



THE UNIVERSITY OF ARIZONA
COLLEGE OF MEDICINE PHOENIX
Research Office

The **mission** of the Research Office is to:

- Support the research plan and enterprise of the College.
- Support student, trainee, and faculty research development and success.
- Enhance the impact of research by expanding the sponsored projects portfolio.
- Support research infrastructure and resources.



Request Assistance

Scan the QR code and fill out the short form to request assistance from the Research Office

The **approaches** the Research Office uses to support its mission include:

- Supporting laboratory space maintenance and research space allocations.
- Organizing and supporting shared instrumentation and core services.
- Hosting research conferences, workshops and retreats.
- Identifying new grant and other research funding opportunities.
- Supporting faculty research proposal development.
- Supporting research grant administration.

Research Infrastructure and Cores

▶ **Laboratory Operations**

The Research Office assists Principal Investigators in complying with local, state, and federal regulations governing their research. The Lab Operations team hosts lab safety orientation, assists with lab onboarding, and manages lab access requests.

The team also works with vendors to oversee liquid nitrogen, compressed gas, dry ice, and laboratory coat ordering and deliveries. The Research Office provides shared equipment oversight, manages iLab scheduling, and assists with equipment purchases, maintenance and surplus.

▶ **Biomedical Imaging Core**

Provides cutting-edge imaging and data analysis tools to allow innovative investigative research. The core offers epifluorescence, confocal and two-photon imaging, along with sample preparation and post-acquisition processing and analysis.

▶ **Molecular Discovery Core**

This core supports a wide variety of research activities that depend on the detection and analysis of proteins, nucleic acids, compounds, bioactive molecules, and biomolecular interactions. The core offers surface plasmon resonance (SPR), high-throughput screening, peptide synthesis & HPLC, and biomolecular imaging.

▶ **Flow Cytometry Core**

Assists users in multi-parametric flow cytometry, and fluorescence-activated cell sorting (FACS) for both basic and clinical research. The core also provides help with multicolor/multiparameter panel designing, design of experiments, and development and implementation of new applications/assays.

▶ **Biological Irradiator and Imager**

The Biological Irradiator and Imager Shared Equipment resource provides access to x-ray irradiation and x-ray and luminescence imaging.

▶ **Shared Equipment**

The College offers access to shared equipment. More information can be found by scanning the QR code above.

Core & Shared Equipment List



Compliance, Reporting and New Researcher Support

New Researcher Onboarding

In conjunction with the hiring department, the Research Office provides support to faculty by assisting with research-related onboarding tasks. These tasks could include lab setup, equipment acquisition, grant transfers, research protocol setup, and any other research-related items.

Research Laboratory & Safety Services (RLSS) Collaboration

The Research Office collaborates with Research Laboratory & Safety Services (RLSS) to provide oversight with regards to key laboratory compliance regulations mandated by OSHA, the Centers for Disease Control (CDC), and the Arizona Radiation Regulatory Agency (ARRA). RLSS works with Principal Investigators to provide training to researchers working with hazardous chemicals, biohazardous, or radioactive materials.

Animal User Group

The Research Office facilitates the Animal User Group at the College in conjunction with University Animal Care. The group serves as advisory to Phoenix Animal Facility (PAF) activities which includes approaches to shared space and equipment, facility operations and resource prioritization, and procedure development.

Space Inventory

The Research Office maintains the Physical Space Inventory, a comprehensive computerized space database and information system. Additionally the Research Office provides reports and data to college leadership and departments.

Research Productivity Reports

The Research Office helps to support the extraction of data from multiple sources to combine in useful, user-friendly reports and dashboards for leadership and faculty. This may include benchmarking to other internal and external institutions.

Biostatistics and Study Design Services

The team provides study design review, study conduct advisement, statistical analysis, result interpretation, abstract and manuscript statistical methods and results preparation. The Core also provides assistance with the following statistical software packages: R, SAS, SPSS, Stata and Stat/Transfer. The team hosts multiple hands-on workshops throughout the year and holds office hours for immediate assistance.

Request statistical assistance:



Proposal Development and Training



Large Collaborative Events and Educational Workshops

The Research Office hosts the annual reimagine Health Research Symposium and ABRC-Flinn-VRP Research Conference which provide the opportunity for faculty to present their research and to network with others in the research community. The Research, Innovation, & Impact Open House connects faculty with RII to better utilize services provided. Educational workshops include grant writing, REDCap, and Orange.

Sign up for the Research Events listerv by scanning the QR code on the front of this flyer.

Pilot and Bridge Funding

The Research Office administers pilot and bridge funding from a variety of funding sources. This provides important funding streams for trainee and faculty investigator projects.

Research Proposal Development

The Research Office provides guidance in appropriate construction of proposals to address NIH or other sponsor guidelines, and works closely with PIs to provide scientific editing and experienced advice. Get assistance with understanding Funding Opportunity Announcements (FOA), preparation or review of NIH Post-submission Materials, NIH or VA Just-in-Time Requests, NIH Research Performance Progress Reports (RPPR), manuscripts, letters of intent, limited submissions, and biosketches. The Research Office also interfaces with College of Medicine – Phoenix Directors of Operations and UAHS Research Administrators to prepare proposals for submission through UA Sponsored Projects in Tucson.

Request proposal assistance:

