

UNIVERSITY FACULTY SENATE MEETING

FEBRUARY 20, 2013



AGENDA

- Call to Order – Speaker Steve Beer (3 min)
- Announcements – Dean of Faculty Joe Burns (6 min)
- Approval of December 12, 2012 Minutes – Speaker Steve Beer (2 min)
- Report from Nominations & Elections – Associate Dean of Faculty Michael Fontaine (3 min)
- An Investigation about the Ho Plaza Demonstrations – President David Skorton (20 min)
- Senate Discussion of the Second Ho Plaza Resolution – Members (20 min)
 - Introduction: Joe Burns (2 min)
 - Members (18 min)
- The State of Sponsored Research – Senior Vice Provost for Research, Robert Buhrman (30 min)
- General Good and Welfare (6 min)

INTRODUCTIONS & ANNOUNCEMENTS

DEAN OF FACULTY

20 FEBRUARY 2013

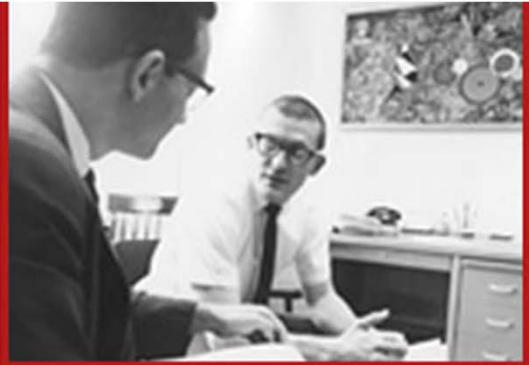
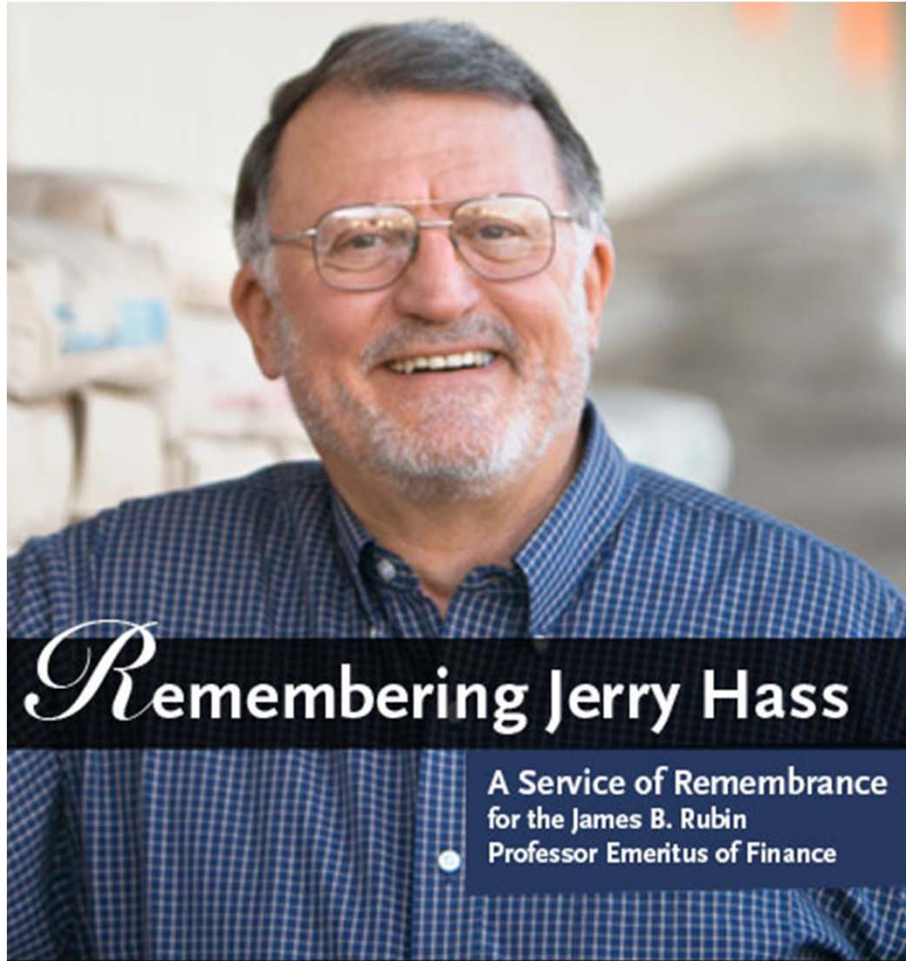
- **Tulips/Hyacinths from Hortus Forum**
- **Faculty Soup**
 - **11:30-1:30, Regent's Lounge, Statler Hotel**
- **Faculty Forum II**
 - **The Future of the Research Library**
- **Nominations Due @ DOF Office:**
 - Stephen H. Weiss Presidential Fellows, March 8**
 - Messenger and University Lecturers Fall 2013, April 1**
 - Elections: See N&E report**
- **Actions from December Meeting**
 - President's Ho Plaza Committee Report Distributed**
 - Senate Investigation Committee:**
 - Rick Allmendinger, Bill Fry, Margaret Washington**

