 - Annual faculty scholarship reporting via Interfolio/Faculty 180
 - Citation database alerts (Web of Science, Scopus, etc.)

Reader from: Macquarie Park, New South Wales, Australia

Best Practices for Cataloging DVD-Video and Blu-ray Discs Using RDA and MARC21
 Mary Huismann, Diane Robson, William Anderson, Lloyd Chittenden, Cyrus Ford Zarganj, Do...

< || >



Recent Downloads
74 of 168
 in the past day

</> Embed	Terms of Use	
8,097 Total Papers	93,846 Total Downloads	45,770 Downloads in the past year

This UNLV Bibliography is a showcase and record of the scholarly and creative output of UNLV researchers. This project preserves, increases discoverability, and provides additional access to UNLV research while enhancing the visibility of UNLV faculty and increasing the impact of their work.

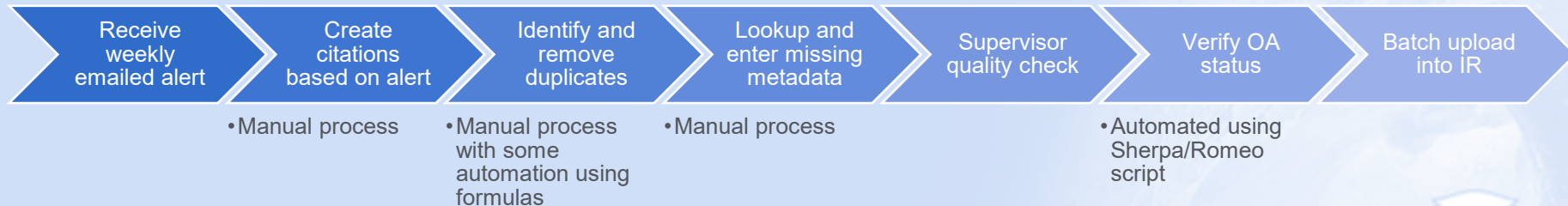
The project launched with a list of entries covering works published in 2015. The University Libraries will update the UNLV Bibliography to build a comprehensive and current bibliography reflecting the full scope of research and creative activities at the university.

For more information about this UNLV Bibliography, please visit: <http://guides.library.unlv.edu/digitalscholarship>

If you are a current UNLV faculty member and wish to add your citations or full-text publications, contact us at digitalscholarship@unlv.edu.



Workflow using database alerts



The good...

- More efficient than our previous processes
- Included regular outreach to faculty, which meant more full-text deposits
- Fairly comprehensive indicator of faculty scholarly and creative works
- Allows for better reporting to colleges/schools
- Resulted in improved metadata practices and documentation



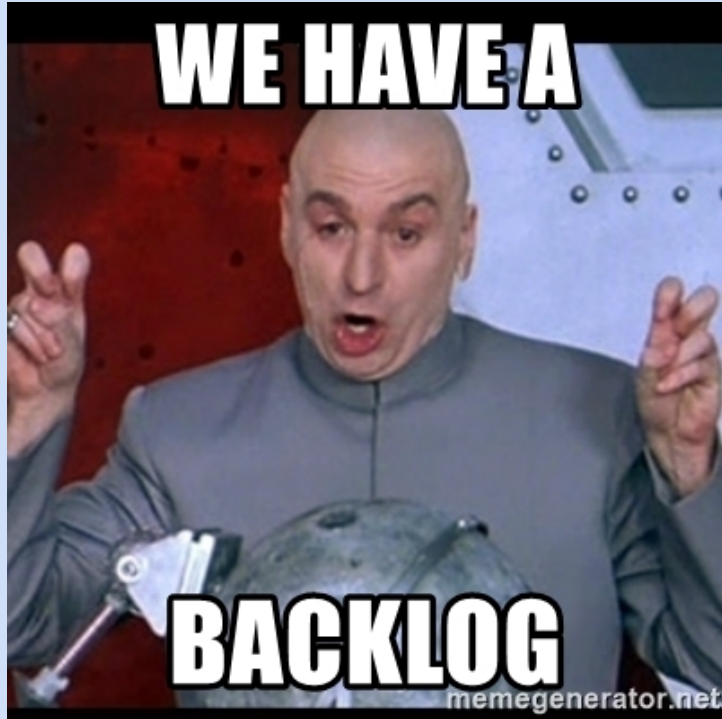
...The bad...

