

Welcome to UH Research

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VICE PRESIDENT FOR RESEARCH, UNIVERSITY OF HOUSTON

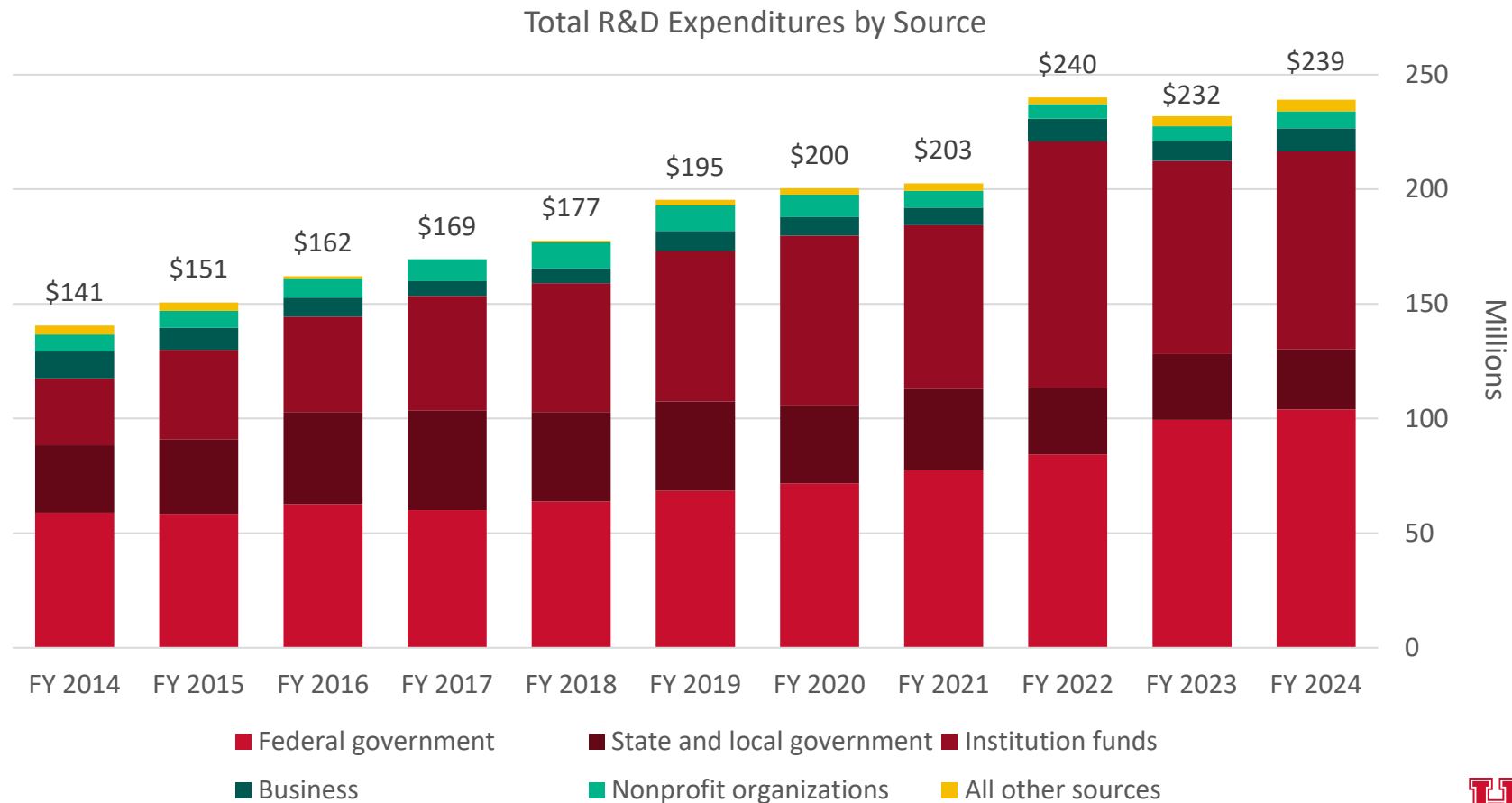
VICE CHANCELLOR FOR RESEARCH, UH SYSTEM

By the Numbers

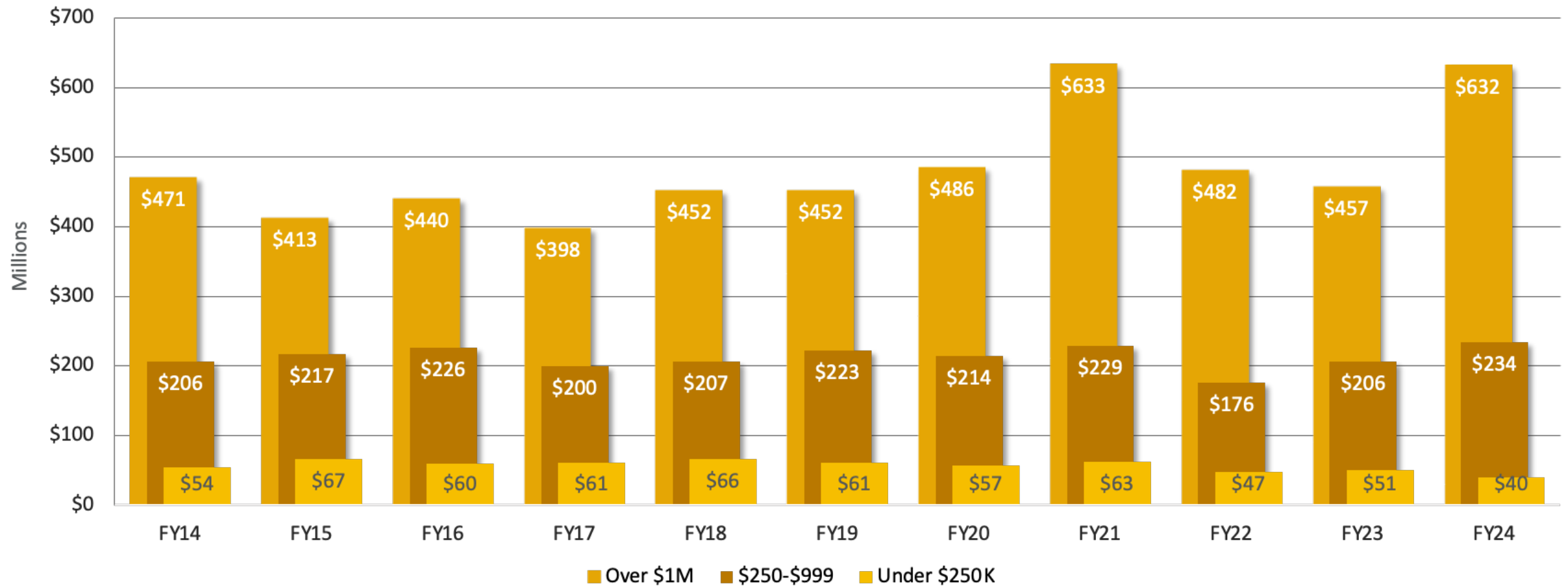


Measuring Our Impact

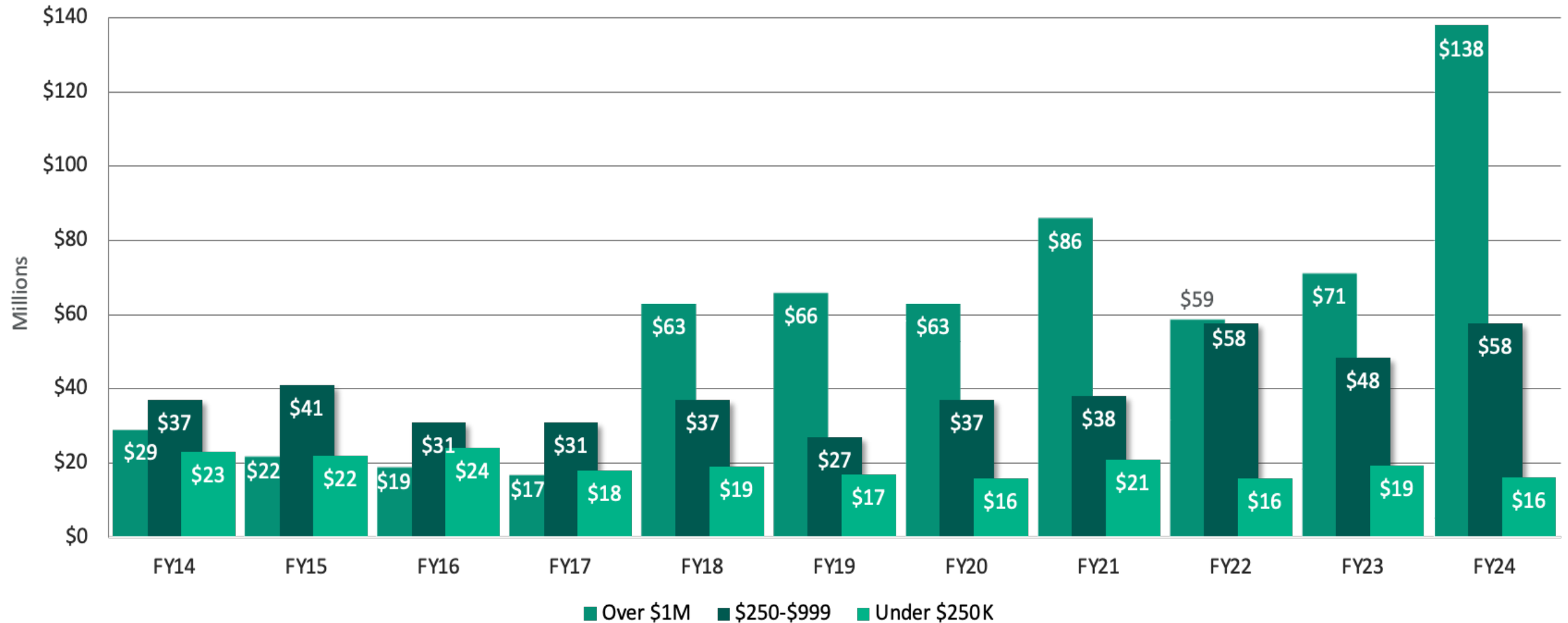
Total Expenditure



Total Funds Requested



New Awards Funded



Notable Faculty

UH faculty members advance this institution through their membership in the prestigious National Academies, as well as notable awards earned for innovation in their respective disciplines.

43

National Academy of Inventors
Fellows & Senior Members

15

National Academy of
Engineering Members

4

National Academy of
Sciences Members

99

NSF CAREER Awards

52

Faculty Fulbright Scholars

13

AAAS Members



Each year, the Office of the President honors faculty for outstanding contributions to research and scholarship at the President's Circle Awards.

13 National Research Centers

UH leads externally-funded centers that comprise numerous collaborations with partner institutions, government and industry.



ASMI

Advanced Superconductor
Manufacturing Institute

BTI

Borders, Trade and
Immigration Institute

BRAIN

Center for Building Reliable
Advances and Innovations in
Neurotechnologies

CCME

Center for Carbon
Management in Energy

CIC

Center for Integrated
Catalysis

CSEL

Center for Success of
English Learners

CTPH

Consortium for Translational
and Precision Health

CYBER-CARE

Transportation Cybersecurity
Center for Advanced
Research and Education

HEALTH-RCMI

HEALTH Center for Addictions
Research and Cancer Prevention

IDEAS²

NASA MIRO Inflatable
Deployable
Environments and
Adaptive Space
Systems

NCALM

National Center for
Airborne Laser Mapping

SSI

Subsea Systems Institute

TCLD

Texas Center for Learning
Disabilities

7 University Research Centers

UH also has seven highly-visible university-supported centers.



