

A photograph of the Syracuse University Libraries building at night. The building is a large, modern structure with a prominent central tower and a flat roof. The interior lights are on, and the building is illuminated by streetlights. The sky is a deep blue, and there are trees in the foreground.

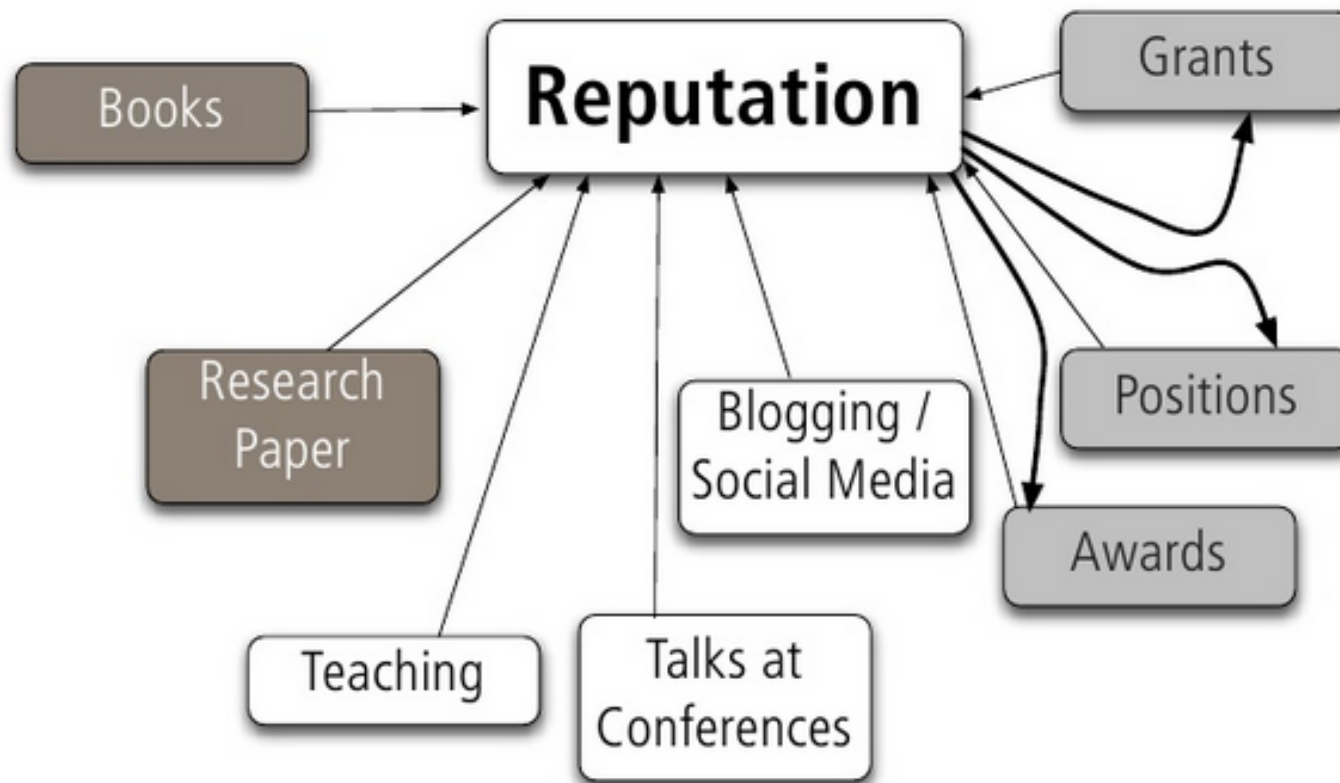
Syracuse University Libraries

Creating a Culture of Research Reputation through Research Information Management Systems

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What is Research Reputation?



Current Tools

- » Pure by Elsevier
- » Symplectic Elements by Digital Science
- » Converis by Clarivate Analytics
- » Vivo
- » May be more in development

Syracuse Goals

1. Identifying expertise
2. Matching funding opportunities to university experts
3. Reduce burden

Goal 1: Identifying Expertise

- » No systematic way to identify which faculty do what research
- » No central expertise database
- » No way to see interdepartmental or cross-college collaborations

