Research: Resources and Activities

Information to Assist
Department and Unit Heads

Dr. Pat Limbach, Vice President for Research

November 5, 2018

University of CINCINNATI | OFFICE OF RESEARCH

Overview

The Office of Research

SRS Update

Office of Research Resources & Initiatives

Research Policies and Practices

Research Challenges

University of **CINCINNATI** | OFFICE OF RESEARCH

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

Patrick Limbach
Vice President for Research

Jane Strasser
Assoc. VP for Research Integrity

Holly Bante
Assist. VP for Ethics in Industry Engagement

Patrick Clark
Assist. VP for Operations & Management

Jennifer Krivickas
Assist. VP for Integrated Research

Teri Reed
Assist. VP for Faculty Research Development

Phil Taylor
Assist. VP for Strategic Initiatives

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 Escoe
Office of the Provost

Edward Latessa
Education, Criminal Justice and Human Services

James Heubi
Cincinnati Children's Hospital Medical Center

Alex Lentsch
Medicine

Frank Gerner
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 2019	TERM EXPIRING 2020	TERM EXPIRING 2021	UNDEFINED TERM
Melanie Cushion Medicine	**Michael Griffith** Arts and Sciences	**Melinda Butsch-Kovacic** Allied Health Sciences	**Tony Almaguer** Office of Innovation
Gordon Gillespie Nursing	**Christy Holland** Medicine	**Francesco Simonetti** Engineering and Applied Science	**Jennifer Krivickas** Office of Research
Margaret Hanson Arts and Sciences	**John McNay** UC Blue Ash College	**Jacinda Dariotis** Education, Criminal Justice, and Human Services	**Christopher Lewis** Office of the Provost
Jennifer Malat Arts and Sciences	**Danilo Palazzo** Design, Architecture, Art, and Planning	**Jonathan Kregor** College-Conservatory of Music	**James Mack** The Graduate School
Donglu Shi Engineering and Applied Science	**Chuck Sox** Business	**Tamara Lorenz** Arts and Sciences	**Teri Reed** Office of Research
Stephanie McMahon Law	**Bingfang Yan** Pharmacy	**Meera Rastogi** UC Clermont College	**Phil Taylor** Office of Research
		Michael Tranter Medicine	**Mark Turner** Faculty Senate

University of **CINCINNATI** | OFFICE OF RESEARCH

SRS Data: FY 2018

Research Funding Overview
Fiscal Year 2018

$159,696,681
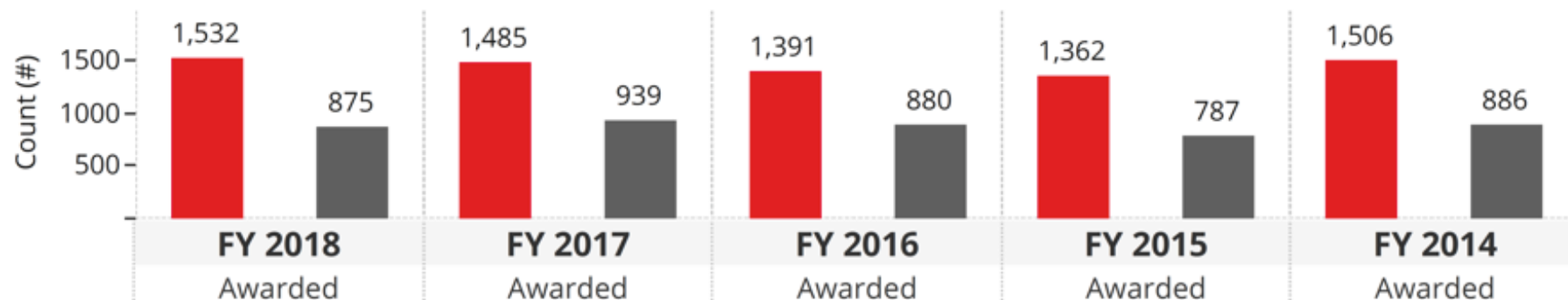**UC Awards**

Excludes Student Aid & Affiliate Data

State of Ohio
$6.5M (4%)

Industry
$7.5M (5%)

Other, Non-Profit
$9.1M (6%)

Funding Source
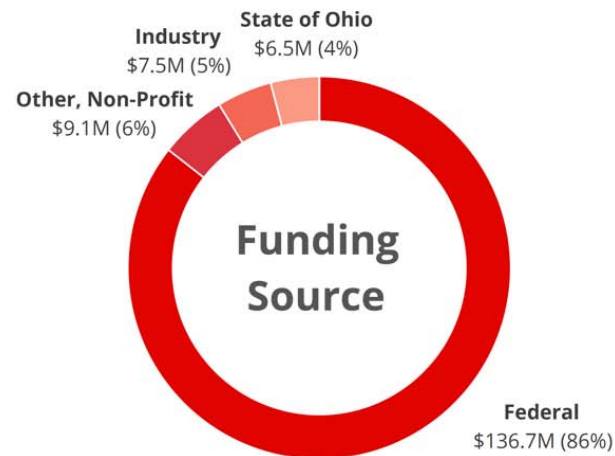
Federal
$136.7M (86%)

1532
Proposals Submitted

875
Awards Received

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SRS Data: FY 2018

| | Proposals Submitted | Awards Received |

	FY 2018 Awarded	**FY 2017** Awarded	**FY 2016** Awarded	**FY 2015** Awarded	**FY 2014** Awarded
Federal	▲ $136.7M	$132.0M	▲ $135.4M	▲ $119.7M	$115.0M
Other, Non-Profit	$9.1M	$9.3M	▲ $23.3M	▲ $8.2M	$7.8M
Industry	$7.5M	▲ $8.7M	$7.5M	$8.2M	$10.0M
State of Ohio	▲ $6.5M	▲ $6.2M	▲ $5.4M	$4.8M	$5.8M
Local Government	▲ $8.0K	$660	$3.0K	$205.5K	$659.2K
Total	▲ **$159.7M**	**$156.1M**	▲ **$171.6M**	▲ **$141.1M**	**$139.4M**

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Office of Research – Units
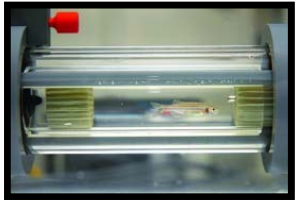
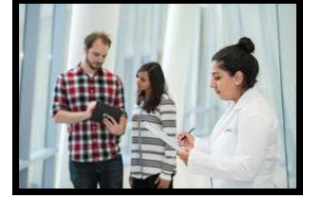- Institutional Animal Care and Use Committee (IACUC)/LAMS

- Biosafety

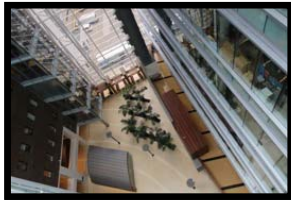- Ethics in Industry Engagement

- 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)

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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

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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

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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)

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/)

Research Development Brochures

Facts & Figures Wallet Cards

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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

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Research Policies & Practices

Board Rules

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

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](#)

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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/)

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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 (OIEx)

ORAU

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

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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

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