Federal Research Expenditures

FY22 Research and Innovation Annual Report

*Includes OSA.
Federal Research Expenditures
(NSF-Reported)

Federal R&D Expenditures by Agency

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Sponsored Research Expenditures

FY22 Research and Innovation Annual Report

FY13: $93
FY14: $100
FY15: $95
FY16: $102
FY17: $103
FY18: $107
FY19: $113
FY20: $111
FY21: $114
FY22: $107

Millions

Expenditure
Sponsored Research Expenditures
(Sources*)

- Foreign Government: $7,971,503
- Federal Government: $8,964,124
- Local Government: $6,789,517
- Private non Profit: $62,583
- Private for Profit: $107,116,128
- State Agency/Inst.: $399,476
- University: $362,707

Total: $107,116,128

*Based on DOR classification at award setup.
Total Funds Requested

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Units: Millions
Total Projected Award Amount

FY22 Research and Innovation Annual Report

Total Projected Award Amount

FY 13 | FY 14 | FY 15 | FY 16 | FY 17 | FY 18 | FY 19 | FY 20 | FY 21 | FY 22
--- | --- | --- | --- | --- | --- | --- | --- | --- | ---
$119 | $107 | $109 | $106 | $114 | $119 | $110 | $116 | $145 | $132

Millions

$0 | $20 | $40 | $60 | $80 | $100 | $120 | $140 | $160

Total Projected Award Amount
Proposal Success

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DOR Centers

Expenditures

- TIMES: $5,145,432
- HRI: $3,231,247
- TcSUH: $1,166,774
- AMI: $687,159
- HPE DSI: $330,651
- TORC: $13,638
- HuRRI: $7,253
DOR Centers

Proposals

Awards

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Proposals

FY22
Total Funds Requested

- FY 13: $259M (Under $250K)
- FY 14: $471M (Over $1M)
- FY 15: $413M (Under $250K)
- FY 16: $440M (Under $250K)
- FY 17: $398M (Under $250K)
- FY 18: $452M (Over $1M)
- FY 19: $452M (Over $1M)
- FY 20: $486M (Over $1M)
- FY 21: $633M (Over $1M)
- FY 22: $482M (Over $1M)
Proposals Submitted

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Awards

FY22
— New Awards Funded —
Number of Awards Received

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College Proposals, Awards, and Expenditures

FY22
College Proposals: PI /CO-PI Affiliation

- EGR: $193, $171
- NSM: $147, $158
- PHAR: $129, $119
- CLASS: $83, $88

- EDU: $37, $39
- TECH: $37, $35
- OPT: $28, $28
- HON: $59, $7
- SW: $58, $9
- COM: $57, $8
- BUS: $54, $10

- HRM: $971
- LAW: $760
- ARTS: $764
- ARCH: $265
- NURS: $153

- EDU: $0
- TECH: $200
- OPT: $400
- HON: $600
- SW: $800
- COM: $1,000
- BUS: $1,000
College Awards: PI /CO-PI Affiliation

- NSM: $47M (PI), $46M (PI and Co-PI)
- EGR: $38M (PI), $36M (PI and Co-PI)
- OPT: $13.1M (PI), $13.3M (PI and Co-PI)

- CLASS: $8M (PI), $9M (PI and Co-PI)
- EDU: $5.2M (PI), $5.4M (PI and Co-PI)
- BUS: $4.1M (PI), $4.2M (PI and Co-PI)
- TECH: $3.1M (PI), $3.3M (PI and Co-PI)
- PHAR: $3.2M (PI), $3.0M (PI and Co-PI)
- SW: $2M (PI), $1.6M (PI and Co-PI)

- LAW: $373K (PI), $201K (PI and Co-PI)
- ARCH: $339K (PI), $174K (PI and Co-PI)
- ARTS: $131K (PI), $70K (PI and Co-PI)
- NURS: $67K (PI), $67K (PI and Co-PI)
College Research Expenditures
College Research Expenditures

- ENG: $34,298
- NSM: $30,207
- CLASS: $12,153
- PHAR: $8,252
- EDU: $7,242
- OPT: $4.4, $201
- SW: $4.1, $241
- TECH: $3, $183
- COM: $0.87
- BUS: $0.37
- HOB: $0.24
- LAW: $0.20
- HRM: $0.17
- HON: $0.15
- ARCH: $0.14
- NURS: $0.12
- ARTS: $0.00

