Getting Started in Research at the University of Utah

Cynthia Furse
Associate Vice President for Research
Getting Started in Research

Ideas, Collaborators, Equipment, Resources

Finding Funding

Navigating the U

Getting Started
Your Ideas
Collaboration

Interdisciplinary research can be productive. Identifying potential collaborators from each college can help you connect and find collaborators. The Office of the Vice President for Research provides support for these activities and can help you identify the appropriate Research Dean and/or interdisciplinary research opportunity.

Funding Opportunities

NORDP maintains a comprehensive compilation of research grant mechanisms, types, and programs representing collaborative, cross-disciplinary (multi/inter/trans-disciplinary) and team-based funding opportunities.

University of Utah Resources & Tools

The Find a Researcher database contains listings of University of Utah faculty and graduate students who are research topic experts and potential research collaborators. You may search for people by entering names, research keywords, departments, international experience keywords, and equipment. To be found in the database, edit your faculty profile.

PURE Experts, a profiling and research networking tool, helps researchers form partnerships, demonstrate expertise, and increase research activities. ScivVal Experts makes it easier for researchers and administrators to find expertise and enable collaboration within the University and across participating institutions by automatically creating individual profiles for faculty included in the system. Profiles are pre-populated with information such as research interests and publications.
The Find a Researcher database contains listings of University of Utah faculty and graduate students who are research topic experts and potential research collaborators. You may search for people by entering names, research keywords, departments, international experience keywords and equipment. For a more complete view of international research and activities, you can use the university's Global U Inventory site.

We are currently in the process of transitioning to a new search engine. We apologize for any degraded search performance and result weighting that you may experience.

Enter your search terms... Search

Be Found...

Edit Your FAR Profile

Faculty.utah.edu
Research Deans

Architecture + Planning
The College of Architecture + Planning at the University of Utah is a community of award-winning and highly recognized faculty, students, and staff who engage in cutting-edge research and creative practice.

Business
The David Eccles School of Business faculty are Top 15 in research productivity among state business schools. The School is committed to excellence in teaching, research, and service.

Cultural & Social Transformation
The School for Cultural & Social Transformation aims to transform the informed, engaged, and equitable scholar leaders for a world that values and celebrates differences.
Collaborative Opportunities--
Transformative Excellence Program (TEP)
Strategic Faculty Hiring Across Campus

Society, Water, & Climate
Families and Health Research*
Statistical Science (Big Data)
Digital Humanities
Biophysics
Policy and Economics*
Biodiversity
STEM Education

Main + HSC Campuses *

Resilient Places*
Neural Bases of Behavior*
Biophysics & Chem Biology*
Arts-in-Health*
Genomes and Evolution*
Pacific Islander Studies
Disability Studies
CENTERS, INSTITUTES AND BUREAUS

A

- AIDS Center, University Health Sciences
- American Indian Resource Center
- American West Center
- Asia Center
- ASUU Personal Money Management Center

B

- Bureau of Economic and Business Research
- Cardiovascular Research & Training Institute, Nora Eccles Harrison
- CARMA Center
- Center for Acoustic Cooling Technologies
- Center for Advancement of Technology in Education
- Center for Aging
- Center for American Indian Languages
- Center for Cell and Genome Sciences
- Center for Cell Signalling
- Center for Clinical and Translational Science
- Center for Communication and Community
- Center for Controlled Chemical Delivery
- Center for Engineering Innovation
- Center for Ethnic Student Affairs (CESA)
- Center for Excellence of Biomedical Microfluidics
- Center for Extreme Data Management Analysis and Visualization
- Center for High Performance Computing
- Center for Human Toxicology
- Center for Innovation in Legal Education
- Center for Latin American Studies
Entrepreneurial Faculty Scholars (EFS)

Whether you need help identifying funding to explore a new idea,
Core Facilities

cores.utah.edu/

Cores are open to ALL Researchers
Find Equipment: research.utah.edu (Resources)

