RESEARCH DEVELOPMENT SERVICES

Office for Research & Discovery

Contact: ResDev@email.arizona.edu

http://rgw.arizona.edu/research-services/research-development-services
PRESENTATION ROADMAP

- What is Research Development?
- UA Strategic Plan
- Introduction to UA Research Development Services
- RDS Services for Researchers
- Who We Are & Contact
WHAT IS RESEARCH DEVELOPMENT?

Research Development supports faculty in securing research funding by

- Nurturing partnerships and collaborations both at the UA and external research institutes
- Provide training and share best practices for attracting research funding
- Supporting large/complex transdisciplinary and interdisciplinary research proposals

Credit: Paul O’Mara
Diversify external sources of research support

Expand strategic external partnerships

Increase capacity in critical and emerging fields such as education, health sciences, STEM, and cultural competence
WHAT DOES RESEARCH DEVELOPMENT SERVICES DO?

We work as part of the UA’s suite of research services in the Office for Research & Discovery, with you, and your department/unit’s administration.

RDS Mission: Assist Researchers and Scholars

- Identify Funding Opportunities
- Form Effective Teams
- Craft Winning Proposals
- Turn great ideas into competitive proposals
CONNECTING RESEARCHERS TO OPPORTUNITIES

- Weekly Email Funding Opportunities Announcements
  - Arts & Humanities
  - Biomedical & Health Sciences
  - Education & Outreach
  - Life Sciences
  - Physical Sciences & Engineering
  - Social & Behavioral Sciences and Law
  - Limited Solicitations Calendar
- Federal and Foundation Funding Opportunities
- Sign up at the Research Gateway
  http://rgw.arizona.edu/research-development/funding-opportunities-announcements
FORM RESEARCH TEAMS

Navigate Research Resources

http://pivot.cos.com/funding_main

Foster the Science of Team Science

- Serve as resource for UA researchers seeking team science collaboration / funding
  - Bring together faculty for grant collaboration opportunities within UA
  - Identify inter- and cross-disciplinary funding opportunities

UA SciVal Experts

http://www.experts.scival.com/arizona/
LIMITED SOLICITATION CALENDAR & REVIEW

### Calendar

**Limited Solicitations Calendar**

A number of external funding programs limit the number of applications the University of Arizona may submit. If you would like to be considered for a limited solicitation opportunity, please submit a pre proposal to your college Dean prior to the internal deadlines listed below. Please review eligibility requirements carefully. If you identify a program that we have not listed that limits submissions, or if you have questions about any of the limited solicitations listed below, please contact Research Development Services.

Please note that proposals to private foundations may require clearance through the University of Arizona Foundation.

**Upcoming Limited Solicitations**

<table>
<thead>
<tr>
<th>Program Title</th>
<th>Sponsor</th>
<th>Research Category</th>
<th>Funding Type</th>
<th>Internal Deadline</th>
<th>External Deadline</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Major Research Instrumentation Program</td>
<td>NSF</td>
<td>Biological Sciences, Physical Sciences, Engineering, Chemistry, Computer Science</td>
<td>Equipment</td>
<td>Sep 14 2014</td>
<td>1/22/15</td>
<td>This program allows two instrument acquisition and one instrument development proposal.</td>
</tr>
<tr>
<td>Bressler Awards for Young Scientists</td>
<td>Bressler Family Foundation</td>
<td>Life Sciences, Physical Sciences &amp; Engineering, and Chemistry</td>
<td>Research</td>
<td>Oct 20 2014</td>
<td>11/25/14</td>
<td>Institution may submit one nomination in each category.</td>
</tr>
<tr>
<td>NINDS Neuroscience Development for Advancing the Careers of a Diverse Research Workforce (R25)</td>
<td>NIH</td>
<td>Biomedical, Life Sciences</td>
<td>Training</td>
<td>Oct 29 2014</td>
<td>12/23/14 (LOI)</td>
<td>1/25/15 (Full)</td>
</tr>
</tbody>
</table>

[http://rgw.arizona.edu/development/limited-solicitations/calendar](http://rgw.arizona.edu/development/limited-solicitations/calendar)

### Announcements

**Research Info**

The National Science Foundation’s Cultivating Cultures for Ethical STEM (CCE:STEM) (formerly “EESE,” see below) program supports proposals identifying factors that are efficacious in the formation of ethical STEM researchers in all the fields of science and engineering that NSF supports. CCE:STEM research projects will use basic research to:

- Identify and evaluate factors that are efficacious in the formation of ethical STEM researchers
- Implement interventions designed to develop ethical research behaviors among students, postdoctoral scholars and early-career researchers that produce ethical STEM researchers

[http://rgw.arizona.edu/development/funding-opportunities/limited-solicitations](http://rgw.arizona.edu/development/funding-opportunities/limited-solicitations)
CRAFT WINNING PROPOSALS

Proposal Development Assistance
- Initial Strategy Consultation
- Strategic Planning and Support
- Resources, Guidelines, and Templates
- Supporting Document Drafting
  - e.g., Data / Project Management / Multiple PI Plans
- Proposal Review
  - Strategic: Alignment with FOA, agency priorities
  - Macro: content/graphic editing and advising
  - Micro: grammar, proofreading
- Large / Complex Proposal Coordination
- Access to External Consultants
TRAINING