INTRODUCTIONS & ANNOUNCEMENTS
DEAN OF FACULTY
20 FEBRUARY 2013

Recent Deaths of Notable Faculty

Jerry Hass

Bob Richardson



Friday, March 1, 2013 | 3:00 p.m. - 4:00 p.m. | Sage Chapel
Followed immediately by a reception in the Dyson Atrium, Sage Hall



JOHNSON
Cornell University

**APPROVAL OF MINUTES FROM
12 DECEMBER 2012**

NOMINATIONS & ELECTIONS REPORT

MICHAEL FONTAINE

20 FEBRUARY 2013

UNIVERSITY ASSEMBLIES (UA)

UNIVERSITY ASSEMBLY

- Ellis Lowe, College of Veterinary Medicine
- Ronald Booker, College of Arts & Sciences

CAMPUS WELFARE COMMITTEE

- Marianella Casasola, College of Human Ecology

CAMPUS PLANNING COMMITTEE

- Abraham Stroock, College of Engineering

UNIVERSITY HEARING BOARD

- Ross Brann, College of Arts & Sciences

**UNIVERSITY FACULTY ELECTION
SPRING 2013
MICHAEL FONTAINE
20 FEBRUARY 2013**

NOMINATIONS & ELECTIONS COMMITTEE

1 Seat Open

UNIVERSITY FACULTY COMMITTEE (UFC)

5 Seats open

- **2 Senators seats**
- **3 Non-Senator Seats**

Please send nominations by 2/28/13 to:

deanoffaculty@cornell.edu

Further information on these vacancies can be obtained from the Dean of Faculty Office.

AN INVESTIGATION - HO PLAZA DEMONSTRATIONS
PRESIDENT DAVID SKORTON
20 FEBRUARY 2013

SENATE DISCUSSION OF THE SECOND HO PLAZA RESOLUTION 20 FEBRUARY 2013

WHEREAS, members of the Cornell community have the right to free expression, academic freedom, and freedom of peaceable assembly, as recognized by the Cornell Campus Code of Conduct;

WHEREAS, the Campus Code of Conduct, Article III.B.1, states: “All protection and regulation of expressive conduct should be content-neutral. A group’s persuasion or point of view should have no bearing on the grant of permission or the conditions regulating that group’s expressive conduct.”

WHEREAS, the Campus Code of Conduct, Article III.B.3, states: “Because outdoor picketing, marches, rallies, and other demonstrations generally pose no threat of long-lasting exclusive use of University grounds or property, there appears to be no need for a mandatory permit procedure for such outdoor activities”;

WHEREAS, any administratively imposed requirements of a mandatory permit procedure (such as a Use of University Property Form/UUP) for outdoor picketing, marches, rallies, and other demonstrations, including rallies in Ho Plaza, are in conflict with the Campus Code of Conduct, Article III.B.3;

WHEREAS, on November 19, 2012, the Cornell police attempted to stop or restrain the rally by the Students for Justice in Palestine (SJP) on Ho Plaza, while allowing the Cornell Israel Public Affairs Committee (CIPAC) to carry out its rally on Ho Plaza;

WHEREAS, the Cornell police, in attempting to stop or restrain the SJP rally, reportedly engaged in intimidating and physically aggressive conduct, including: pushing one faculty member and interrogating at least two others and threatening them with judicial action for failing to show identification; and intimidating at least two students, including throwing one to the ground and threatening to arrest a student;

**SENATE DISCUSSION OF THE SECOND
HO PLAZA RESOLUTION
20 FEBRUARY 2013**

THEREFORE BE IT RESOLVED that the Faculty Senate charges the Dean of the Faculty and the University Faculty Committee to form an *ad hoc* committee to investigate any interference with freedom of expression, academic freedom, and freedom of peaceable assembly during the events of November 19, 2012 on Ho Plaza, including, but not limited to: obtaining statements from relevant administrators, the Cornell Police Chief, Cornell police officers present at Ho Plaza, the heads of the SJP and CIPAC, aggrieved students and faculty, and other witnesses to the events; and obtaining other evidence such as photographs or video recordings of the events;

BE IT FURTHER RESOLVED that the *ad hoc* investigating committee shall report back to the Faculty Senate with a written account including the committee's findings concerning any interference with freedom of expression, academic freedom, and freedom of peaceable assembly on November 19, 2012; and the committee's recommendations to ensure that freedom of expression, academic freedom, and freedom of peaceable assembly be upheld at Cornell, including, but not limited to: rescinding administrative policies that are inconsistent with the campus code's presumption that permits are not required for outdoor events involving freedom of expression, academic freedom, and freedom of peaceable assembly; disciplining any police engaged in misconduct during the events of November 19, 2012 on Ho Plaza; and educating and training Cornell police concerning their obligations to respect and protect freedom of expression, academic freedom, and freedom of peaceable assembly on campus.



