Research Information Management at Syracuse University: A Team Approach

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• Private research university
• In the 2015 Carnegie Classification of Institutions of Higher Education, moved from R2 to R1

• 15,000 undergraduates
• 5,000 graduate students
Initial Project Goals

• Find Expertise
• Grow Collaboration
• Propel Research
WHY?
Challenge 1: Identifying Expertise

• No systematic way to identify which faculty do what research
• No expertise database
• No way to see interdepartmental or cross-college collaborations
Challenge 2: Matching Funding

• No systematic way to align funding opportunities with researchers
• University’s other funding search mechanisms require significant researcher effort
Challenge 3: Reduce Burden

- Reduce duplicate efforts to maintain publication records and grant information across campus
- Reduce faculty time spent keeping multiple profiles up to date
- Facilitate outsiders to quickly find experts or potential collaborators
- Potential for simplifying data collection and reporting for internal and external requests
ROLLOUT
Timeline

- **2015** – product investigation and contracting
- **January 2016** – revised project team assembled
- **Winter / Spring 2016** – initial data loads, hierarchy development, account creation, local branding, and help documentation
- **May 2016** – faculty rollout
Local Branding

Welcome to 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.
Local Help

Find collaborators

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.

Based on tailored research profiles that are automatically created, the system requires minimal effort to maintain. Profiles include publications tracked by Scopus (an enormous interdisciplinary database), grants from the Office of Sponsored Programs database and University departmental affiliations. View a full list of departments by school and college.

Experts@Syracuse is a collaborative initiative co-sponsored by the Office of Research and the Syracuse University Libraries.

+ The purpose of this tool
+ How researcher profiles work
Email Help

• We use one email address: experts@syr.edu
• Behind that we run Orange Tracker (local JIRA system)
• Based on question, staff best suited handle the request
  – Libraries
  – Office of Research
  – Office of Sponsored Programs
Communication Plan

• Campus wide initial communication
• Targeted emails to Deans, Associate Deans for Research, and Department Chairs
• Targeted emails to profiled faculty
• General reminders through the subject librarians
Kick Off

• Kick-off consisted of 4 sessions over 2 days
• Sessions led by Elsevier Customer Consultant
• Faculty invited to sessions at the main library with food and coffee
Inclusion Criteria

1. Current employee of Syracuse University
2. Active publishing record as determined by
   – Scopus Profile
   – CV or personal / department website
3. Willingness to manage profile inputs
4. Endorsement by college ADR
5. Concurrence by VPR
User Account Criteria

1. Do you assist faculty with funding opportunity searches?
2. Do you collect publication information for departmental or college level reporting?
3. Do you assist faculty in preparing CVs for grant funding agencies?
4. What level of access do you require? Authorized user for one profile / department / college?
Routine Maintenance

- Publication corrections
- One-on-one trainings
- Local press releases
- General questions
Annual Maintenance

• Three times per year in January, May, and September
• Master list updates
  – Add newly hired faculty
  – Add faculty who have requested inclusion
  – Remove departed faculty
• Request PRS from Elsevier
A TEAM BASED APPROACH
# Team Responsibilities

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<thead>
<tr>
<th>Office of Research</th>
<th>Office of Sponsored Programs</th>
<th>Libraries</th>
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<tbody>
<tr>
<td>Understanding of research infrastructure</td>
<td>Understanding of funding landscape</td>
<td>Understanding of scholarly publishing</td>
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<tr>
<td>Access to HR data</td>
<td>Campus research funding data</td>
<td>XML support</td>
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<td>Master profile list maintenance</td>
<td>Promote the usage of the Funding Discovery module</td>
<td>Hands-on training</td>
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<td>Data hierarchy structures</td>
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<td>Scopus expertise</td>
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<td>Promote networking to facilitate research growth</td>
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<td>API integration of other data sources (WorldCat, Web of Science, etc.)</td>
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<td>Promote tool as system of record</td>
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Expanding the Libraries Team
Team Training Plan

• September 2018 – outlined annual goal
• January 2019 – end user and train-the-trainer sessions with Elsevier Customer Consultant
• February 2019 – group work sessions
• May 2019 – additional group work session
• June 2019 – assessment data due
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Fingerprint
The fingerprint is based on mining the text of the scientific documents related to the associated persons. Based on that an index of weighted terms is created, which defines the key subjects of research unit.

Mothers  MEDICINE & LIFE SCIENCES
Fathers  MEDICINE & LIFE SCIENCES
Food  MEDICINE & LIFE SCIENCES
Health  MEDICINE & LIFE SCIENCES
Students  MEDICINE & LIFE SCIENCES
Parents  SOCIAL SCIENCES
Research  MEDICINE & LIFE SCIENCES
Parenting  MEDICINE & LIFE SCIENCES
Visual and Performing Arts

Experts@Syracuse User Guide for the Arts

This guide provides instructions for how to enter creative works and activities of visual and performing artists in Experts@Syracuse University. The instructions focus on the works and activities that may not be as intuitive to enter as textual research outputs are, such as books or journal articles. If there is a type of output that isn’t covered below and you are unsure of how to enter it, please contact Anne Rauh, Collection Development & Analysis Librarian aerauh@syr.edu or Rachel Fox Von Swearingen, Librarian for Music & Performing Arts rsfoxvon@syr.edu.

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Humanities Engagement

The Machine Stops: Critical Orientations to Our Information Apparatus
Research output: Chapter in Book/Report/Conference proceeding > Chapter
Open Access