

Finding Collaborators with PIVOT/COS



ORSP Workshop

Ken Sleeper

August 2014



THE UNIVERSITY OF
MISSISSIPPI

Research, Scholarship, Innovation, and Creativity

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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>



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

Medicine	18.0%
Applied Science	15.0%
Social Sciences	11.0%
Humanities	10.0%
Natural Science	8.0%
Business	7.0%
Allied Health	7.0%
Engineering	6.0%
Arts	5.0%
Education	4.0%
Law	2.0%
Mass Communication	2.0%
Agriculture	2.0%
Environmental Science	2.0%
Architecture	1.0%

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



pivot.cos.com

- Provides access to a comprehensive source of funding opps
- Identifies researcher expertise from within & outside of UM

University of Mississippi

Log in Sign up

Funding Profiles

Search

Most Popular 10

Editor's Pick 6

Health Science Funding News 6

Humanities and Social Science Funding News 7

Search by text | Search by sponsor

Search funding opportunities Search Pivot View Tutorial

Advanced Search Search Tips

Most Popular

Top ten popular Funding Opportunities last week 08/03/2013

\$750,000 USD

Early Career Research Program

United States Department of Energy (DOE)

The DOE Office of Science invites grant applications for early career research in advanced scientific computing research (ASCR); biological and environmental research (BER); basic energy sciences (BES), fusion energy... more -

10

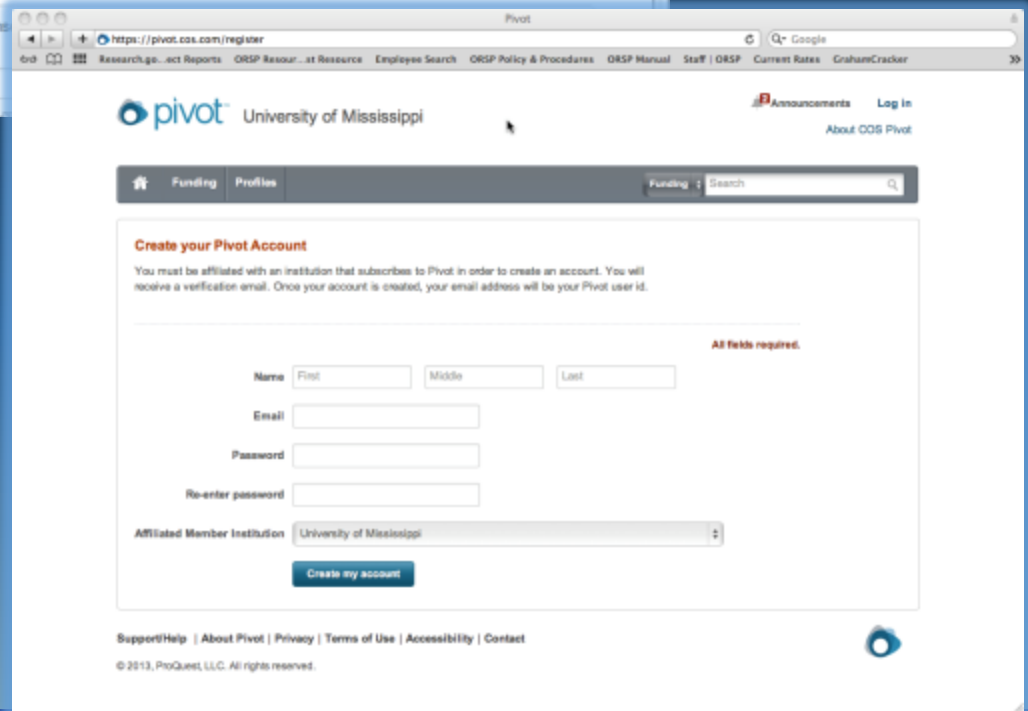
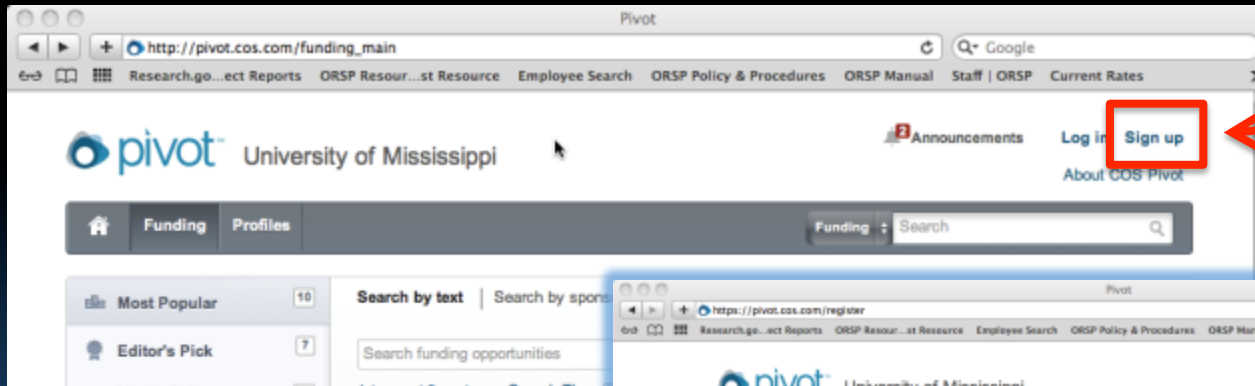


