Finding Collaborators

with

PIVOT/COS

ORSP Workshop
Ken Sleeper
August 2014
Collaboration

“To work jointly with others or together especially in an intellectual endeavor”, Merriam Webster

“Important research ideas often transcend the scope of a single discipline or program”, NSF

“interdisciplinary research is pushing fields forward and accelerating scientific discovery”, NSF

• Specific expertise or capabilities to further your research
• Potential reviewers for journal articles and grant proposals
• Individuals to serve in oversight capacity on committees and boards
Research Advocates
Your Collaborators in ORSP

- **Lesha Agnew-Hampton**
  - lagnew@olemiss.edu
  - 915-7482

- **Helen Kiss**
  - hgkiss@olemiss.edu
  - 915-17482

- **Ken Sleeper**
  - ksleeper@olemiss.edu
  - 915-7482

- [http://www.research.olemiss.edu/proposal-development](http://www.research.olemiss.edu/proposal-development)
What is Pivot?

- Combines funding opportunities and scholarly profiles in one integrated package
- Suggests potential funding opportunities based on your Pivot profile
  - “harvested and maintained by Pivot editors”
- Search for Collaborators
  - Graze?
Pivot Profiles: Overview

• Nearly 3 million profiles
• Global coverage – 75 countries, 2100 universities
• Over 200 disciplines represented
• Enriched with scholarly content
  – proprietary sources such as ProQuest and CSA, and
  – public sources including PubMed and the Researcher’s website
• Editorial processes are applied to content for validation and accuracy
• Built and maintained by PIVOT editorial team**
## Pivot Profiles: Scope

Multi-disciplinary – Over 200 disciplines covered

<table>
<thead>
<tr>
<th>Discipline</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Medicine</td>
<td>18.0%</td>
</tr>
<tr>
<td>Applied Science</td>
<td>15.0%</td>
</tr>
<tr>
<td>Social Sciences</td>
<td>11.0%</td>
</tr>
<tr>
<td>Humanities</td>
<td>10.0%</td>
</tr>
<tr>
<td>Natural Science</td>
<td>8.0%</td>
</tr>
<tr>
<td>Business</td>
<td>7.0%</td>
</tr>
<tr>
<td>Allied Health</td>
<td>7.0%</td>
</tr>
<tr>
<td>Engineering</td>
<td>6.0%</td>
</tr>
<tr>
<td>Arts</td>
<td>5.0%</td>
</tr>
<tr>
<td>Education</td>
<td>4.0%</td>
</tr>
<tr>
<td>Law</td>
<td>2.0%</td>
</tr>
<tr>
<td>Mass Communication</td>
<td>2.0%</td>
</tr>
<tr>
<td>Agriculture</td>
<td>2.0%</td>
</tr>
<tr>
<td>Environmental Science</td>
<td>2.0%</td>
</tr>
<tr>
<td>Architecture</td>
<td>1.0%</td>
</tr>
</tbody>
</table>

### International in scope

- **North America**: 50%
- **Europe**: 34%
- **Asia**: 8%
- **Australia/New Zealand**: 5%
- **Mid East**: 2%
- **Latin America**: 1%
Who Is Included?

- Profiles are created for faculty members listed on University academic department websites.
  - Faculty profiles created based on the data available
  - Only updated every 12 to 18 months

- Claim your Profile – User created profiles
  - Sign Up and create your account
  - Update your profile, online in pivot or link to ORCID*
What’s In A Profile?

- Contact information: Name, addressees, email etc..
- Webpages: homepages, CV pages, and Publication pages
- Degree Information (institution, degree, discipline, year)
- Research Interests (key words)
- Academic departmental affiliations (includes role/position)
- Publication information: an automated proprietary matching algorithm
  - PubMed citation database
  - ProQuest citation databases
  - CSA citation databases
  - ERIC citation database
  - Agricola citation database
How Are Profiles Maintained?

• Pivot Profiles are created and maintained ...
  – By PIVOT editorial team
  – By the profile owner directly (you)
PIVOT/COS

*Provides access to a comprehensive source of funding opps*

*Identifies researcher expertise from within & outside of UM*
New to COS and PIVOT?

- For now, work as a guest
- Will work with you to
  - Get signed up
  - Create your profile
Claim Your Profile
Update Your Profile

Kenneth G. Sleeper
Office of Research and Sponsored Programs
University of Mississippi

Overview

Personal Website: http://www.mmri.olemiss.edu/Home/staff/ksleeper.aspx
Publication Page: http://www.mmri.olemiss.edu/Home/Publications/Articles.aspx

Affiliations: Office of Research and Sponsored Programs, University of Mississippi

Project Manager, Mississippi Mineral Resources Institute, School of Engineering, University of Mississippi

Degrees: MS, Northern Arizona University

Keywords: mineral resources

Contact Details
ksleeper@olemiss.edu
100 Barr Hall
P.O. Box 907
University, MS, 38677
United States

Funding Matches:
32 funding opportunities
Quick Profile Search

1. **Search box at top-right**
   (tab down for profiles)
   - Enter search term (cancer)
   - By default, search limited to UM
   - Broaden search, use panel on left

2. **Profile tab at top-left**
   - Shows UM hierarchy
   - View profiles to drill down by department
Quick Search

Using the Profile Tab
Quick Search

Using the search bar

Chen
Advanced Search

1. Free text box
   - Boolean terms (AND, OR, NOT),
   - wildcards (*), and
   - quote marks (""") for phrases

2. Advanced & Refine Search link
   - Create a search query based on the various fields of information stored within Pivot (my favorite)
Advance Search Quires
Other Search Engines

• **SCOPUS**
  – UM Library
  – Publications – Author Search

• Google Scholar
  – Publications – Author Search

• **SciVal Experts**
  – Excellent Subscription Based Service (UM currently not subscribing)
  – Can access without a subscription on a University by University basis

• Web of Science
  – UM Libraries replaced with SCOPUS

• BioMed Experts
  – Example of specialty database
Under pressure to demonstrate economic returns on public investments in research, universities often point to evidence that the knowledge they generate can spill over and stimulate regional economies that are based, at least in part, on innovation. ...

Casper compared biotechnology communities in the San Francisco and Los Angeles regions, both of which include multiple universities that share similar characteristics. ...

Bay Area universities obtained more than twice as many biotech patents and spun out three times as many biotech firms....

Casper found that social networks were larger and more cohesive in San Francisco than in Los Angeles, ....

Finding Connections
(hands on)