

WELCOME TO UH RESEARCH

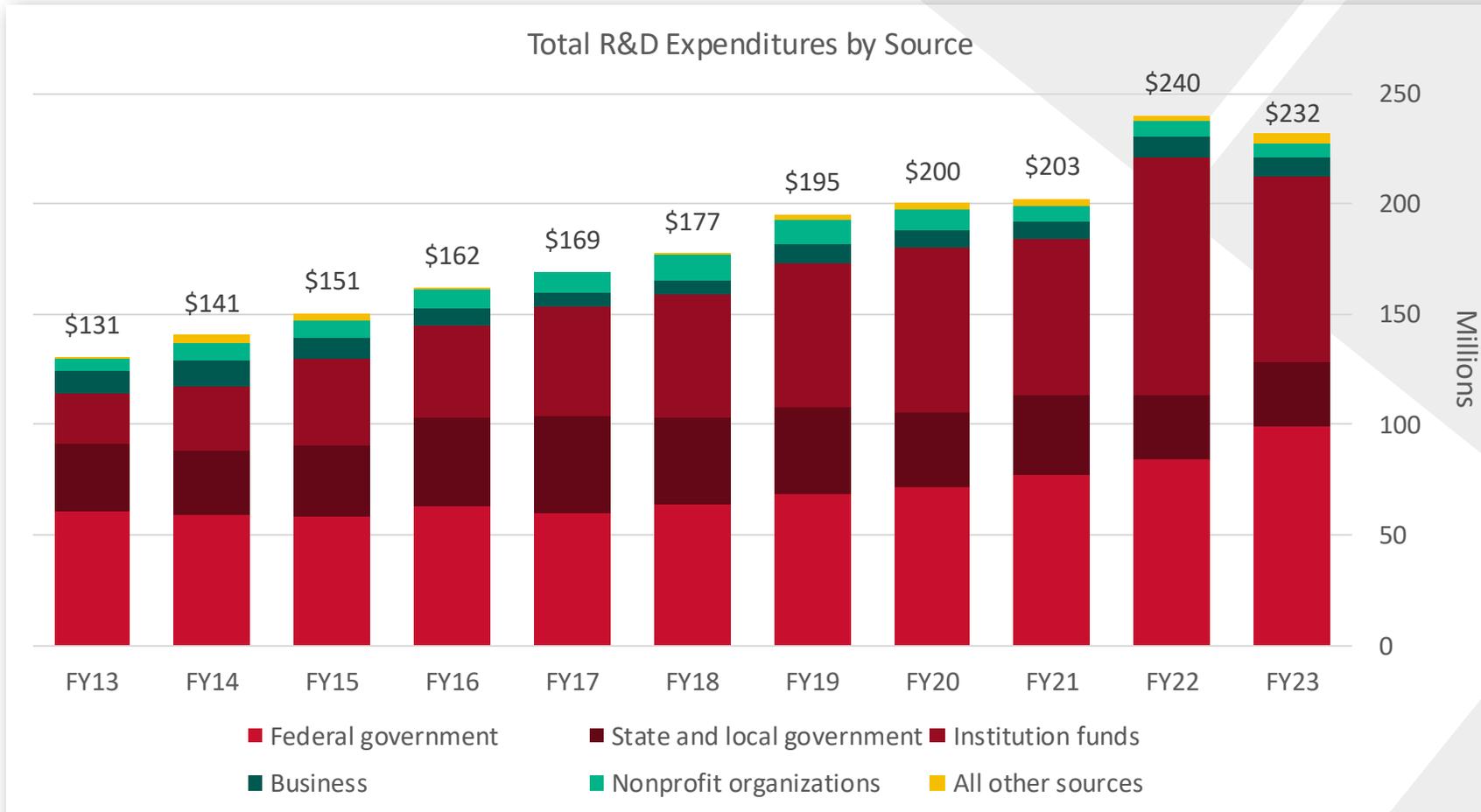
Luncheon Event for New Faculty
September 25, 2024