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New to COS and PIVOT?



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



Claim Your Profile

The screenshot shows the Pivot website interface for the University of Mississippi. The browser address bar displays <http://pivot.cos.com/profiles/main>. The user 'Ken Sleeper' is logged in, and a dropdown menu is open, showing options: 'Your profile', 'Account Details', 'Groups', and 'Sign out'. The 'Your profile' option is highlighted with a red circle. In the left sidebar, the 'Pivot Channel' link is also highlighted with a red circle.

Update your profile

Click [here](#) or on your name at the top of any page in Pivot to view and start updating your profile. Upload your CV or publication page to augment the information in your profile. Be found as a potential collaborator and receive funding recommendations based on your profile.

Pivot Channel

Profiles

enter search terms

Advanced Search

Researcher Profiles for University of Mississippi

▶ Career Center	view profiles
▶ Center for Educational Research and Evaluation	view profiles
▶ Center for Excellence in Teaching and Learning	view profiles
▶ Center for Health Behavior Research	view profiles
▶ College of Liberal Arts	view profiles



Update Your Profile

Profile Search Results > Profile Detail

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

[Update your profile](#)

Contact Details
✉ ksleeper@olemiss.edu
100 Barr Hall
P.O. Box 907
University, MS, 38677
United States
[more »](#)

Funding Matches:
32 funding opportunities

Overview

Personal Website <http://www.mmri.olemiss.edu/Home/staff/ksleeper.aspx> [more »](#)

