Research: Resources and Activities

Information to Assist Department and Unit Heads

Dr. Pat Limbach, Vice President for Research
November 5, 2018
Overview

The Office of Research

SRS Update

Office of Research Resources & Initiatives

Research Policies and Practices

Research Challenges
Vision/Mission

Vision: The University of Cincinnati research enterprise integrates the arts, sciences and technology to provide unique opportunities for discovery, the traditional academic boundaries. UC’s agile research enterprise can address discern future possibilities for exploration that will benefit the greater Cincinnati beyond.

Mission: The Office of Research provides the University of Cincinnati research community with excellent services that enhance scholarship and research.
Office of Research – Leadership & Governance

OFFICE OF RESEARCH LEADERSHIP

EXECUTIVE RESEARCH ADVISORY BOARD

The Executive Research Advisory Board is responsible for examining University strategies for research, identifying resources required for strategy implementation, and they stay abreast of long-term trends in research activities and funding and how those trends affect the university. This board meets every other month annually.

Patrick Limbach
Office of Research

Ryan Hays
Office of the President

Gisela Escoc
Office of the Provost

Edward Latessa
Education, Criminal Justice and Human Services

James Heubi
Cincinnati Children’s Hospital Medical Center

Alex Lentsch
Medicine

Frank Germer
Engineering and Applied Science

Louis Muglia
Cincinnati Children’s Hospital Medical Center

Kate Bonansinga
Design, Architecture, Art, and Planning

Jennifer Krivickas
Office of Research

Teri Reed
Office of Research

Phil Taylor
Office of Research

RESEARCH ADVISORY BOARD

The Research Advisory Board is responsible for providing input and development of University strategies affecting research, communicating and advocating for research across the university, and assisting the Office of Research with events and activities that recognize and benefit the research enterprise. This board meets twice per academic semester.

Term Expiring 2022
Melanie Cushion
Medicine

Gordon Gillespie
Nursing

Margaret Harrison
Arts and Sciences

Jennifer Malak
Arts and Sciences

Dongli Zi
Engineering and Applied Science

Stephanie McMahon
Law

Kate Bonansinga
Design, Architecture, Art, and Planning

Jennifer Krivickas
Office of Research

Teri Reed
Office of Research

Phil Taylor
Office of Research

Term Expiring 2023
Michael Griffith
Arts and Sciences

Cheryl Holland
Medicine

John McKay
UC Blue and Gold

Daniele Palazzo
Design, Architecture, Art, and Planning

Chuck Sore
Business

Bingyang Yan
Pharmacy

Term Expiring 2024
Melissa Butsch-Roscow
Allied Health Sciences

Francisco Simaneti
Engineering and Applied Science

Jacinda Sorrell
Arts, Criminal justice, and Human Services

Jonathan Krugger
College ofArts and Sciences

Tamara Lopriore
Arts and Sciences

Meera Rastogi
UC Clermont College

Michael Trotter
Medicine

Term Expiring 2025
Tony Atrezzu
Office of Innovation

Jennifer Krivickas
Office of Research

Christopher Lewis
Office of the Provost

James Marsh
The Graduate School

Teri Reed
Office of Research

Phil Taylor
Office of Innovation

Mark Turner
Medicine
SRS Data: FY 2018

Research Funding Overview
Fiscal Year 2018

$159,696,681
UC Awards

Excludes Student Aid & Affiliate Data

Funding Source

Industry $7.5M (5%)
State of Ohio $6.5M (4%)
Other, Non-Profit $9.1M (6%)
Federal $136.7M (86%)

1532
Proposals Submitted

875
Awards Received

University of Cincinnati
Office of Research
## SRS Data: FY 2018

### Proposals Submitted vs Awards Received

<table>
<thead>
<tr>
<th>Year</th>
<th>Count (#)</th>
<th>FY 2018</th>
<th>FY 2017</th>
<th>FY 2016</th>
<th>FY 2015</th>
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<td></td>
<td></td>
<td>Awarded</td>
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<tr>
<td>Federal</td>
<td>$136.7M</td>
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<td>$135.4M</td>
<td>$119.7M</td>
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<td>Other, Non-Profit</td>
<td>$9.1M</td>
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<td>$23.3M</td>
<td>$8.2M</td>
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<td>Industry</td>
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<td>$8.7M</td>
<td>$7.5M</td>
<td>$8.2M</td>
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<tr>
<td>State of Ohio</td>
<td>$6.5M</td>
<td>$6.2M</td>
<td>$5.4M</td>
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<tr>
<td>Local Government</td>
<td>$8.0K</td>
<td>$660</td>
<td>$3.0K</td>
<td>$205.5K</td>
<td>$659.2K</td>
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<td><strong>Total</strong></td>
<td><strong>$159.7M</strong></td>
<td><strong>$156.1M</strong></td>
<td><strong>$171.6M</strong></td>
<td><strong>$141.1M</strong></td>
<td><strong>$139.4M</strong></td>
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</tbody>
</table>
Office of Research – Units