- Provide Learning Opportunities, Seminar Series, & Featured Speakers for UA Research Community
- Ongoing Workshops
  - Pivot Funding Database, by request
- Upcoming Faculty Development Series
  - NSF Faculty Early Career Development Program (CAREER) Seminar Series
    - January through July 2015
  - NIH New and Early Stage Investigator Programs
    - Spring/Summer 2015

Additional information will be available through the Research Gateway at [http://rgw.arizona.edu/development/home](http://rgw.arizona.edu/development/home)
RESEARCH INFORMATION WORKSHOPS: ENGAGING DARPA

- DARPA 101
- The Successful DARPA Pitch: Discover the most effective ways to structure and communicate proposals
- Success, then More Success: Learn from DARPA insiders how to run a research project that delivers results while improving chances of future funding

View the Presentations at: http://rgw.arizona.edu/research-development/engaging-darpa

UA Enterprise Box Account Required
WHAT IS PIVOT?

- External Database
- Billions of Dollars in Funding at any Time
- Federal, Non-Federal, International Sponsors
- All Disciplines

https://pivot.cos.com/
SIGNING IN / SIGNING UP

Upper Right Hand Corner of the Screen

- Sign In
- Sign Up
  - Use UA Email Address
  - Simplify Password
CLAIM PROFILE

- Pivot Advisor – customized funding opportunities
- Drop Down
  - Claim Profile
  - “This is Me”
- Create Profile
  - Center of the page when no results or left of the results
<table>
<thead>
<tr>
<th>Title</th>
<th>Deadline</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Advisor: personal funding matches (103)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>EarthCube: Developing a Community-Driven Data and Knowledge Environment for the Geosciences</td>
<td>12 Mar 2015</td>
<td>$2,000,000 USD</td>
</tr>
<tr>
<td>Carnegie Fellowships</td>
<td>01 Dec 2014</td>
<td>see record</td>
</tr>
<tr>
<td>Dear Colleague Letter: Advancing Recruitment and Retention in Geosciences (ARRG) - Supplemental Funding to Advance Recruitment and Retention in the Geosciences</td>
<td>10 Jan 2015</td>
<td>see record</td>
</tr>
<tr>
<td>Opportunity Grants</td>
<td>Continuous Application</td>
<td>$1,000 USD</td>
</tr>
</tbody>
</table>
CONDUCTING BASIC SEARCHES

Keyword Searches

- **Boolean Operators**
  - AND, OR, NOT
  - “quotation marks” for exact phrases
  - Asterisk for Truncation
    - Biomed*
      - Biomedical
      - Biomedicine

Funding Agency (Alphabetically)

- Note: some sponsors may be nested
  - United States Department of Energy
    - Office of Science
  - United States Department of Health and Human Services
    - National Institutes of Health
CONDUCTING ADVANCED SEARCHES

- **Text Field**
  - All Fields, Abstract, Title, Sponsor ID

- **Amount**
  - More than, Less than, Unspecified

- **Deadlines**
  - Within, On or After, On or Before, Optional Deadlines, Continuous or Undefined Deadlines

- **Limited Submission**

- **Activity Location**
  - Geographic Limitation

- **Citizenship or Residency**

- **Funding Type**
  - E.g. Cooperative Agreement, Dissertation or Thesis, Equipment or Materials, Postdoc, Prize or Award, Research, Travel, and more

- **Keyword**

- **Requirements**
  - Academic Institution, New Faculty/New Investigator, Nonprofit, Ph.D., and more

- **Sponsor Type**
  - U.S. Federal, Multinational, Non-U.S. National Government, Private Foundation, Professional Society
## Tracking & Saving Searches

In the image, we see the Pivot platform from the University of Arizona. The page is part of the Funding section and is titled "Search Funding Results". There are several highlighted features:

1. **Save Search** button: This is used to save the current search criteria for future reference.
2. **Track, Set to Active, Share** buttons: These options allow users to manage the status of their saved searches.
3. **Search Criteria**: The search criteria includes terms like "Big AND Data" and excludes "Sponsor Type = (Multinational Organization or National Government, Non-U.S.)".
4. **Funding Results Table**: The table shows various funding opportunities with details such as the deadline, amount, and agency.

### Example Funding Entries

<table>
<thead>
<tr>
<th>Status</th>
<th>Title</th>
<th>Deadline</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Early Stage Development of Technologies in Biomedical Computing,......</td>
<td>05 Dec 2014</td>
<td>$1,500,000 USD</td>
</tr>
<tr>
<td></td>
<td>Informatics, and Big Data Science (R41/R42)</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>United States Department of Health and Human Services (HHS)</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>National Institutes of Health (NIH)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

These features help users manage their search activities efficiently on the Pivot platform.
QUICK LINKS FOR PIVOT

- COS Pivot
  - http://pivot.cos.com

- Research Gateway
  - http://rgw.arizona.edu/development/funding-opportunities/search-databases-and-useful-funding-sources/cos-pivot

- Pivot YouTube Channel
  - https://www.youtube.com/user/ProQuestPivot