New Faculty Orientation

Resources for Research at the UA College of Medicine

October 9, 2015
Stated 5-Year Goal: Increase the Biomedical Research Portfolio and Revenues
Mission

The Office of Research Administration within the University of Arizona Health Sciences provides concierge-level service to all investigators in support of research pre- and post-award activities, including sponsored project application submission, contract negotiation, clinical trials, and compliance support.
Research Administration Services

Pre-Award
- Budget development
- Prepare administrative sections of grant
- Secure Institutional Endorsement and Approval
- Submission of grant to external sponsor

Research Development
- Finding grants
- Draft institutional support letters
- Coordination of internal grant competitions
- Maintain description of core facilities services
- Develop and Maintain Trainee Tracking database (T32s)

Post-Award
- Consulting agreements and subawards
- Grant closeouts and no-cost extensions
- Updating awarded budgets
- Partnering with the business managers to assist in grant monitoring

Clinical Trials
- Budget development and negotiation
- Secure Institutional Endorsement all CTAs, CDAs, MTAs and Amendments
- Visit earning reconciliation & invoicing
- Cash collection & deposits
- Regulatory Support
Key Contacts

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Specialties: Pre-award proposals (grants or clinical trials), Customer support, post-award reporting, time sensitive requests

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Dionisia Saner
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Specialties: Data management, REDCap, Data mining, UA system reports, T32 tables

Michele Zacks, MS, PhD
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Specialties: Scientific Grantwriting, Biomedical/Life Sciences, Public Health, Data Management
Goals of the Centralized Research Administration Service Office

- Customer Service Model
- Implementation of Standard Operating Procedures
- Proactive Support for Faculty
- Increased Compliance Monitoring—especially for clinical trials
- Partner with other research administration units campus-wide
Why Central Support?

Increased Complexity
Grant Submission Systems

Rapidly changing rules and regulations
• Cost Sharing, IDC
• OMB, FCOI

Clinical Trial budgeting/Medicare coverage analysis requires experience and training
Why Central Support?

Large submissions require a team to coordinate all of the administrative sections.

Vacation, sick time coverage.

Development and implementation of standard best practices.
Why Central support? (con’t)

Allows the faculty time to focus on their science so we can....

NEVER SETTLE!
Grant Submission Support

• Meet with PI to discuss grant, requirements, deadlines, strategy, and institutional approval process
• Customer Service is key; “Never say no”
• Preparation of all administrative sections of the proposal including:
  - budget
  - budget justification
  - gathering information on core facilities and resources
  - drafting letters of support
  - Biosketches
  - Internal and External Forms
  - Responding to any comments/changes required by Sponsored Projects
  - Securing all necessary approvals, including Investigators/Departments/Colleges
• Submitting the grant via hardcopy, email, grants.gov or other electronic portal
Pre-Award Achievements - First Year

- Development of a number of shared tools and resources
  - T32 submission data table support and automation
  - NIH: New biosketch required as of May 2015
- Facilities and Resources: grant-ready text description available on AHSC website: http://research.ahsc.arizona.edu/
- Proactive NIH Progress Report tracking system
- Working with Research Development Services - sponsored “finding grants” workshops & other grant search support
- Partnering with Development & UA Foundation, develop new SOPs & practices for gifts vs. grants processing, tracking
Pre-Award Team

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Specialties: T32 Tables, Letters of Institutional Support, Pre-Award Services, Biosketches
Clinical Trial Support

- Banner Approval
- Payer Coverage Analysis
- Industry Budget Negotiation
- Regulatory Submissions
- Clinicaltrials.gov
- Post-Award Invoicing & Accounting
- Project, Planning, Coordination/Staffing & Facilities
Clinical Trial Achievements – First Year

1. Codified & initiated standard CT budget development and negotiation process
2. Tracking routing & execution of agreements (MTAs, CDAs, CTAs)
3. Implemented the financial integration process with Banner
4. Hired Clinical Trial Accountant
Clinical Trials Team

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Faculty Career Development (K) Awards

• K awards are designed to promote career development of specific groups of individuals based on past training and career stage.

