

Elsevier Research Intelligence

Research Networking Systems: A Data Treasure Trove for Creating Strategic Research Initiatives and Analyses

...it's like The View...except at VIVO...

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Who we are...



Northwestern

Ruth Allee



Research Intelligence

Cynthia Cleto



U Minnesota

Jan Fransen



U Minnesota

Kate McCready



REACH NC

Sharlini Sankaran



Duke

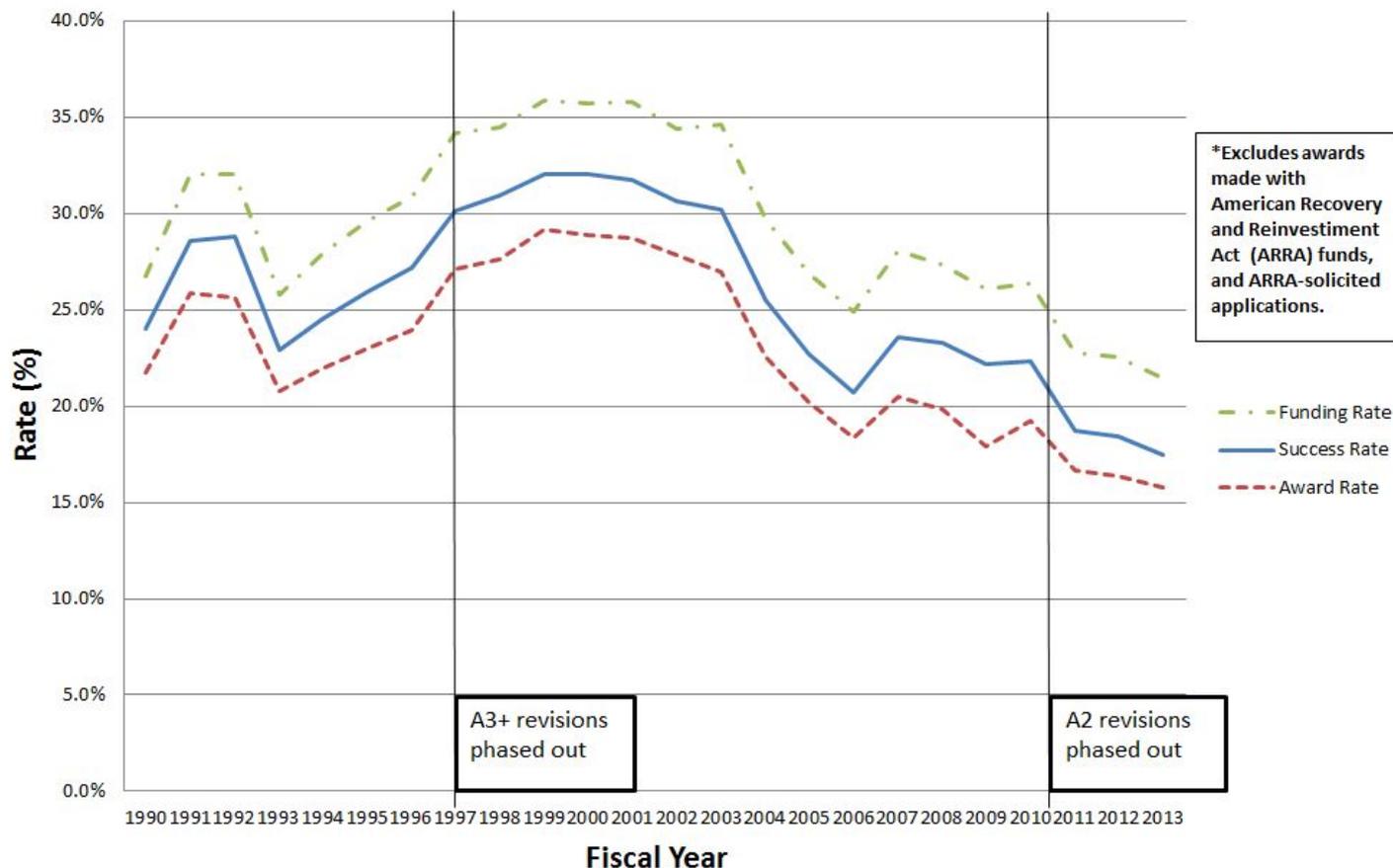
Julia Trimmer

Before...