Claudia Neuhauser, Vice President for Research

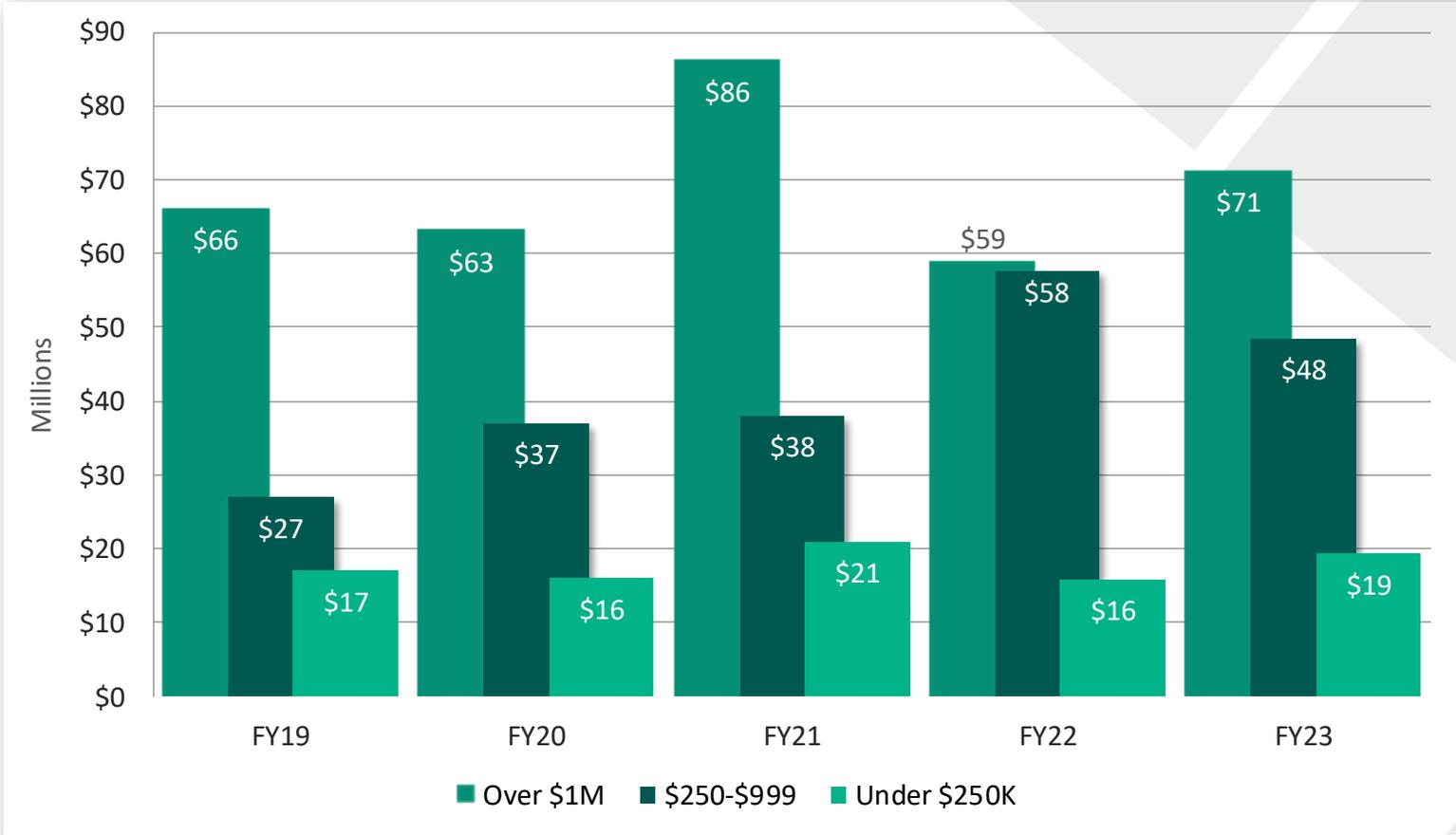


The University of Houston
is on the move

Total Expenditure – NSF Reported



New Awards Funded



National Centers

UH leads twelve externally-funded centers, comprising numerous collaborations with partner institutions and industry...

ASMI

Advanced Superconductor
Manufacturing Institute

BTI

Borders, Trade and
Immigration Institute

BRAIN Center

Center for Building Reliable Advances and
Innovations in Neurotechnologies

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

NCALM

National Center for Airborne
Laser Mapping

NCRED

National Center for Research
on Educator Diversity

SSI

Subsea Systems Institute

TCLD

Texas Center for Learning
Disabilities

University Centers

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

AMI

Advanced Manufacturing Institute

CCME

Center for Carbon Management
in Energy

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

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.

40

National Academy of Inventors
Fellows & Senior Members

18

National Academy of
Engineering Members

4

National Academy of Sciences
Members

89

NSF CAREER Awards

48

Faculty Fulbright Scholars

13

AAAS Members

Major Initiatives

Setting the research agenda for the University of Houston

Vision for Research Preeminence



Doubling Research Expenditures



Expanding Core Facilities



Establishing Research Priorities



Research Security



Vision for Research Preeminence



Doubling Research
Expenditures

Our goal is to **double our research expenditures**, increasing NSF-reported research expenditures to \$400 million annually over the next five years.

To achieve this, the University is investing in infrastructure and new positions for faculty.