• Institutional Animal Care and Use Committee (IACUC)/LAMS
• Biosafety
• Ethics in Industry Engagement
• Export Controls
• Government Cost Compliance
• Human Research Protection Program (HRPP)

• Leather Research Laboratory
• Research Development
• Radiation Services
• Sponsored Research Services
• Research Integrity
• Office of the Vice President for Research
Office of Research Resources

Office of Research Web Site (research.uc.edu)
Office of Research How2 (researchhow2.uc.edu)
Office of Research Internal Support Dashboard (dataanalytics.uc.edu/t/Research/views/InternalSupportByFiscalYear/Dark)
Research Directory (researchdirectory.uc.edu)
SPIN (research.uc.edu/funding/spin)
SRS Annual Report (research.uc.edu/annual-sponsored-award-report)
SRS Proposals/Awards Live Dashboard (researchhow2.uc.edu/tableau/)
SRS Award Success (>150K) Dashboard (dataanalytics.uc.edu/t/Research/views/SuccessRate2/Overview)
Office of Research Initiatives

Research Program Development
  Internal Funding Opportunities
  Proposal Development Services

Signature Programs
  *Next Lives Here* – Urban Futures Pathway inc. Digital Futures Building
  Skin Science & Technology Collaborative (S2TC)
  CyberResearch Initiative
  Advanced Transportation Collaborative
  Smart, Secure and Sustainable Communities Interest Group
  Arts & Humanities in the Age of Impact Interest Group
Office of Research Initiatives

**Internal Funding Opportunities**

Collaborative Research Advancement Grants Program
  - Track 1: Pilot Teams
  - Track 2: Strategic Teams

Faculty Bridge Program

Science Engineering + Art Design (SE+AD) Advancement Grant

Core Capability Development Grant Program

Core Equipment Grant Program

University Research Council
  - Creative & Performing Arts Cost Support Program
  - Humanities and Social Sciences Cost Support Program
  - Faculty Research Cost Support Awards Program
  - Graduate Student Stipend and Research Cost Awards for Faculty-Student Collaboration
  - Undergraduate Student Stipend and Research Cost Awards for Faculty-Student Collaboration
Office of Research Initiatives

Proposal Development Services
Cross-college/Colleges without extensive pre-award infrastructure

Proposal project management and process outlining
Proposal editing, formatting, review
Proposal administrative support
Identifying and compiling supplemental information
Non-technical writing
Coordination with collaborators and sub-awardee organizations
Letters of institutional support/commitment
Office of Research Initiatives

Faculty Research Development

  New Faculty Orientation

Trans-Disciplinary Research Leadership Program

Annual Research Development and Support Programming Series
  (http://research.uc.edu/events)
  (http://research.uc.edu/development/offices/research-development/overview)

Research Launch Awards
Office of Research Initiatives

Research Ethics & Integrity

Research Integrity Videos (research.uc.edu/support/offices/office-of-research-integrity/)

Research & Innovation Week Ethics & Integrity Day (April 4, 2019)

CCTST Ethics, Regulatory Support & Knowledge Core

iThenticate

*Next Lives Here: Urban Impact* – Ethics Center

Anonymous Reporting Hotline (www.uc.edu/about/hotline.html)
COI Update

COI in the news: NYT, top cancer researcher failed to disclose relevant industry relationships in disclosure forms submitted with manuscripts to several journals, of 180 papers); resigned from MSK

Industry interactions policy revised (COM Council 11/15) clarify relationships

Reminders:
- Ensure full disclosure about interests and relationships to UC and in other writing, as well as grant applications, where appropriate
- Review information posted about you on the CMS Open Payments website
- Update OAR within 30 days of acquisition or discovery of a new relationship

We are committed to research integrity which includes the obligation to facilitate which faculty and industry collaborate, and the processes we put in place to review and
Office of Research Initiatives

Communications

*Findings* – Monthly Office of Research Newsletter ([research.us16.list-manage.com/subscribe](http://research.us16.list-manage.com/subscribe))

*Compliance Matters* – Quarterly Office of Research Integrity Newsletter

*Impact* – Semi-annual Office of Research Report

“Research Calendar” Coming Soon – one stop location for all research talks/events across

Media Placement (Cincinnati Edition)