Searches ALL inventory at the UofU (Main + HSC)
Find Funding
Growth in Overall Sponsored Project Awards
(Total Direct & Indirect Costs)

FY 2013  FY 2014  FY 2015  FY 2016  FY 2017  FY 2018
$361 M  $389 M  $417 M  $438 M  $459 M  $515 M
Research at the U for Utah

$176 MILLION in salaries and wages specifically associated with research in FY17 generates an estimated:

$240 million in direct & induced labor income

$22 million in state & local sales tax

Source: Kem C. Gardner Policy Institute. State fiscal impacts consist of personal income and state sales taxes. Local fiscal impacts comprise sales taxes and property taxes.
Grant Life Cycle

The Grant Life Cycle provides an overview of the entire research proposal submission and administration process. The Life Cycle helps you to understand research policies and procedures and walks you through the challenges of finding funding and applying for and administering grants.
OSP.utah.edu – Find Funding

Need a special funding search? Research Development Office (more on that in a minute.....)

Find Sources
There are many types of research funding sources available. To learn more about available funding opportunities, please use the following links:

- Government Funding Sources
  - NSF Supplements
- Corporations and Foundations
- Intramural Funding
- Limited Submissions
- New and Junior Faculty Opportunities

Search Tool

New Faculty
Grant Life Cycle

Step 2: Find Funding

Search Solicitations/Funding Announcements

Listed below is the major searchable funding opportunity database available to all faculty and staff at the University of Utah. Investigators may search for funding opportunities directly or, if you are finding it challenging to locate relevant funding sources, you may request assistance from your Sponsored Projects Officer.

- Funding Institutional (previously SciVal Funding)

If you already have a SciVal Funding account, you can log in with the same credentials. If you had not previously created an account, you can register for an account with a valid university email address.

https://osp.utah.edu/grant-life-cycle/find-funding/search-solicitations.php#
Another way to get there … CIS.utah.edu
Intramural Funding - research.utah.edu >Funding

- **Seed Grants** – Now available through your college.
- **Research Instrumentation Fund (RIF)** Jan 15 and Sept 15
- **TVC Engine (Commercialization)** Every 8 weeks (TVC.utah.edu)
- **Faculty Research & Creative Grants** Aug 20, Nov 15, Feb 15
- **Faculty Fellow** Oct 23
- **Distinguished Scholarly & Creative Award** Oct. 15
- **Community Based Research (CBR)** Feb 15
- **Limited Submission** (access via CIS.utah.edu)
- Also assistance with large grant preparation & travel to visit program managers
Corporate & Foundation Relations
https://giving.utah.edu/corporate-foundation-giving/

CHRIS OSTRANDER
DIRECTOR OF FOUNDATION RELATIONS (NATIONAL)

Lynn Wong
HSC
Navigating the U
IMPORTANT! Sign up for VPR Research Bi-Weekly Updates
If you …
• Can’t find something
• Can’t figure out whom to call
• Have a suggestion
• Need help accessing information (local, national, etc.)
• Just about anything else …

• Ask MyRA
  (Eccles Library Research Concierge)

• Email MyRA@utah.edu
New Investigator Toolkit

So, you've never submitted an application to the University of Utah Institutional Review Board before? This page has been designed to walk you through the process and assist you with your first human subjects research application. If you have suggestions for additions or enhancements for this page or any page on the IRB website, please contact the IRB at irb@hsc.utah.edu.

Application Process

- **STEP 1:** Familiarize yourself with the resources available to you.
- **STEP 2:** Write a summary of your study.
- **STEP 3:** Determine what level of consent your study will require, then design and test your consent process.
Training at the U
## Compliance Training

Research, managing the financial aspects of research, and research administration must be carried out in compliance with University of Utah policy, federal and state laws, sponsor requirements and the award terms and conditions. These courses will help individuals understand and implement those compliance responsibilities.