Vision for Research Preeminence



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.

Vision for Research Preeminence



Establishing Research Priorities

The University's research priorities will reflect national priorities with specific emphasis in the areas of **health, energy, materials/advanced manufacturing, social and behavioral sciences, arts and humanities, environment and sustainability, education and civic engagement, and the human experience.**

The strategic direction will be refined during the fall 2024 semester, ensuring that we foster both basic research and team science, and address the human experience across all areas, from the responsible use of new technologies to creativity and the development and care of mind, body and spirit.

DOR is committed to ensuring that these changes reflect the University's dedication to innovation and impact.

Vision for Research Preeminence



Research Security

As the landscape of research compliance becomes increasingly complex, our commitment to safeguarding the integrity of our research is paramount.

We aim to ensure that our faculty are well-equipped to navigate these changes and to promote a culture of awareness and responsibility across the university.

uh.edu/research/research-security

The screenshot displays the University of Houston Division of Research website. The header includes the University of Houston logo, navigation links (About, Funding Opportunities, Sponsored Projects, Compliance, Research Security, Resources, News & Events, Contact Us), and utility links (Login to AccessUH, Give to UH, Search). The main content area features a large image of a person wearing glasses, with a red banner overlay reading "RESEARCH SECURITY". Below this, a section titled "PROTECTING OUR PROGRESS" explains the university's requirements for research security programs under NSPM-33 and Texas SB 1565, and lists the administering offices: Office of Contracts and Grants and Research Integrity and Oversight. A "UNIVERSITY RESOURCES" section follows, containing ten red buttons with white text and icons, each linking to a specific resource: Research Security Training, Export Controls, International Research and Travel, Conflict of Interest, Data Protection and Management, UH Policies and Regulations, NSPM-33, Malign Foreign Talent Recruitment Program, and UH Libraries: ORCID Guide.

We are here
to help

Mission

To effectively and professionally serve the research community at UH and to lead the university in creating, managing and propagating institutional research priorities



DOR Offices



Research 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.



Research Operations



Contract & Grants

- Research Administrative Services
- Research Financial Services
- Research Systems & Reporting



Research Integrity

- Human Subjects Research
- Animal Research
- Conflict of Interest



Animal Care

- State-of-the-art animal care facility

Research Operations



University Level Centers & Institutes

- 8 DOR-supported research centers



Core Facilities

- \$22 million for phased expansion
- Growing resources to support research thrust areas

Foundational Offices



Business Operations

- Human Resources
- Budgeting/Accounting
- Research Core Facilities



Communications

- External Visibility
- Internal Engagement
- DOR News and Events



Other Faculty Support Offices



The Division of Energy and Innovation

Oversees intellectual property, patents, and licensing. Supports innovation through startups, venture funds, and the UH Technology Bridge.