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



Quick Profile Search

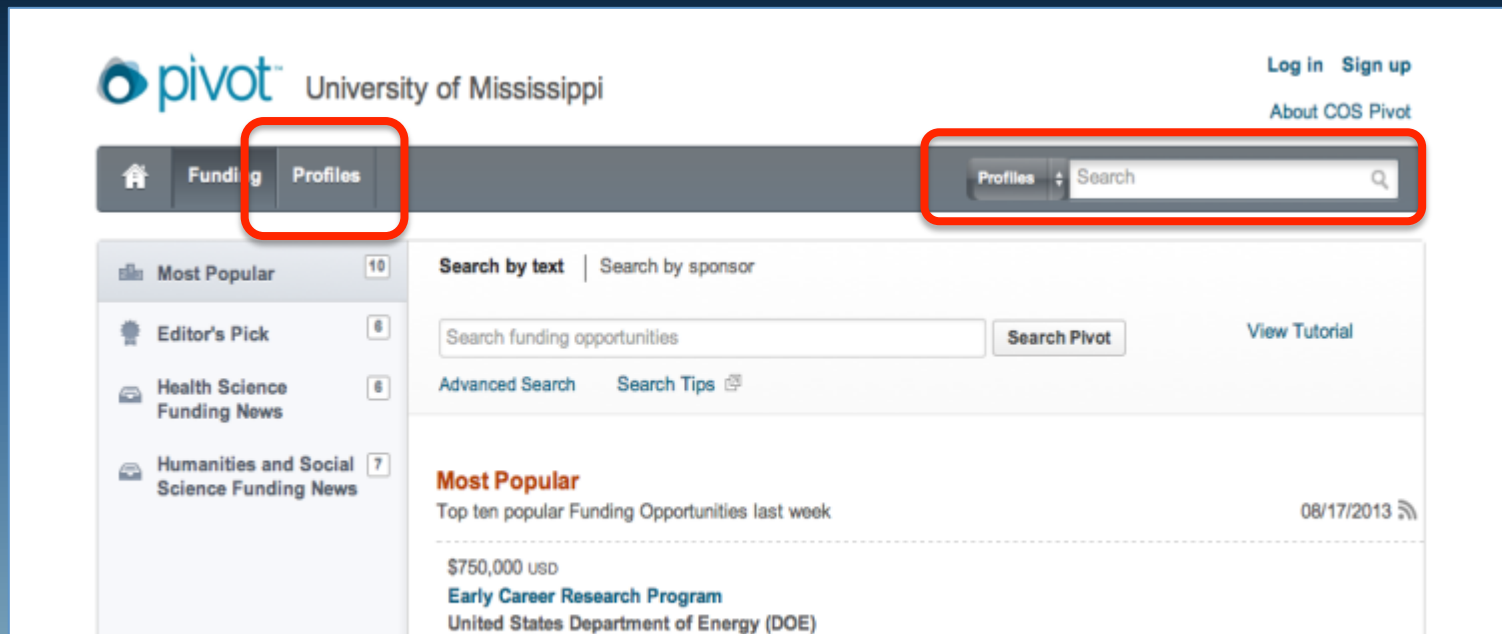
1. Search box at top-right

(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



The screenshot displays the Pivot website for the University of Mississippi. At the top left, the Pivot logo and 'University of Mississippi' are visible. On the top right, there are links for 'Log in', 'Sign up', and 'About COS Pivot'. The main navigation bar includes 'Home', 'Funding', and 'Profiles', with 'Profiles' highlighted by a red box. To the right of the navigation bar is a search box with a dropdown menu set to 'Profiles' and a search button, also highlighted by a red box. Below the navigation bar, there is a sidebar with 'Most Popular' (10), 'Editor's Pick' (6), 'Health Science Funding News' (6), and 'Humanities and Social Science Funding News' (7). The main content area features a search bar with 'Search by text' and 'Search by sponsor' options, a 'Search Pivot' button, and a 'View Tutorial' link. Below the search bar, there is a 'Most Popular' section titled 'Top ten popular Funding Opportunities last week' dated 08/17/2013. The featured item is a \$750,000 USD 'Early Career Research Program' from the 'United States Department of Energy (DOE)'.



Quick Search

Using the Profile Tab

The screenshot shows the Pivot website interface for the University of Mississippi. At the top left is the Pivot logo and the text "University of Mississippi". On the right, there are links for "Log in", "Sign up", and "About COS Pivot". Below the header is a navigation bar with tabs for "Home", "Funding", and "Profiles". The "Profiles" tab is highlighted with a red box. To the right of the navigation bar is a search bar with the text "Profiles" and a search icon. Below the navigation bar, the main content area is divided into two columns. The left column contains instructions on how to claim or update a profile, with a "Pivot Channel" link circled in red. The right column is titled "Profiles" and contains a search box with the placeholder text "enter search terms" and a "Search" button. Below the search box is a link for "Advanced Search". The main content area is titled "Researcher Profiles for University of Mississippi" and contains a list of departments and centers, each with a "view profiles" link. The "College of Liberal Arts" entry is highlighted with a red box.

Claim your profile

If you don't have a profile linked to your account, [claim or create a profile](#) and start receiving funding recommendations from the Advisor.

Update your profile

Click [here](#) or on your name at the top of any page in Pivot to view and start updating your profile. Upload your CV or publication page to augment the information in your profile. Be found as a potential collaborator and receive funding recommendations based on your profile.