### Browse courses by

<table>
<thead>
<tr>
<th>Topic</th>
<th>Categories</th>
<th>Audience</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>ANIMAL CARE AND USE</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Assures humane care related to the research use of animals</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>EXPORT CONTROLS</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Recognize and address export control issues. Recommended for H1-B visa sponsors</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>PISHIP</strong></td>
<td></td>
<td></td>
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<tr>
<td>Recommended prior to managing project funds</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>SEXUAL HARASSMENT PREVENTION</strong></td>
<td></td>
<td></td>
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<tr>
<td>Required for faculty, staff, and visiting academics</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>CONFLICT OF INTEREST (COI)</strong></td>
<td></td>
<td></td>
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<tr>
<td>Required for new faculty and recipients of PHS funding</td>
<td></td>
<td></td>
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<tr>
<td><strong>FINANCE</strong></td>
<td></td>
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<tr>
<td>Learn how to use University of Utah Financial Systems</td>
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<tr>
<td><strong>RESEARCH ADMINISTRATION</strong></td>
<td></td>
<td></td>
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<tr>
<td>Learn to submit proposals and administer sponsored projects</td>
<td></td>
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<tr>
<td><strong>ENVIRONMENTAL HEALTH AND SAFETY</strong></td>
<td></td>
<td></td>
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<tr>
<td>Environmental Health and Safety training for lab personnel</td>
<td></td>
<td></td>
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<tr>
<td><strong>HUMAN SUBJECTS</strong></td>
<td></td>
<td></td>
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<tr>
<td>Required for research with human subjects</td>
<td></td>
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<tr>
<td><strong>RESPONSIBLE CONDUCT OF RESEARCH (RCR)</strong></td>
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<tr>
<td>Required for NIH trainees and NSF graduate Students</td>
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Welcome to Research Education!

New to the research enterprise or need a refresher? Begin with the online Research Administrator Orientation.

Research Education provides professional development opportunities for all faculty, staff, postdoctoral scholars, students and members of the University research community.

The Research Administration Training Series (RATS) enables you to:

- learn, develop and improve your job skills and professional competencies

News and Announcements

Research Education offers training and instruction through several delivery methods to support your individual professional development needs:

RATS Live Instruction is taught by subject matter experts and provides fundamental and advanced skills training. Classes are eligible for credit in the RATS Certificate of Achievement program and for CEUs awarded by several professional associations.

RATS Webcasts offer real-time viewing and a synchronous learning environment. Participation may be applied toward recertification in the Certificate of Achievement program.

RATS Online Classes feature lessons and exercises designed to build your knowledge and increase efficiency.
Classes Are Offered through the RATS Program
education.research.utah.edu/

Special Needs? Combine RATS programs into certificates. Add classes to RATS. Other?
Getting Started
Welcome to the University of Utah. This section is designed to offer useful information on policies, procedures and available resources that will enhance your research experience.

The Office of the Vice President for Research has oversight of all research related matters and strives to provide services to faculty and increase the funding available to support research while protecting the University's interests and assuring compliance with all relevant laws and regulations. Read the VPR Welcome.

These services are intended to help advance research and are handled through the following offices:

- Office of Sponsored Projects (OSP)
- Grants and Contracts Accounting (GCA)
- Technology & Venture Commercialization (TVC)
- Institutional Animal Care and Use Committee (IACUC)
- Institutional Biosafety Committee (IBC)
- Institutional Review Board (IRB)
- Research Education
Grants Toolbox

Proposal Checklists

We have developed checklists (below) for NIH R01 and NSF research proposals. These checklists provide investigators with a guide to the standard sections required for these proposals and also offer project management tools to facilitate delegation of tasks related to a grant submission, and for setting internal deadlines for completion.

The following outlines are in Word format (DOC):

- National Science Foundation (NSF)
- National Institutes of Health (NIH)
The **Research Development Office** supports the University of Utah’s research and scholarly community in finding funding for strategic proposals. We provide research development assistance to individual faculty and on multi-investigator proposals, grants, and center grants. Our goal is to elevate the competitiveness of proposals and increase the volume of externally-funded scholarly activity on campus.