Research Integrity Videos ([research.uc.edu/support/offices/office-of-research-integrity/](http://research.uc.edu/support/offices/office-of-research-integrity/))

Research Development Brochures

Facts & Figures Wallet Cards
Office of Research Initiatives

Sponsorships, Events & Recognition

WISE
GSGA
National Postdoc Association
Sigma Xi

Research & Innovation Week (April 1 – 6, 2019)
Topical Events (e.g., Water Week with Taft Center; UC Sensors Retreat; Data Analytics Showcase)

Office of the Provost/Office of Research Faculty Awards
Office of Research Core Value Awards
Sponsored Research Faculty Recognition Ceremony
Research Administrators Appreciation Celebration
# Research Policies & Practices

## Board Rules

<table>
<thead>
<tr>
<th>Rule #</th>
<th>Topic</th>
<th>Summary</th>
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</thead>
<tbody>
<tr>
<td>3361:10-5-10</td>
<td>VP for Research</td>
<td>VPR's responsibilities: SRS, UCTAC, Research Integrity, URC, HRPP and the fellows of the graduate school</td>
</tr>
<tr>
<td>3361:10-17-03</td>
<td>Conduct &amp; Ethics</td>
<td>UC Code of Conduct and Ethics, including conflict of interest, compliance and research integrity</td>
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<tr>
<td>3361:10-17-05</td>
<td>Research Misconduct Investigation</td>
<td>Research Misconduct: definitions, administrative action, Allegations, criteria, initial inquiry, investigation process, investigation report and external review.</td>
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<tr>
<td>3361:10-17-08</td>
<td>Conflict of Interest</td>
<td>UC's Conflict of Interest: rationale, scope, reporting, training, committee, VPR's designee, appeal, and federal compliance.</td>
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<tr>
<td>3361:10-17-10</td>
<td>Ethical Conduct in Research Involving Human Subjects</td>
<td>Role of IRB and IRB process/procedures</td>
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<tr>
<td>3361:10-30-01</td>
<td>Export Controls</td>
<td>Export Controls in SRS: definitions and policy</td>
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<tr>
<td>3361:10-30-02</td>
<td>Publication restrictions</td>
<td>Publication restrictions in SRS</td>
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<tr>
<td>3361:10-30-03</td>
<td>Sensitive, Unclassified Research</td>
<td>Policy on sensitive but unclassified research: applicability, background, requirement for approval and additional conditions</td>
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</tbody>
</table>
Research Policies & Practices

University Policies

1.3.2 Conflict of Interest on Externally Funded Projects
2.1.11 Facilities and Administrative Proposal Guidelines, Distribution of Revenue, and Use of Funds
2.1.14 F&A Return for Multiple PIs
2.1.18 Fringe Benefit Rates for Sponsored Projects
2.1.19 F&A Rates for Sponsored Projects
2.1.20 Effort Commitment on Sponsored Projects
2.1.21 Labor Verification on Sponsored Projects
2.1.22 Allowability, Reasonableness and Allocability of Costs for Sponsored Projects
2.1.23 Cost Transfers on Sponsored Projects
2.1.24 Service Centers
2.1.32 Sales & Service Funds
Research Policies & Practices

Office of Research Practices

Startup Support for Hiring
Startup requests come through Dean’s office; Guidelines & Templates available on Research How2; Annual reporting

Support for Faculty Retention
Retention requests come through Dean’s office; Significant unit/college support expected

Cost-Share
PDS handles all requests: Annual budget for mandatory cash cost-share; In some cases, ODHE support also required; where in-kind cost-share required/allowed; Cost-share requests that are not mandatory must be submitted through

Limited Submissions
PDS handles Limited Submissions via web portal (rsrch-webserver.uc.edu/); Two types – faculty research process dependent on type.

ORCID
All faculty should register for an Open Researcher and Contributor ID (ORCID) through Scholar@UC (scholar.uc.edu/)
Additional Resources

a2ru
Alliance for the Arts in Research Universities (www.a2ru.org) workshops and funding

APLU
Council on Research (COR) (www.aplu.org) provides useful research resources

EAB
Education Advisory Board (www.eab.com) Research Forum best practices

Lewis-Burke
Assist with opportunity identification and engagement with congressional delegation

ODHE
OH-TECH (Ohio Supercomputer); Action Fund Cost-Share; Ohio Innovation Exchange (OIE)

ORAU
Oak Ridge Associated Universities (www.orau.org) funding and networking
Research Challenges

Federal Funding Landscape
Research Security & Espionage
Export Control
IRB/Human Subjects Research
Authorship Guidelines/Policies
UC Research Infrastructure
Institutional Conflict of Interest/Conflict of Interest
Barriers to Collaborative Research
F&A Rates