AMI

Advanced Manufacturing Institute

DDI

Drug Discovery Institute

HPE DSI

Hewlett Packard Enterprise
Data Science Institute

HRI

HEALTH Research Institute

HuRRI

Hurricane Resilience Research
Institute

TcSUH

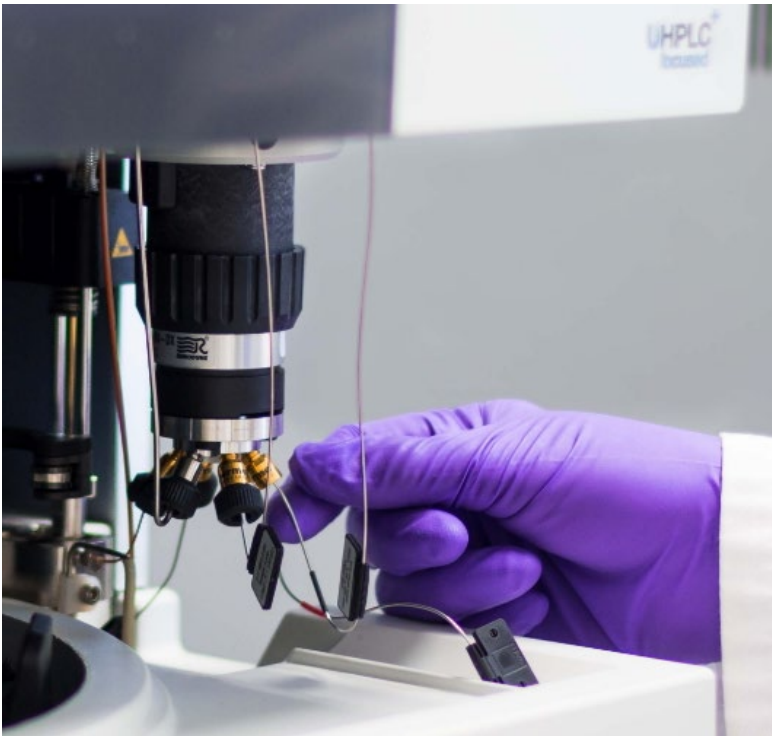
Texas Center for
Superconductivity at UH

TIMES

Texas Institute for Measurement,
Evaluation and Statistics

7 Centralized Core Facilities

The Division of Research maintains a growing number of core facilities. Additional cores are managed by individual colleges or departments. UH is also a member of the Gulf Coast Consortia, which allows researchers access to cores at partner institutions.



Animal Behavior Core

Animal Care Operations

Digital Humanities Core

Research Computing Data Core

Electron Microscopy Core

Mass Spectrometry Core

Texas Center for Superconductivity at UH

Major Initiatives



Setting the research agenda for the University of Houston



University Research Priorities

The University Research Priorities guide investments in research infrastructure, interdisciplinary collaborations, faculty recruitment, and internal funding. Intended to strengthen targeted areas of opportunity, the framework also remains inclusive of the full range of scholarly activity across campus.

- Energy, Security and Sustainability
- Health and Well-being
- Advanced Materials and Manufacturing
- Aerospace and Earth and Planetary Sciences
- Digital Futures and Human Experience
- Education, Civic Engagement, and Workforce Development



Expanding Core Facilities

The University has committed **\$22 million** to purchase equipment for new core facilities to support national priority research areas:

- Advanced Manufacturing
- Advanced Materials
- Imaging and Scanning
- Data and Sensing
- Automation and Autonomy

The investment will provide equipment for our research community to compete effectively for research awards and excel at delivering the goals and objectives of their research projects. Core facilities optimize investments in equipment and make them available to the UH research community.



Presidential Frontier Faculty

The University of Houston launched its Presidential Frontier Faculty initiative in 2022 to recruit top scholars from around the globe. These researchers and teachers engage in interdisciplinary research that responds to societal challenges facing communities around the globe.

Priority Research Areas

- Aerospace
- Artificial Intelligence
- Engineering
- Sustainability
- Health

A photograph of the University of Houston flag, which is red with a large white 'UH' logo, and the Texas state flag, which is blue, white, and red with a star. They are flying on tall poles against a clear blue sky with some green foliage visible at the edges.

Top 50 University

Currently a top 75 university in the *U.S. News and World Reports* rankings, UH has set its sights on landing a spot in the top 50.

By prioritizing student success and cutting-edge research, we'll build a stronger, more connected community that inspires pride and opens doors to opportunities for all.

The Division of Research



Who we are and how we can help

DOR Offices



Proposal and Award Support



Find Funding

New opportunities are published each week in the *Inside Research* newsletter.



Develop Proposals

DOR supports colleges in submitting proposals for external funding and provides workshops and other grantsmanship resources.



Manage Awards

DOR establishes cost centers, communicates terms and conditions, and oversees subaward management.



Stay in Compliance

DOR ensures compliance with federal regulations and the responsible conduct of research and conducts congruency reviews.

The PI WorkCenter

The **PI WorkCenter** is your portal to manage your grants and awards, including your start-up package.