• The objective is to bring candidates to the point where they are able to conduct research independently and are competitive for major grant support.

• K awards provide support for senior postdoctoral fellows or faculty-level candidates.
NIH “K Kiosk”

Research Career Development Awards

To provide institutional research training opportunities (including international) to trainees at the undergraduate, graduate, and postdoctoral levels.

1. Select Role
   - Awardee
   - Appointee

2. Select Career Level
   - Select

Mentored Research Scientist Career Development Award

The purpose of this program is to provide support and protected time for an intensive, supervised career development experience in the biomedical, behavioral, or clinical sciences leading to research independence. Some NIH Institutes use the K01 to enhance workforce diversity, or for individuals who propose to train in a new field, or for individuals who have had a hiatus in their research career.

K01

Details
View Current Funding Opportunities

Independent Research Scientist Development Award

The purpose of this program is to foster the development of outstanding scientists and enable them to expand their potential to make significant contributions to their field of research. The K02 award provides salary support and protected time for newly independent scientists who can demonstrate the need for a period of intensive research focus as a means of enhancing their research careers.

K02

Details
View Current Funding Opportunities

Senior Research Scientist Award

The purpose of this program is to provide salary and protected time to established researchers to devote effort to basic or clinical research and to act as research mentors.

K05

FAQs

- Who do I contact for questions about my specific application?
- If there are problems with RA Commons registration or with the grants.gov submission process, where can one get help?
- Who do I contact for questions about my specific institutional training application or grant?
- Do Training Grants have pre-award cost authority?
- NIH uses a formula to calculate what would be awarded for tuition/fees and training related expenses on institutional training grants. Should the grantee use this formula as part of their requested budget in a competitive grant?

View More

Policy Notices

- Notice of Clarification of 4-Year Limit of Postdoctoral Research Eligibility for K99 Applicants for PA-14-042 NIH Pathway to Independence Award (Parent K99/R00)
- Request for Information (RFI): Physician-Scientist Specific Grant Program to Facilitate the Transition From Training to Independence
- ASSIST New an Option for Institutional Training and Career Development (Ts and K12), Other Training Grants (Dr) and Various Research Exemplars
UA Health Sciences
Career Development (K) Awards & Submissions

K01, K08, and K23 Awards

- Submitted
- Awarded

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UAHS Internal Career Development Award

• Provides research training & funding for junior faculty to foster academic career in clinical & translational research with goal of NIH K proposal submission

• Internal competition for K-eligible junior faculty

• Two years of funding of $75k salary plus fringe; $5k per year for research, $1500 per year for travel, $5k per year for mentor’s research

• Online application
Increase the # of Physician Scientists (faculty & trainees)

UAHS Career Development Awardees - July 2014

PI: Cristine E. Berry, MD
Mentor: Fernando Martinez MD
"The Impact of Early Life Exposures on Lung Function Trajectory: Childhood Origins of COPD"

PI: Pavani Chalasani, MD
Mentor: Mark D. "Marty" Pagel MD
"Optimizing AcidoCEST MRI as a Novel Method to Measure Tumor pH in Breast Cancer Patients"

PI: Ankit A. Desai, MD
Mentor: Joe GN Garcia MD
"Sudden Death and Sickle Cell Disease: An Electrophysiological and Molecular Investigation"

PI: Amol Patwardhan, MD, PhD
Mentor: Frank Porreca PhD
"Intraoperative TRPV1 antagonist for treatment of hypothermia and postoperative pain"

PI: Francine C. Gachupin, PhD
Mentor: Scott B. Going, PhD
"American Indian Youth Wellness Initiative"

PI: May Khanna, PhD
Mentor: Todd Vanderah, PhD
"Genetic and Non-Genetic Contributors to ARDS Outcomes"