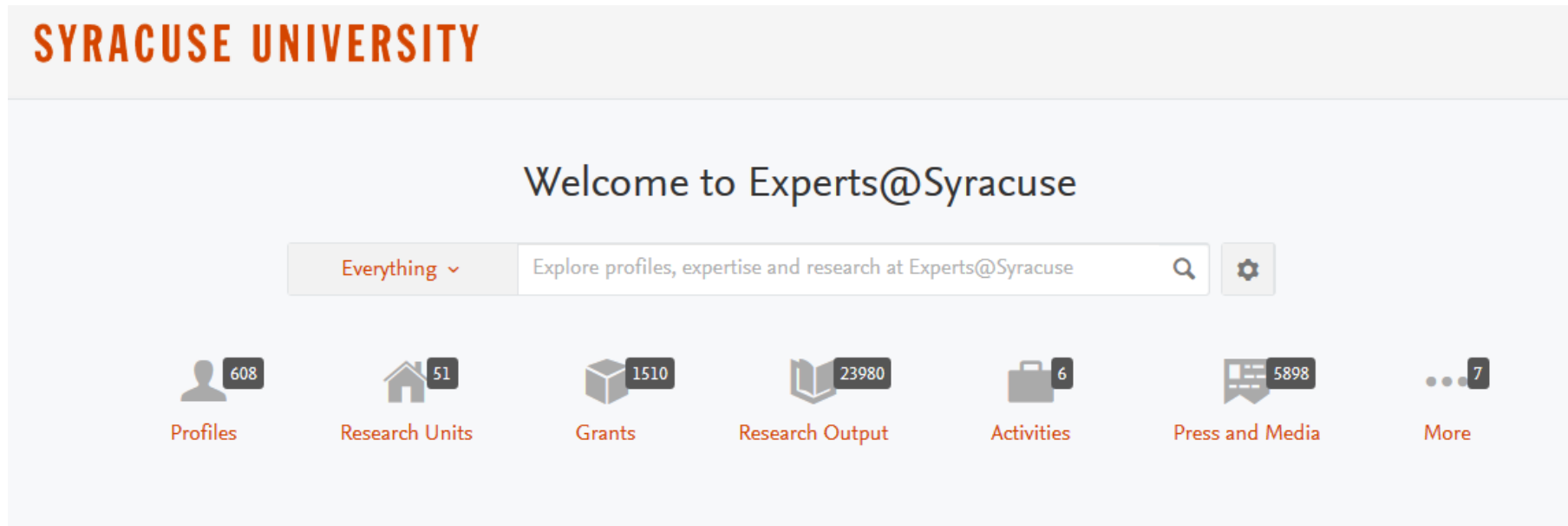
Goal 2: Matching Funding

- » No systematic way to align funding opportunities with researchers
- » University's other funding search mechanisms require significant researcher effort

Goal 3: Reduce Burden

- » Reduce duplicate efforts to maintain publication records and grant information across campus
- » Less faculty time keeping multiple profiles current
- » Facilitate outsiders finding experts or collaborators
- » Simplify data collection/reporting

Solution



Experts@Syracuse

Experts@Syracuse is a powerful tool that enables new insights into the scholarly expertise and collaborative opportunities that exist within Syracuse University and at other universities. It is designed to help faculty members, departments, and potential collaborators identify who is working in what research or scholarly areas at Syracuse University. [Search for Funding](#) or update your profile, [Sign in here](#), or click the Log into Pure link at the bottom of any page. For help, visit the [Frequently Asked Questions page](#)

Syracuse Challenges

- » Scaling up
- » Humanities, visual, & performing arts
- » Non-grant funded research
- » Faculty participation

Why Libraries?