**THINGS WE CAN HELP WITH:**
Research Development Office (RDO)

The Research Development Office (RDO) offers individual faculty and multi-investigator teams support for research proposals, complex training grants, and center grants. RDO provides support in:

- Proposal development & management
- Identification of collaborators
- Interdisciplinary team building
- RFP review
- Creation of templates & sample text
- Assistance in accessing campus resources
- Identification of funding sources
- Research development workshops

For more information, please visit [RDO.utah.edu](http://RDO.utah.edu)
SVPHS Research unit  

uofuhealth.utah.edu/research/svp-office/

Contact Amy Tanner

• Key Initiatives:
  • Diabetes and Metabolism Center
    • Directors: Rutter & Summers, Assoc. Director: Bridget Hughes
  • Program in Personalized Health
    • Director: Will Dere, Assoc. Director: Emily Coonrod
  • Neuroscience Initiative
    • Director: Debbye Yurgelun-Todd, Manager: Sumit Bhattacharya
  • Inflammation, Immunology, & Infectious Disease
    • Chairs: June Round, Ryan O’Connell, Guy Zimmerman

• Assists in:
  • Research Strategic Planning (including space)
  • Collaborative Grant Facilitation
  • Program development
  • Training grant proposal support
  • Pre-award (Basic Science Depts)
Faculty Services

FACULTY SERVICES

The University Writing Center (UWC) and the Vice President for Research are proud to offer convenient writing assistance to faculty members working on projects such as grants, articles for publication, and research reports. Faculty Writing Fellows can help faculty members focus arguments, organize ideas, support claims, cite others’ works, and maintain field conventions. All correspondence is done via email.

Contact:
Charlene Orchard
Will Smiley

Who can get help?
Budgets
Cost Share

Build Your Budget

As you prepare your project's budget, thoroughly review the solicitation as well as the sponsor's grant preparation guide. It is important to be cognizant of any sponsor restrictions regarding specific budgetary requirements, such as cost-share, and to be consistent with the guidance.

Budget preparation is an important part of the proposal development process. Ideally, the budget should be considered as you are developing the project itself – not something hastily put together. This is important for two reasons:

1. Developing your budget alongside your narrative assures that the budget items are specifically related to activities described in the proposal.
2. Reviewers often examine the budget in the context of the program narrative, evaluate whether sufficient amounts of personnel to perform the work have been included, and whether the overall budget is aligned with the work proposed.

Federal agencies will generally provide either a form or a prescribed template for submission of the budget. Please refer to the solicitation for this information. It is essential that you carefully review the budget requirements outlined in the solicitation.
What is F&A Used For?

FY 2015
$82M
(2/3 from NIH)

- 39% Sr. VPs, Deans, Centers & Institutes (Recruiting, Start Up, Retention, Renovation, etc.)
- 14% Student Support (tuition waivers, stipends)
- 12% Research Infrastructure (matching & eqpt. funds, IT, etc.)
- 10% Other (Libraries, etc.)
- 9% Research Support (VPR, OSP, IRB, URC, Research Accounting, etc.)
- 7% Core Research Facilities (CHPC, Vivariums, etc.)
- 6% Capital facilities (Buildings, Operations & Maintenance)
- 3% Center, Institute and program support
CIS: eProposal, eAward, Research Portal & More
Funding Agency – grants.gov, etc.

If you have been impacted by natural disasters and are looking for more information, please visit www.DisasterAssistance.gov.

Shape the Future of Grants.gov
We want to hear about your experiences applying for federal grants and using Grants.gov.

Complete Survey before Sept. 22nd »

Request an account through your OSP officer.
Managing Your Award
Step 5. Manage Your Award

Once a notice of award (NOA) is issued, we review it and work with the principal investigator (PI) and his/her department to set up a project. Any award notice sent directly to the PI should be forwarded to your Sponsored Projects Officer to ensure that the award is appropriately handled.

The notice of award concludes the "pre-award" activities and initiates the "post-award" processes for the grant. This section is designed to assist you with post-award management and help you understand your responsibilities for post-award management.

