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## Implementing a research activity discovery tool at Northeastern University

Hillary Corbett  
*Northeastern University*

Joan Omoruyi  
*Northeastern University*

Ernesto Valencia  
*Northeastern University*

Patrick Yott  
*Northeastern University*

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# Implementing a Research Activity Discovery Tool at Northeastern University

Hillary Corbett, Joan Omoruyi, Ernesto Valencia, Patrick Yott  
University Libraries

## Why does NU need this kind of tool?

- **Faculty/Researchers:** up-to-date, attractive, low-maintenance profiles
- **Department chairs and deans of colleges:** assessment of their faculty's annual research activity
- **Research administrators:** visualizing research activity across the institution
- **Advancement:** publicizing the University's research activity to potential funders and donors, prospective students and faculty, and other research institutions



## We talked to...



- ✓ Office of the Vice Provost for Research
- ✓ Center for Research Innovation
- ✓ Colleges and Departments
- ✓ Centers and Institutes
- ✓ Information Services
- ✓ Advancement

## What do they want this tool to provide?

### For internal use:

- Support for interdisciplinary research
- Interoperability with other systems on campus
- Single data-entry point

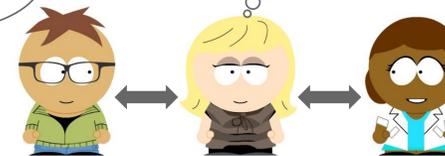
### For external use:

- Widespread exposure of NU research
  - potential industry partners/private donors
  - opportunities for external research collaboration
  - recruitment of students/faculty
  - accessibility for govt. policy/regulatory affairs

We should collaborate on a new project!

Hmm, maybe they can help me write my grant proposal...

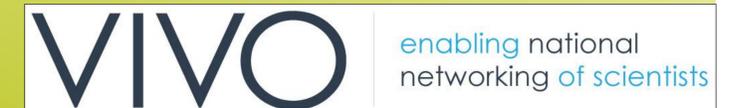
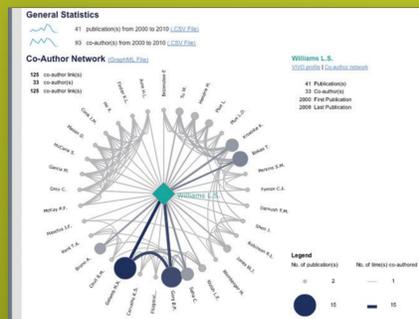
I didn't know you researched in my area!



## What's next?

- Load more complete publication data
- Conduct usability testing
- Build connections as needed to other campus resources
  - Digital Repository Services (DRS)
  - New research website
  - Digital Measures, COEUS, etc.
- Finalize plan for ongoing funding, assessment, and support

## Researcher network visualizations: Topical analysis of research:



- A robust, open-source solution
- NIH-funded project originally developed at Cornell
- Semantic web application coupled with an ontology editor
- Uses the Resource Description Framework (RDF)
- Supports large-scale data ingestion
- Built to interact with other software
- Highly customizable

Our test installation:  
**vivo.neu.edu**