Favorites ▾

Main Menu ▾

Grants ▾

Research Work Center ▾

PI Work Center

ORACLE

PI Work Center

My Work - PI

Transmittal

- Create Transmittal
- Underconstruction
- Awaiting Your Approval
- Being Routed for Approval
- Search Transmittal

PI - Research Reports

- My Inbox
- My Proposals
- My Awards
- My Contracts
- Project Cost Centers
- Technical Report Due

System Tools

- Delegate
- Equipment

Account Summary

Cost Center Manager

Cost Center Manager Dashboard

Project▲	SpeedType Key▲	Title	Sponsor	Project End Date	Budget	Expenses	Commitment	Balance	Variance
G0501776	63438	BIG ISLAND SO2 SURVEY	National Aeronautics and Space Administration - Office of Biological and Physical Research	01/31/2024	201,929.00	160,176.96	16,140.60	25,611.44	12.68%
G0502834	64302	MONITORING RELATED TO OZONE FORMATION IN AND OZONE AND PARTICULATE MATTER TRANSPORT INTO THE HOUSTON REGION	Texas Commission on Environmental Quality	06/15/2020	248,867.53	248,867.53			0.00%
G0503067	64520	Residual Funds for Dr. Earth & Atmospheric Sciences	University of Houston - Residual Funds - Agency # 730	08/31/2028	64,363.77	45,091.35		19,272.42	29.94%
G0503220	64856	IN SITU MEASUREMENTS OF OZONE AND NO2 IN THE EAST SEA AND YELLOW SEA IN SUPPORT OF KORUS-OC AND KORUS-AQ	National Aeronautics and Space Administration - Office of Biological and Physical Research	05/31/2023	178,689.00	178,688.24		0.76	0.00%
G0504553	65984	OZONESONDE LAUNCHES IN SAN ANTONIO AND EL PASO	Texas Commission on Environmental Quality	06/30/2021	210,000.00	211,000.65	-1,366.05	365.40	0.17%

Notify

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Notification

NavBar

New Window | Help | Personalize Page

The PI WorkCenter



Click the icon in **accessuh.uh.edu** to open the PI WorkCenter.



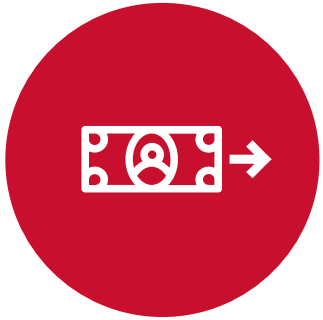
Hanover Research

The Division of Research has partnered with Hanover Research, a national research consulting firm, to expand support for faculty pursuing large, complex, and competitive funding opportunities. Hanover offers expert guidance in proposal development, sponsor analysis, and strategic planning.

Faculty can access support in four key areas. These services are coordinated through the Office of the Vice President for Research.

- proposal review
- proposal revision
- funding opportunity searches
- strategic consult calls

Division Resources



Internal Awards



Training

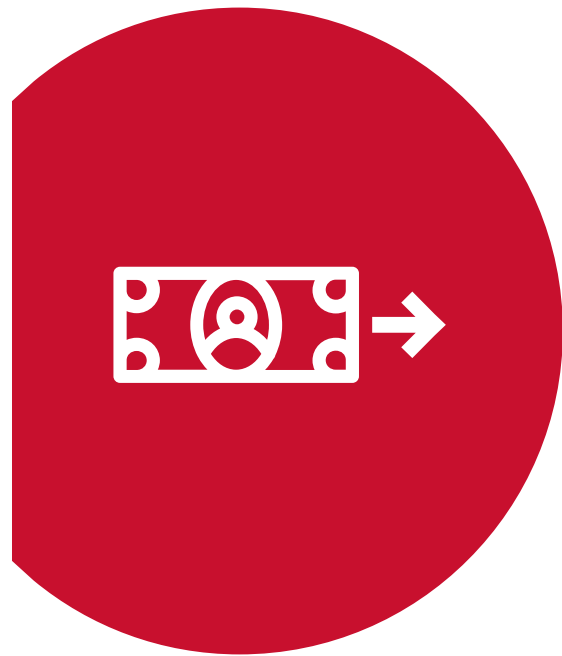


Announcements



Collaboration

Division Resources



Internal Awards

- Awards for Excellence in Research, Scholarship and Creative Activity
- Grants to Enhance and Advance Research (GEAR)
- New Faculty Research
- Small Grants
- Bridge Funds
- National Center and Team Science Planning Award
- Small Equipment Grants

Division Resources



Training

UH RESEARCH FORUM

Monthly presentations and panel discussions on the ever-changing world of university research.