- Research Expenditure
- Expenditure Per Ranked Faculty
Academic Departments

FY22
Top 20 Department Research Expenditures
Active Projects and Expenditures

Top 5 Colleges Per Ranked Faculty
**Total Ranked Faculty with Projects**

1,079 Ranked Faculty

- **Professor**
  - 232 Active Project
  - 245 No Project

- **Associate**
  - 166 Active Project
  - 212 No Project

- **Assistant**
  - 101 Active Project
  - 123 No Project

---

### Expenditures

- **Professor**
  - $57

- **Associate**
  - $25

- **Assistant**
  - $14

---

**No Projects**

- 123

**One Project**

- 47

**Two Projects**

- 51

**Three+ Projects**

- 80

**Expenditures**

- 112

---

**Active Project**

- 123

**No Project**

- 47

---

**Total Ranked Faculty with Projects**

- 101

**Expenditures**

- 123

---

**Mathematics**

- 23

**Statistics**

- 47

**Computer Science**

- 51

**Engineering**

- 68

**Business**

- 80

---

**Total**

- 123

**Expenditures**

- 112

---

**Total**

- 101

---

**Total**

- 23

---

**Total**

- 245

---

**Total**

- 47

---

**Total**

- 212

---

**Total**

- 51

---

**Total**

- 123

---

**Total**

- 68

---

**Total**

- 80

---

**Total**

- 112
Active Projects and Expenditures

Engineering

Assistant
- No Projects: 8
- One Project: 5
- Two Projects: 6
- Three+ Projects: 16
- Expenditures: $4

Associate
- No Projects: 12
- One Project: 5
- Two Projects: 7
- Three+ Projects: 15
- Expenditures: $5

Professor
- No Projects: 12
- One Project: 14
- Two Projects: 5
- Three+ Projects: 41
- Expenditures: $23

Millions
Active Projects and Expenditures

NSM

Assistant
- No Projects: 6
- One Project: 9
- Two Projects: 6
- Three+ Projects: 5

Associate
- No Projects: 17
- One Project: 15
- Two Projects: 8
- Three+ Projects: 19

Professor
- No Projects: 35
- One Project: 35
- Two Projects: 16
- Three+ Projects: 30

Expenditures
- $3
- $8
- $15

Bar chart shows the number of active projects and expenditures for Assistant, Associate, and Professor levels in the NSM division.
Active Projects and Expenditures

CLASS

- Assistant: 43 projects
  - No Projects: 10
  - One Project: 2
  - Two Projects: 2
  - Three+ Projects: None
  - Expenditures: $2

- Associate: 85 projects
  - No Projects: 16
  - One Project: 9
  - Two Projects: 9
  - Three+ Projects: None
  - Expenditures: $2

- Professor: 75 projects
  - No Projects: 10
  - One Project: 5
  - Two Projects: 12
  - Three+ Projects: None
  - Expenditures: $7

The graph illustrates the number of active projects and expenditures by class (Assistant, Associate, Professor) for FY22 Research and Innovation Annual Report.
Active Projects and Expenditures

Pharmacy

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<thead>
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Active Projects and Expenditures

Education

- Assistant
  - No Projects: 5
  - One Project: 4
  - Two Projects: 2
  - Three+ Projects: 2
  - Expenditures: $2

- Associate
  - No Projects: 7
  - One Project: 7
  - Two Projects: 6
  - Three+ Projects: 6
  - Expenditures: $2

- Professor
  - No Projects: 4
  - One Project: 4
  - Two Projects: 3
  - Three+ Projects: 1
  - Expenditures: $4

Millions

$0 $1 $2 $3 $4 $5

Expenditures
Faculty Engagement

Events
Beyond its core responsibility of managing faculty awards, the Division of Research provides educational resources to the UH research community in service of its mission to serve and to lead.

Most Popular Event
Data Management Workshop
The average audience for the three Data Management Workshops held during FY22 was 88% higher than for DOR’s other major events.

UH Research Forum
A dynamic monthly platform to connect, address research queries, share advancements, and tackle challenges in a supportive and collaborative environment.

Feedback
Thank you so much, for all of this valuable and important information...
I liked the format of 5 short, relevant presentations. Thanks for doing this!
This is a great forum to learn of opportunities.

*Based on registrations
Faculty Engagement

E-Comms
Email is DOR’s main communication channel, averaging at least one e-comm distributed every business day of the year. DOR sends weekly news, announcements, and funding opportunities via Inside Research and supports email newsletters and announcements for its centers and institutes.

282 Emails Sent (FY22)

1,503 Average Audience

43% Avg Open Rate

![E-comms by Sender](chart)

**E-comms by Type**

*Average of Education sector open rates reported by Mailchimp, Campaign Monitor.**

*Internal e-comms not shown.
Innovation

FY22
Licensing Income

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TO SERVE

the research community, grad students, keeping us compliant, satisfying client requirements, protecting our intellectual and financial interests

TO LEAD

managing the conversations, institutional research priorities, leading the implementation, supporting the broader view of individual and small-group research