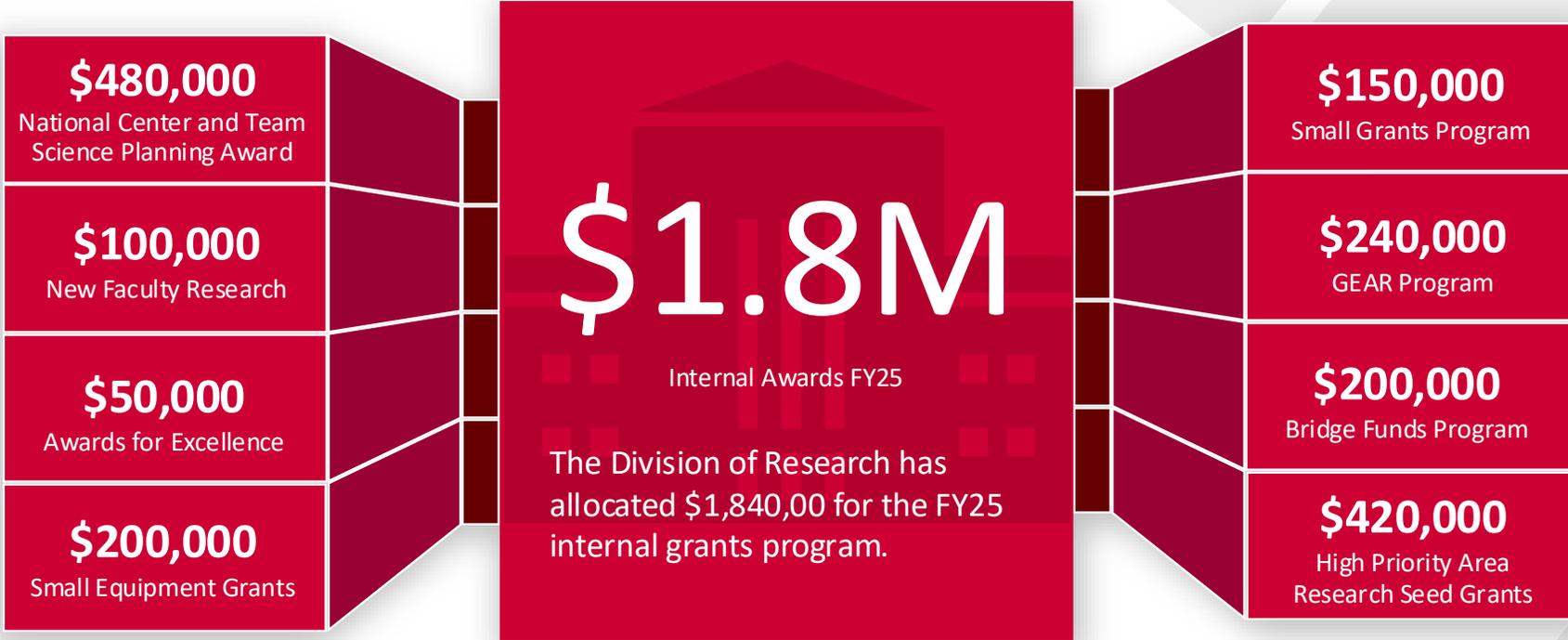
Faculty Engagement and Development

Provides resources for teaching, successful faculty professional development, research productivity, and service to the University and broader communities.

Faculty Resources



Internal Awards



DOR Resources



UH Research
Forum



Inside Research
Newsletter



UH Research
SharePoint Site

DOR Resources



UH Research Forum

October

3

UH Research Forum

Thursday, October 3

Noon

Virtual Event

Join us next Thursday for the October **UH Research Forum**. Presentations will include: Internal Awards, Startup Terms and Conditions, New PeopleSoft Grants Functions, and Updates from the Office of Contracts and Grants.

To register for this event and to view the full event schedule visit uh.edu/research/calendar

DOR Resources



Inside Research
Newsletter

Every Wednesday, DOR sends *news*, *events*, *funding opportunities* and other *announcements* to the UH research community.

Inside Research

News, Events and Resources for the UH Research Community

Latest News

Upcoming Events

Featured Event

Featured Funding Ops

Announcements

- The **FY2024 Proposal Budget Template** has been updated to reflect the [latest IDC rate plan](#) and fringe rates, and it is now available for use. [Download the new template](#) (.XSLX).
- The **HEALTH Center for Addictions Research and Cancer Prevention Pilot Grant Program** [invites applications](#) that seek to break new ground in addressing health disparities in addictions and cancer prevention. This short-term (1-year) funding opportunity supports 3 to 5 innovative pilot grants (\$30,000 to \$50,000), with funding anticipated to start in February 2024.

Letters of Intent are due by **September 1**.

[View past announcements on the Division of Research website.](#)

Campus News



[\\$1.7M Research Project to Examine How Public Schools Identify Learning Disabilities](#)

UH Research Associate Professor of Psychology Jeremy Miciak will lead a four-year study at schools in Texas and Florida. His team will examine how elementary schools identify specific learning disabilities in students so children with significant academic disabilities can succeed.



[UH Leads Program to Provide Research Opportunities to Postbaccalaureates](#)

DOR Resources



UH Research
SharePoint Site

The **UH Research SharePoint** site provides centralized access to all of DOR's event recordings and other timely information and announcements.

All UH users have access to this content through Microsoft Office 365.

uh.edu/research/resources/sharepoint

The screenshot displays the UH Research SharePoint site interface. At the top, there is a navigation bar with the UH Research logo and links for Events, Research Explained, and Announcements. A featured article titled "UH RESEARCH" highlights that "DOR recordings, slides and announcements are hosted on the UH Research Sharepoint." Below this, there are four navigation buttons: Research Topics, Event Recordings, Presentation Slides, and Announcements. The main content area shows an "Announcements" section with a "Drug Discovery and Development Fellowship for Postdocs" and a "Workshop: AI in Drug and Biological Product Development". On the right side, there is a "Upcoming Events" calendar listing several "Research Administration Forum" events from July to December. At the bottom right, there is an "Inside Research Newsletter" section with a list of dates from July 2024 back to June 2024.

Announcements



Research Administrator's Day

Wednesday, September 25

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.



Announcements

November

6

Café Conversation Series: VP Breakfast

Wednesday, November 6

9 a.m. — 10 a.m.

Faculty Café, Lower Level, E. Cullen Building

Join VPR Neuhauser for breakfast in the Faculty Café.



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.

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.

uh.edu/research