WRITE WINNING GRANT PROPOSALS WORKSHOP

Two-day intensive offered each year that addresses critical practical and conceptual aspects of writing competitive grant proposals.

SRAI LEVEL UP MICRO-CREDENTIAL PROGRAM

Online courses covering essential topics for modern research administration.

RESEARCH SECURITY TRAINING

Required training provided through the CITI Program.

Division Resources



Announcements

The Inside Research newsletter goes out to all UH faculty every Wednesday with news, announcements, events, and funding opportunities.

Not receiving Inside Research? Contact Tim Holt, executive director of Strategic Research Communications, at cjholt@uh.edu.

Division Resources



Collaboration

The Division of Research provides opportunities for researchers to collaborate across the University and with regional industry partners and other external organizations.

- Logistics and partial financial support for conferences
- Seed funding for proposal preparation

Connect



Where and how to find us

Connect with DOR



DOR Website



SharePoint Site



Email



Events

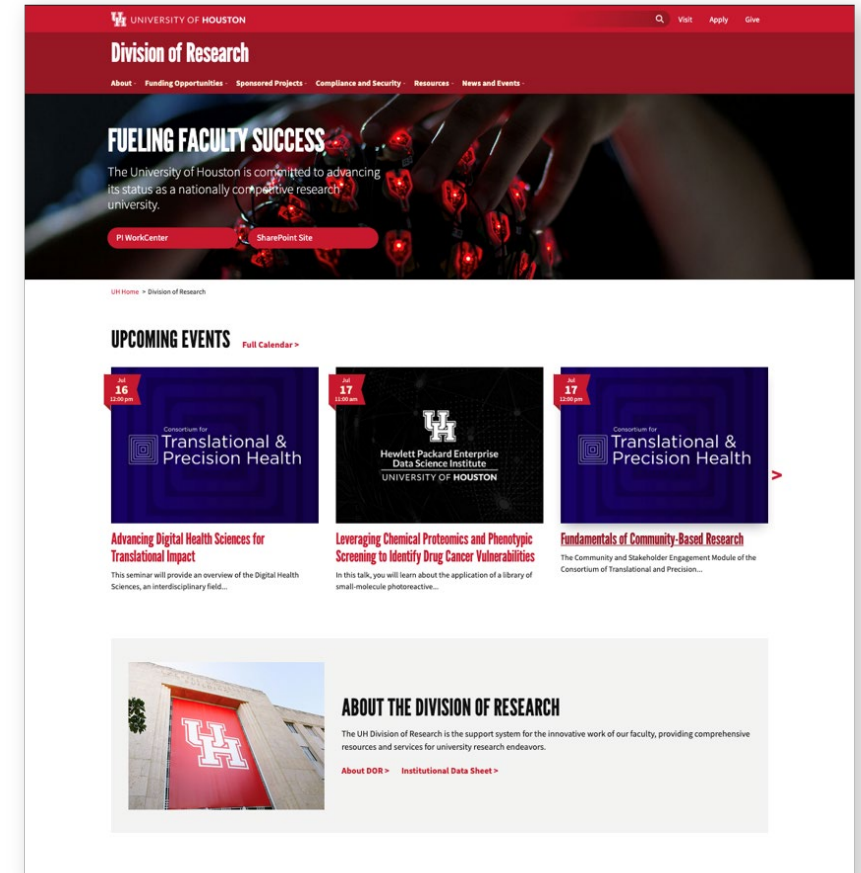
Connect with DOR



DOR Website

The Division of Research website is the place to find out about processes and policies, DOR departments and contacts, and other research support and services at UH.

Visit us at uh.edu/research.