[Pivot Channel](#)

Profiles

enter search terms

[Advanced Search](#)

Researcher Profiles for University of Mississippi

▶ Career Center	view profiles
▶ Center for Educational Research and Evaluation	view profiles
▶ Center for Excellence in Teaching and Learning	view profiles
▶ Center for Health Behavior Research	view profiles
▶ College of Liberal Arts	view profiles
▶ Department of Facilities Planning	view profiles
▶ Department of Student Housing and Residence Life	view profiles
▶ Division of Student Affairs	view profiles
▶ Foundation	view profiles
▶ Gertrude Castellow Ford Center for the Performing Arts	view profiles
▶ Institutional Research and Assessment	view profiles



Quick Search

Using the search bar

The screenshot displays the Pivot University of Mississippi search interface. At the top, the Pivot logo and 'University of Mississippi' are visible, along with 'Log in' and 'Sign up' links. A navigation bar includes 'Funding' and 'Profiles' tabs. A search bar in the top right contains the text 'Chen'. Below this, a 'Profiles' section features a search input field with 'Chen' and a 'Search' button. A 'Filter by' sidebar on the left lists various academic disciplines with their respective counts. The main results area shows '69 Results' and lists several faculty members, including Chen, Wei-Yi, Chen, Fan, Chen, Yixin, and Chen, Lewis, with their titles and departments.

Search Bar: Profiles:

Profiles Section: Search

Filter by:

- Agriculture: 0
- Allied Health: 11
- Applied Science: 12
- Architecture: 0
- Arts: 1
- Business: 8
- Education: 1
- Engineering: 8
- Environmenta...: 1
- Humanities: 1
- Law: 0
- Mass Communi...: 0
- Medicine: 28
- Natural Science: 17
- Social Sciences: 4

Results: 69 Results

- Chen, Wei-Yi
Professor
Department of Chemical Engineering
School of Engineering
University of Mississippi
- Chen, Fan
Assistant Professor
Department of Finance
School of Business Administration
University of Mississippi
- Chen, Yixin
Associate Professor
Department of Computer and Information Science
School of Engineering
University of Mississippi
- Chen, Lewis
Associate Professor
Department of Otolaryngology and Communicative Sciences
Clinical Science Department
School of Medicine
The University of Mississippi Medical Center



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

The screenshot shows the Pivot website interface. At the top, there's a navigation bar with 'Funding' and 'Profiles' tabs. Below it, a search bar contains the text 'Chen'. Two buttons, 'Advanced Search' and 'Refine Search', are highlighted with red boxes. The main content area displays '96 Results' and a list of search results. The first result is for 'Chen, Wei-Yin', a Professor in the Department of Chemical Engineering, School of Engineering, University of Mississippi. Other results include 'Chen, Yixin' and 'Chen, Lewis'. A 'Filter by' sidebar on the left lists various academic disciplines with their respective counts.

Institution	Count
University of Mississippi	96
Outside Institutions	72,095

Filter by	Count
Agriculture	0
Allied Health	12
Applied Science	17
Architecture	0
Arts	1
Business	10
Education	1
Engineering	13
Environmentals...	1
Humanities	1
Law	0
Mass Communi...	0
Medicine	49
Natural Science	27

The screenshot shows the 'Profile Advanced Search' interface. It features a 'Filter by' sidebar on the left with a 'clear' button and a list of academic disciplines. The main search area includes checkboxes for 'Search inside my institution' and 'Search outside my institution', a 'Search' button, and a 'Clear All' button. Below this is a search input field and a 'Search in:' section with checkboxes for 'Expertise', 'Keywords', 'Homepage', 'Pub Page', 'CV Page', 'Title', 'Abstract', and 'Scholar Name'. There is also an 'Affiliation' checkbox. A 'Search by Name' section includes input fields for 'First name', 'MI', and 'Last name'. At the bottom, there are expandable sections for 'Degree', 'Role', 'Association or Society', 'Affiliation', and 'Country', each with a 'Search' button and a 'Clear All' button.



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



Science: Editors' Choice

August 22, 2013

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**,

Res. Policy 42, 10.1016/j.respol.2013.04.005 (2013).



Finding Connections (hands on)