PI: Christian Bime, MD
Mentor: Sairam Parthasarathy MD
"Genetic and Non-Genetic Contributors to ARDS Outcomes"

PI: Katri Typpo, MD
Mentor: Fayez K. Ghishan, MD
"Intestinal Barrier Function and Bioenergetics in Congenital Heart Disease"
Increase the # of Physician Scientists (faculty & trainees)

UAHS Career Development Awardees – 2015

PI: Archita Desai, MD
Mentors: Elizabeth Calhoun and Thomas Boyer
“The Hospitalist-based Healthcare Delivery Model in Cirrhosis: Closing the Quality Chasm”

PI: Michelle Kahn-John, PhD, RN
Mentors: Thaddeus Pace; Marilyn McEwen; Terry Badger
“Depression in Diné (Navajo) Adults who Participate in the Diné Hóchxó’ijí (Navajo Evil Way) Ceremony”

PI: Wei-Hsuan Jenny Lo-Ciganic, PhD
Mentors: Kent Kwoh, Daniel Malone
“Using Machine Learning to Predict Problematic Opioid Use”

PI: Olga Rafikova, MD, PhD
Mentor: Steve Black, Ankit Desai
“HMGB1 and gender difference in pulmonary arterial hypertension”

PI: Jarrod Mosier, MD
Mentors: Charles Cairns
“Acute Respiratory Distress Syndrome (ARDS) rescue therapies and oxidative stress”

PI: Megan Smithey, PhD
Mentor: Janko Nikolich-Zugich
“Defining Immune Control of Human Cytomegalovirus over the Lifespan”

PI: Eyal Oren, PhD
Mentor: Lynn Gerald
“Assessing the relationship between childhood stress and asthma”
Other Institutional Resources
Research Gateway
http://www.rgw.arizona.edu
Limited Solicitations

Some funding programs limit the number of applications or proposals that an institution may submit. These limited solicitations programs, which typically limit an institution to one or two proposals per funding cycle, are coordinated by the Office for Research & Discovery to ensure that the University of Arizona submits only the allowable number of proposals. The following procedures are used to make these selections.

Announcement of Limited Solicitations

- Limited Solicitations Calendar
- Flow Chart for Limited Solicitations
- Review Process
- Exceptions

Announcement of Limited Solicitations

When a limited solicitation is identified, a limited solicitation announcement that
Campus-Wide Internal Faculty Funding Opportunities

ORD Funding Opportunities
Arts, Humanities and Social Behavioral Sciences
Medicine, Science, Engineering
Water, Environmental, and Energy Solutions
Global Initiatives
Provost's Office
Tech Launch Arizona

ORD Funding Opportunities
Incubating New Interdisciplinary Research Programs: Start for Success (SFS)
SFS awards are planning grants available to interdisciplinary groups of investigators to incubate new research programs that promise to lead to significant external funding. Awards range from $1,000 to $5,000 and can be used for activities such as workshops and consultancies leading to development of an external proposal. Start for Success grants are accepted on an ongoing basis and take approximately one month to review.

Germinating Research Program Success: Faculty Seed Grants (FSG)
Faculty Seed Grants provide awards of up to $10,000 on a competitive basis for projects involving research or other creative scholarly activity. The program supports short-term, one-time support to "jump start" worthwhile projects that can be used to develop major proposals for submission to extramural funding agencies or private contributors. The program gives priority to early career faculty.