Connect with DOR

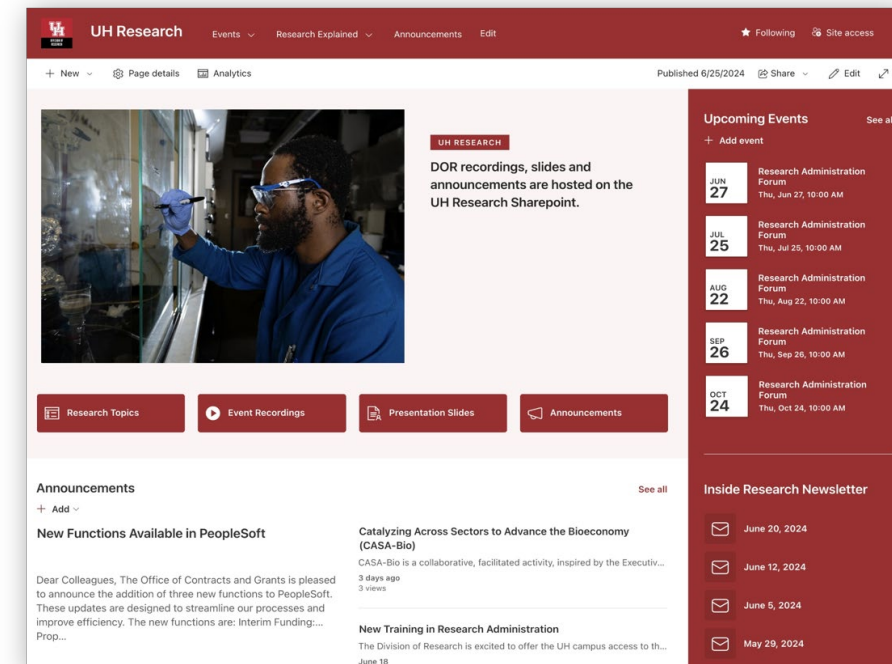


UH Research SharePoint Site

DOR hosts event recordings, presentation slides, and other content on **SharePoint**.

New content is added every month. All UH users have access to this content with their CougarNet credentials.

Visit SharePoint via Office 365 or directly at <https://uofh.sharepoint.com/sites/uh-research>.



Connect with DOR



Email

Important announcements from the VPR and other division offices, along with the ***Inside Research*** newsletter, will come to your official UH email.

Connect with DOR



Events

The Division of Research hosts and promotes events throughout the years. Check the DOR calendar to register.



Navigating the IRB Process
Wednesday, October 15
11 a.m. – Noon



UH Research Forum
Monday, October 27
Noon – 1 p.m.

Register for these events on the DOR Website, uh.edu/research



National Research Administrators Day

Today is National Research Administrators Day.

Research administrators are the backbone of our research enterprise, providing essential support behind every project. Their hard work ensures our success.

Please take a moment today to express your gratitude and appreciation to the research administrators in your college and department.

Networking

Office of Contracts and Grants

Submit Proposals and Manage Your Awards

- **Research Administrative Services** assists faculty in proposal development and submission, sponsored project contract negotiation and execution of monetary and non-monetary agreements, and management of awards.
- **Research Financial Services** handles billing, financial reporting, and effort reporting and close out for sponsored projects.
- **Research Systems and Reporting** is responsible for data and system analysis for division and institutional reporting, and oversee the design, development, and maintenance of research databases

Networking

Research Integrity and Oversight

Understand the Regulations Around Your Research

- Ensures compliance with federal regulations for work with both human and animal subjects, conflicts of interest, grant congruency, and responsible conduct of research.
- Conducts congruency reviews prior to award set up (verifies IRB, IACUC, COI, safety approvals)

Networking

Animal Care Operations

Care For Your Research Animals

- Provides professional veterinary and husbandry services to support animals used in biomedical and behavioral research
- Maintains standards for animals, facilities, equipment, and procedures
- Offers services to faculty for animal procurement, training, veterinary consultation in research design, transportation of animals and veterinary care

Networking

Supporting Services

- **Business Operations** provides human resources, financial, and administrative support services for the Division of Research, and is responsible for maintenance of computer databases and division information repositories.
- **The Research Administration** office provides oversight to laboratory renovation and construction projects, as well as University wide core facilities and large equipment purchases.
- **Strategic Research Communications** is responsible for raising the visibility of UH research and innovation programs nationally, among peer institutions and throughout Houston's regional industry.



Thank You

 E. Cullen Building, 316 Suite

 research@uh.edu

 uh.edu/research

TO SERVE

We serve the research community by satisfying client requirements, ensuring research compliance, and protecting the University's intellectual and financial interests.

TO LEAD

We lead the university by managing institutional research priorities and supporting a broader view of individual and small-group research.