Deep Blue / Michigan Research Experts Integration, Next Century Library Share Summit

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Deep Blue / Michigan Research Experts Integration
Rebecca Welzenbach, Research Impact Librarian
Next Century Library Share Summit
November 14, 2018
The Michigan Research Experts Information Architecture

UNIVERSITY OF MICHIGAN FEEDS
- Person metadata
- Grants metadata

SHIBBOLETH SSO
User authentication to support single sign on

EXTERNAL DATA FEEDS
- Dimensions
- Scopus
- Google Scholar
- Web of Science
- Crossref
- Europe PubMed Central
- CiNii
- PubMed
- RePEc
- dblp

Dimensions
Richly interlinked research database used by UM to analyse global research and contextualise their work. Currently includes:
- 997m publications
- 41.1m grants
- 424k clinical trials
- 361k policy documents

Dimensions Profiles
Discovery and analysis platform for data fed from UM Elements system. Currently includes:
- 4,869 experts
- 260,564 publications
- 17,640 grants
- 11,901 patents
- 1,895 clinical trials

Dimensions Plus
Data source for additional UM Faculty, Patents, and Clinical Trials not yet captured in Elements

readcube
Enhanced PDF Viewer for OA articles in Dimensions Profiles and Dimensions Plus

Altmetric
Online attention tracking for over 12m outputs

Elements
Research Information Management solution for data collection, curation and enrichment. Profile data claimed or added by UM researchers is used to automatically populate downstream systems including Dimensions Profiles, UM Deep Blue Repository and other reporting tools

DEEP BLUE
Institutional Repository (Dspace)

Source: Byrne, Kate and Stephen Cawley. Connections, Collaborations, & Impact: Data-Driven Approaches to Understanding institutional research expertise. Digital Science case study. October 2018 (pending publication)
This is a diagram showing the underlying information architecture and connections behind Michigan Research Experts.
RT2 - Harvest Crosswalks

- Test and review crosswalk (1 week) [Jim Ottaviani - Mon, Nov 12]

RT2 - Deposit Crosswalks

- Test and review crosswalk (1 week) [Jim Ottaviani - Mon, Dec 10]
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<th>Underlying field in Elements</th>
<th>data type</th>
<th>Default mapping field usage</th>
<th>Default source field in Repository</th>
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