- Mostly manual process
- Time consuming
- Relies heavily on student employee data entry
- Requires staff supervision at multiple points to ensure metadata quality



[Quick meme](#)





Memegenerator.net

...And the ugly

- Workflow requires complex parallel processes with many moving pieces
- Easily backlogged or bottlenecked
- Despite best efforts, errors in metadata require semi-regular auditing



Incorporating the Scopus Harvesting Tool

Goal: to find a more efficient method of obtaining faculty citation data and replace emailed Scopus alerts

- In order to make significant changes to existing workflow we needed to:
 - Pull faculty citations regularly using UNLV affiliation
 - Narrow by year
 - Avoid manual entry as much as possible to ensure better quality metadata
 - Batch upload formatting
 - Automatically duplicate check
 - Reduce time staff and student employees spent on each batch



Initial Impressions



Tool had great potential to make things simpler and easier but...

- Series structures limited use of tool for our needs
- Required to manually de-duplicate
- Required extra work to verify open access status of citations for contacting faculty

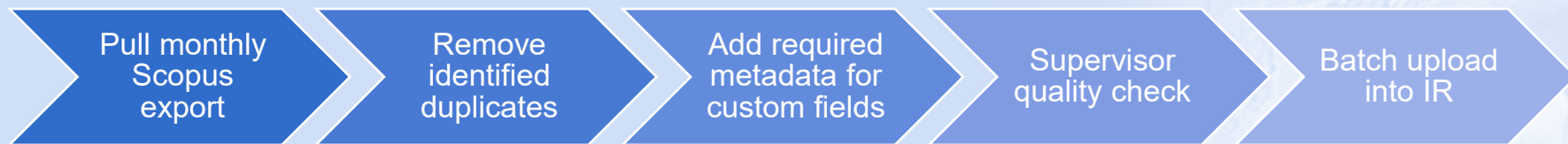


Work arounds and new solutions

- Created “all_fac_articles” collected series to better utilize duplicate check
- Open Access status fields meant no more Sherpa/Romeo script
- Clear duplicate check & identification simplifies and reduces possibility for human error
- Consistent column formatting & order makes it easier to train student employees and quality check their work

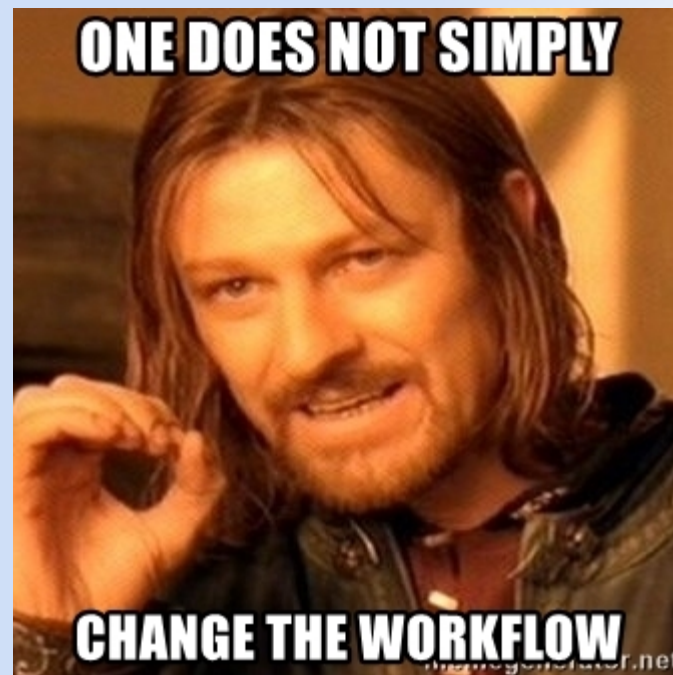


New and improved workflow



Impact on other workflows

- Moved to monthly cycle instead of weekly
- Citations pulled from other databases move forward faster
- Less manual entry means better quality metadata
- Significant reduction in time spent processing Scopus citations



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Looking to the future

- Multiple ORCID harvesting
- Reporting for college/schools on campus
- Exploring ways to automate processing other database alerts

Harvest Search

Select harvesting source and one or more criteria

Source

Scopus ORCID (beta) PubMed (beta) [i](#)

Author ID

Single ORCID ID e.g. 0123-2345-4567-7890

Export results for multiple ORCID IDs e.g. Type or paste multiple ORCID IDs, one per line to immedi



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Thank you

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