Librarian Skills



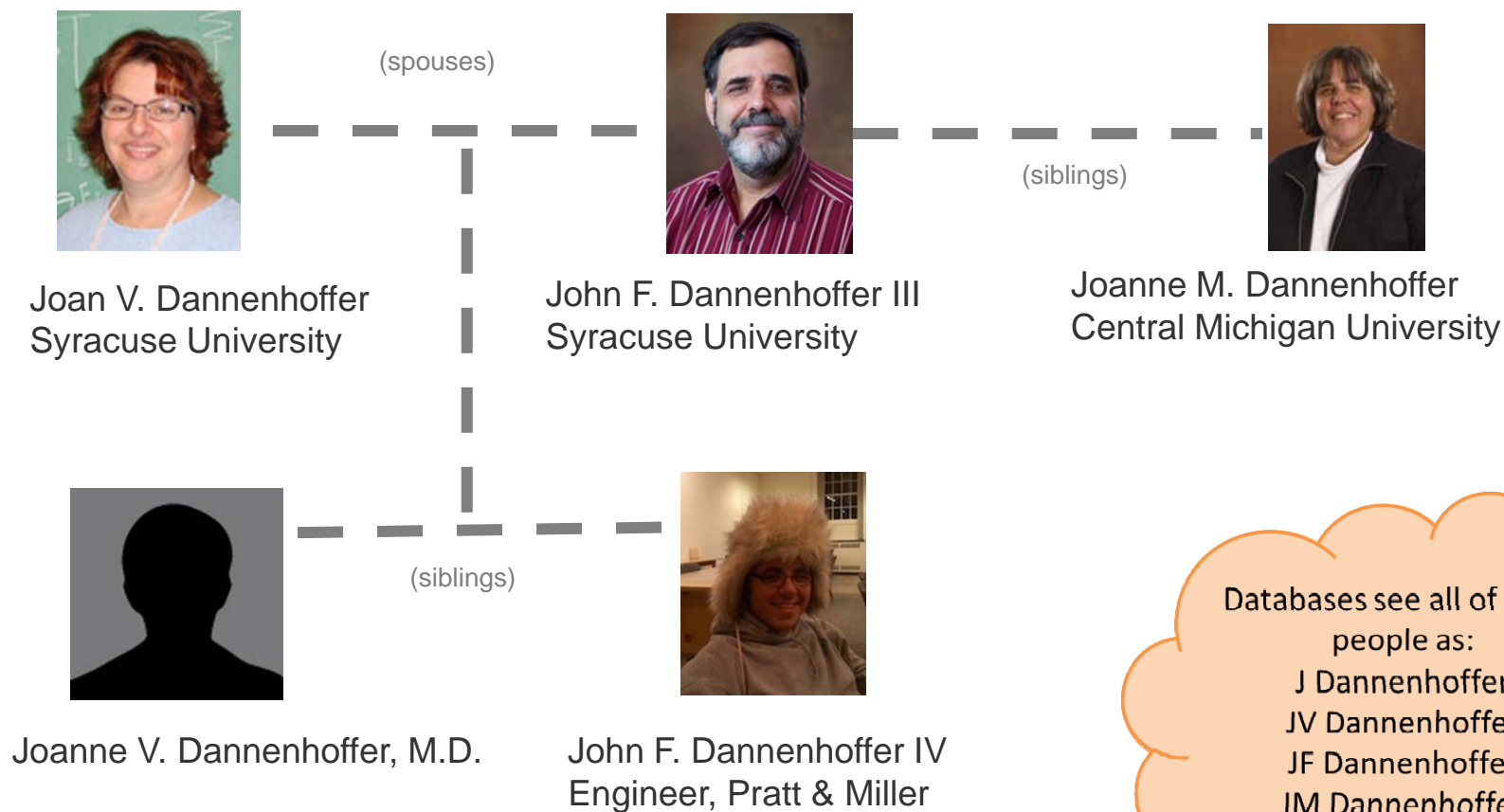
Information Market



Web of Science

ENDNOTE™

Author Disambiguation



Cataloging People

- » For research information systems:
 - Knowledge is heavily distributed on a campus
 - Requires organization to reach its maximum potential
 - The person becomes the fundamental unit rather than the publication



Libraries - Strategic Involvement

- » Connection to other library initiatives
 - Developing skills that crossover
 - Open publishing, metadata, assessment, repositories, linked data...

- » Enhances involvement in research life cycle
 - Evolving from content provider to infrastructure enabler
 - » Upstream (grant seeking, data preservation)
 - » Downstream (social media, analysis, promotion, development, research compliance)
 - » See OCLC's [Evolving Scholarly Record white paper](#)

Project Team Responsibilities

Office of Research

- » Understanding of research infrastructure
- » Queries from HR tables for profile updates
- » Master profile list maintenance
- » Data hierarchy structures

Sponsored Programs

- » Understanding of funding landscape
- » Data feeds from Sponsored Programs
- » Promote the usage of the Funding Discovery module
- » Promote networking to facilitate research growth

Libraries

- » Understanding of scholarly publishing
- » XML support
- » Hands-on training
- » Scopus expertise
- » API integration of other data sources (WorldCat, Web of Science, etc.)

Institutional Investment



Broader Information Community Impact

- » Collections community
- » Scholarly communication community
- » Open access community
- » Bibliometrics community
- » Standards community / NISO
- » Research compliance community
- » Funding community
- » Researcher communities
- » ...

International Perspective

- » Global use across communities has implications for:
 - RIM development
 - Data standards and implementation
 - Access standards (RA-21)



Transparency



How NISO Can Be Involved

- » Define research reputation data
- » Standards for humanities, visual, and performing arts creative works
- » Convening commercial, academic, and open communities to collaborate at scale
- » Continue work on access standards (RA-21)
- » Evolve standards centered on researcher as fundamental unit

Questions?

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