Catalyzing New Interdisciplinary Research Programs: Accelerate for Success (AIS)
Accelerate for Success awards are available to interdisciplinary teams of accomplished faculty to wish to extend successful research programs into a new federal priority. Up to $150,000 may be requested to fund research staff and student, core facilities, and
Other Institutional Resources

- Human Subjects Protection Program (HSPP) http://orcr.arizona.edu/hspp
- HIPAA Privacy Office http://orcr.arizona.edu/hipaa
- Institutional Animal Care and Use Committee (IACUC) http://orcr.arizona.edu/iacuc
- Responsible Conduct of Research Program http://rgw.arizona.edu/research-compliance/rcr
- Conflict of Interest http://orcr.arizona.edu/coi
- Sponsored Projects Services (SPS) http://rgw.arizona.edu/services/sponsored-projects-services
- Contract & Research Support Program (CRSP) http://rgw.arizona.edu/services/contracting-and-research-services
- Research Development Services (RDS) http://rgw.arizona.edu/services/research-development-services
Grant Funding Search Tools

- Sources to FIND and APPLY for federal and non-federal grants.
- The University of Arizona is a registered Institution of most.
- Schedule a time to meet with us.
- We can create a COMMONS ID for you if you don’t have one.
Yves Lussier & Don Saner created Clinical Research Data Warehouse with IRB approval to operate Honest Broker process

Online Data Request Intake and tracking system
https://webapps.ahsc.arizona.edu/RequestDataForm309/

Implemented I2b2 to allow researchers to formulate “and/or” queries (graphical web-based tool) and returns # of patients matching the query

REDCap (redcap.cats.med.arizona.edu/redcap/) secure web application for building/managing online surveys, data-bases, case report forms
Free Resources including:

• Web-based reference management software (EndNote and RefWorks)
• ClinicalKey / MD Consult, Scopus, Google Scholar
• Open Access Publishing Funds (up to $3k per article)
• Staff Resources, e.g.,
  • Jeffrey Oliver, PhD, Bioinformationist
  • Ahlam Saleh, MD, MLS, Research Support

http://ahsl.arizona.edu/
Tech Launch Arizona (TLA)

Tech Transfer Arizona
- Securing, protecting & licensing University employee created intellectual property (IP)
- Embed network
- New Venture development
- Building relationships with companies around UA technologies

Business Development Resources
- Business domain experts advise on emerging technologies
- Business & Marketing Intelligence
- Asset Demonstration fund (POC)
- SBIR/STRR Initiative

Tech Parks Arizona
- Leverage space to help UA research and development thrive
- Specific programs of interaction and company engagement w/ UA
- Space for UA start-ups
Technology Commercialization Pathways

From RESEARCH to IMPACT

THE UNIVERSITY OF ARIZONA
TECH LAUNCH ARIZONA
How can TLA help you?

In addition to protecting IP, commercialization, and new business formation:

• Outgoing Material Transfer Agreements (MTAs)
• Non-Disclosure Agreements (NDAs)
• Advice and support when interacting with industry
• Provide support for IP clauses in sponsored research agreements and MTAs for incoming materials
• IP Management plans for grant proposals
• Support letters for federal grants
• SBIR/STTR support and proposal development
• Assistance for Conflict of Interest related to IP
Upcoming TLA Events

Idea to Asset:
How to translate research from bench to bedside
January 2016, Details TBD

Invention to Impact Workshops
Ventana Room in the Student Union on Main Campus
Wednesdays, 12:00-1:00 PM

- October 14: Asset Development
- October 21: Startups
- October 28: Licensing
Other Institutional Resources: Tech Launch Arizona (TLA)

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Lisa Lin, PhD
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Website: http://techtransfer.arizona.edu/
Fast Forward Newsletter: www.eepurl.com/yxTj9
Contact Information

CRC@medicine.arizona.edu
Use this email for contract questions, including Clinical Trials, Incoming Material Transfer Agreements, Confidentiality Agreements. Please also use this email to request support for budget development and negotiation on industry-sponsored clinical trials.

CRO@medicine.arizona.edu
Use this email for operational clinical research, including regulatory paperwork assistance and advice, study coordinator or translation services, study preparation and management questions.

AHSCgrants@list.arizona.edu
Use this email for grant pre and post-award questions including new submissions, searching for grant funding, advice on submission strategy, letters of support.
Any Questions?

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