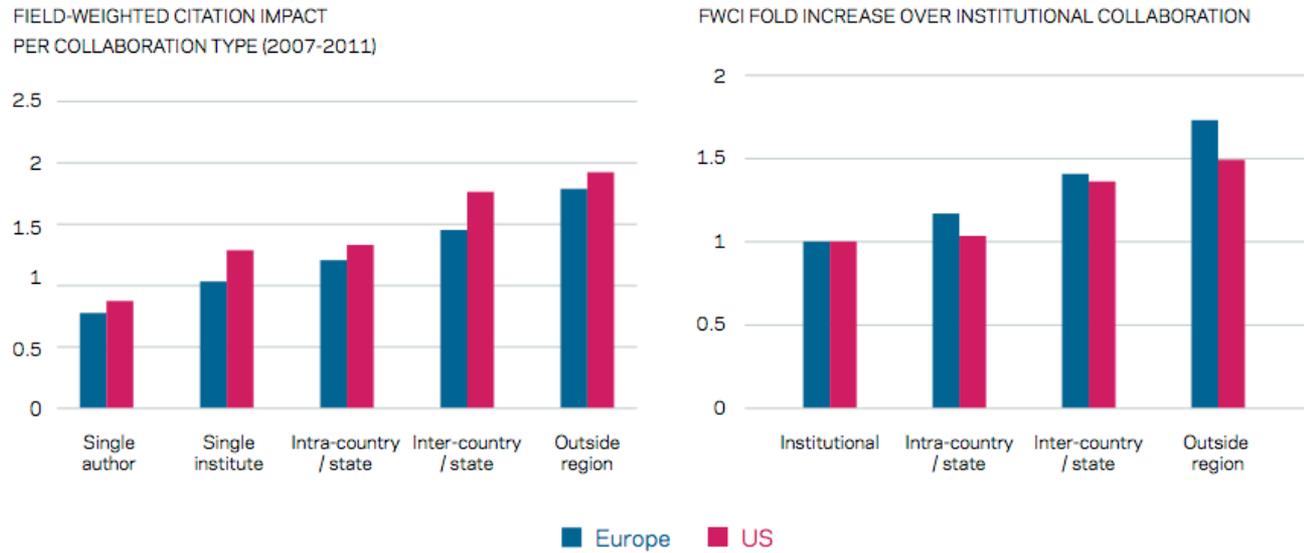


Collaboration in a competitive grants landscape

**Funding, Award and Success Rates* for R01 Equivalents
Fiscal Years 1990-2013**



Collaboration positively correlated to impact



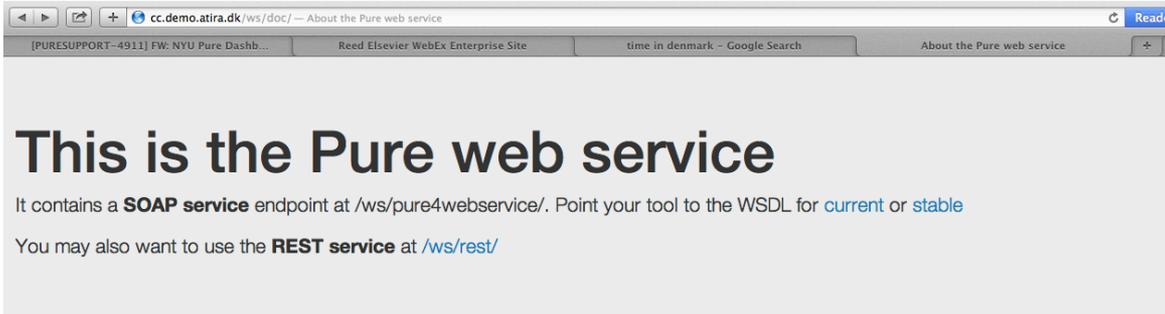
FWCI FOLD INCREASE OVER INSTITUTIONAL COLLABORATION				
	Institutional	Intra-country / state	Inter-country / state	Outside region
EUROPE	1	1.17	1.41	1.73
US	1	1.03	1.37	1.49

Figure 8 — European and US field-weighted citation impact by collaboration type, 2007-2011, (left) absolute values per collaboration type, (right) fold increase over institutional collaboration.

What happens to the data...

- finding experts and collaboration (research-centric)
- getting more grant dollars (funding-centric)
- economic development (funding/economy-centric)
- enhancing other sites with relevant data (marketing/data-centric)
- creating new visualizations from data (discovery/insight/data-centric)

Pure Web Service



Use cases and examples

- Person
- Organisation
- Research Output
- OAI
- Documentation
- Available Endpoints

Person

Description	Uri
List of first persons	/ws/rest/person
Show a window of ten persons from 10-20	/ws/rest/person?rendering=xml_long&window.size=10&window.offset=10
List of persons order by last name	/ws/rest/person?orderBy.property=lastName
To Show information for a specific person, including organisation associated in xml_long format	/ws/rest/person?uuids.uuid=975731c9-a130-4444-9600-a73dadd16f53&rendering=xml_long
Show all research output for a specific person of contribution to journal - article	/ws/rest/publication?associatedPersonUuids.uuid=8983bb5d-99b4-4612-bef8-e4a29985fbbd&typeClassificationUri=/dk/atira/put/researchoutputtypes/contributiontojournal/article&window.size=20



Northwestern's SPARQL endpoint

The screenshot shows a web browser window with the address bar displaying `vivo.scholars.northwestern.edu`. The browser tabs include "4911] FW: NYU Pure Dashb...", "Reed Elsevier WebEx Enterprise Site", "time in denmark - Google Search", and "Northwestern Scholars - Web". The page header features the Northwestern University logo and the text "Northwestern Scholars". Below the header is a breadcrumb trail: "Home > Semantic Web Portal > Sparql Query".

Query Box

The query box at the right may be used for individual SPARQL queries, or you may use it to test a query that you wish to use directly with the SPARQL server. You may use or modify the sample queries below.

- [Feinberg Clinical Faculty in Northwestern Scholars](#)
- [List of Academic Departments in Northwestern Scholars](#)
- [Publications of a particular faculty member in Northwestern Scholars](#)

SPARQL Query

Please write your SPARQL query and select the output data format.

Output:

Force the accept header to text/plain regardless (Only apply to Text and Csv Output)

After...



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Thank you!

Cynthia Cleto

c.cleto@elsevier.com

646-306-8371