Post-Award Processes

- Carryover Process
- E-SNAP/RPPR Preparation Instructions
- Expanded Authority Actions
- Final Technical Reports
- Final Invention Statements
- Institutional Transfers
- Just-in-Time (JIT) Process
- Monitoring Expenditures
- No-Cost Extensions
- Project Setup
- Re-budgeting
- Subrecipient Closeout

Resources

- Compliance Training
- Procedure Library
Financial Mgt comes to you by email or CIS.utah.edu
EOR: Monthly $ Management Report (by email)

Click to provide Evidence of Review (EOR) (Yes, Please DO this)!

Click blue #s to ‘drill down’ for more info

Click to see details of encumberances

Bottom Line: How much you can spend

Optional PDF

More instructions are included in the email
CIS: eProposal, eAward, Research Portal & More
PI Planning Tool – Past Expenses & Future Plans in one place

Access from cis.utah.edu
Research Portal –
Keeping Track of Proposals and Grants:

Access via CIS.utah.edu

- [Image of Research Portal interface]
- [Arrow indicating Download to Excel]

<table>
<thead>
<tr>
<th>Proposal ID</th>
<th>Version ID</th>
<th>Sponsor Name</th>
<th>Short Title</th>
<th>Proposal Status</th>
<th>Proposed Start Date</th>
<th>Proposed End Date</th>
<th>Total Proposal Sponsor Budget</th>
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<tbody>
<tr>
<td>10000076</td>
<td>V1</td>
<td>NATIONAL SCIENCE FOUNDATION</td>
<td>MICRO nmr</td>
<td>Not Awarded</td>
<td>12/15/05</td>
<td>12/15/06</td>
<td>$14,374.00</td>
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<td>10000445</td>
<td>V1</td>
<td>UNIVERSAL TECHNOLOGY CORP</td>
<td>WIRE INTEGRITY RESEARCH</td>
<td>Submitted to Sponsor</td>
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<tr>
<td>10000582</td>
<td>V1</td>
<td>LIVEWIRE TEST LABS INC</td>
<td>GUI Wire Fault</td>
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<td>12/15/06</td>
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<tr>
<td>10000923</td>
<td>V1</td>
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<td>Utah’s Engineers (NSF-STEP)</td>
<td>Not Awarded</td>
<td>9/1/06</td>
<td>3/31/11</td>
<td>$1,996,335.00</td>
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<td>10003411</td>
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<td>BOEING COMPANY</td>
<td>ADVANCED WIRE MONITORING TECHNOLOGY PROJECT</td>
<td>Submitted to Sponsor</td>
<td>2/1/07</td>
<td>11/1/07</td>
<td>$74,750.00</td>
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<tr>
<td>10005896</td>
<td>V1</td>
<td>LEAR CORPORATION</td>
<td>AUTOMOTIVE ANTENNA DESIGN</td>
<td>Not Awarded</td>
<td>10/1/07</td>
<td>5/15/08</td>
<td>$27,572.00</td>
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<tr>
<td>10007125</td>
<td>V1</td>
<td>BOEING COMPANY</td>
<td>WIRE MONITORING</td>
<td>Not Awarded</td>
<td>1/1/08</td>
<td>12/31/08</td>
<td>$68,506.00</td>
</tr>
</tbody>
</table>
Clinical Research Compliance & Education

Who We Are

We facilitate processes, provide education, and engage in oversight activities designed to ensure that clinical services associated with human subjects research are charged to the correct party, that claims submitted to federal health care programs seeking payment for such services comply with the requirements of the applicable program, and that human subjects research complies with expectations imposed by the federal Food and Drug Administration.

We strive to provide recommendations and support institutional efforts to improve oversight and efficient management of clinical research.
Technology & Venture Commercialization Assists With Intellectual Property Protection and Commercialization
FACULTY - INTERESTED IN GETTING INVOLVED?
Follow Us on Research Media
@UofUREsearch

Email FollowVPR@utah.edu to spotlight your research!
Getting Started in Research at the University of Utah

Cynthia Furse
Associate Vice President for Research