Research Report

Bob Buhrman

Senior Vice Provost for Research

Vice President for Technology Transfer and Research Policy

Report to Faculty Senate

February 20, 2013



Cornell Research and Scholarship

Two components – as seen by federal agencies

- “Departmental Research” – not separately budgeted or reported
- “Organized Research” – separately budgeted research activities
 - Includes:
 - Externally sponsored research
 - Research supported by state and federal appropriations
 - Research supported by separately budgeted Cornell funds

Research Division’s primary concern:

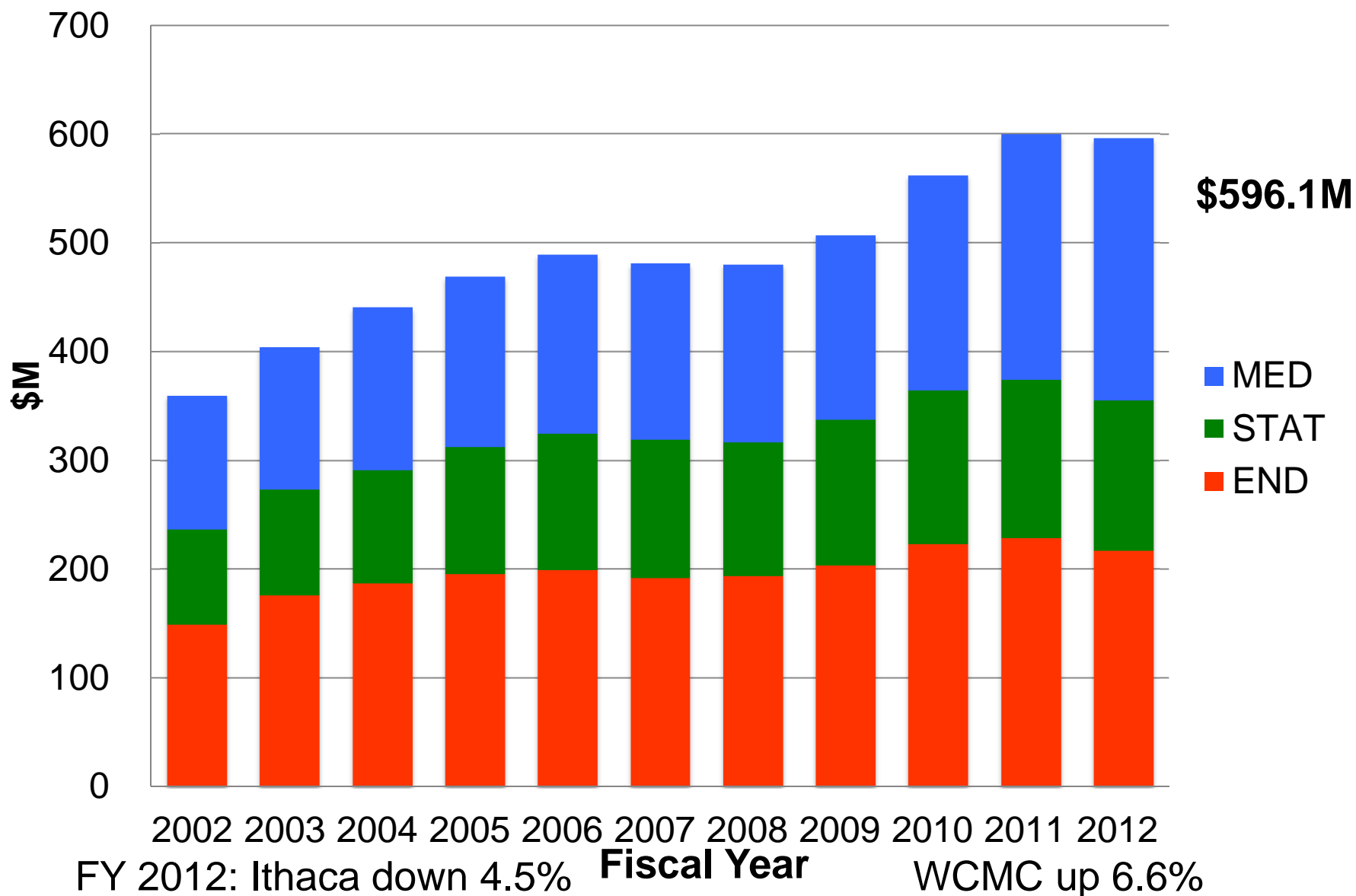
Supporting and overseeing Cornell’s organized research on Ithaca, Geneva and NYC Tech campuses



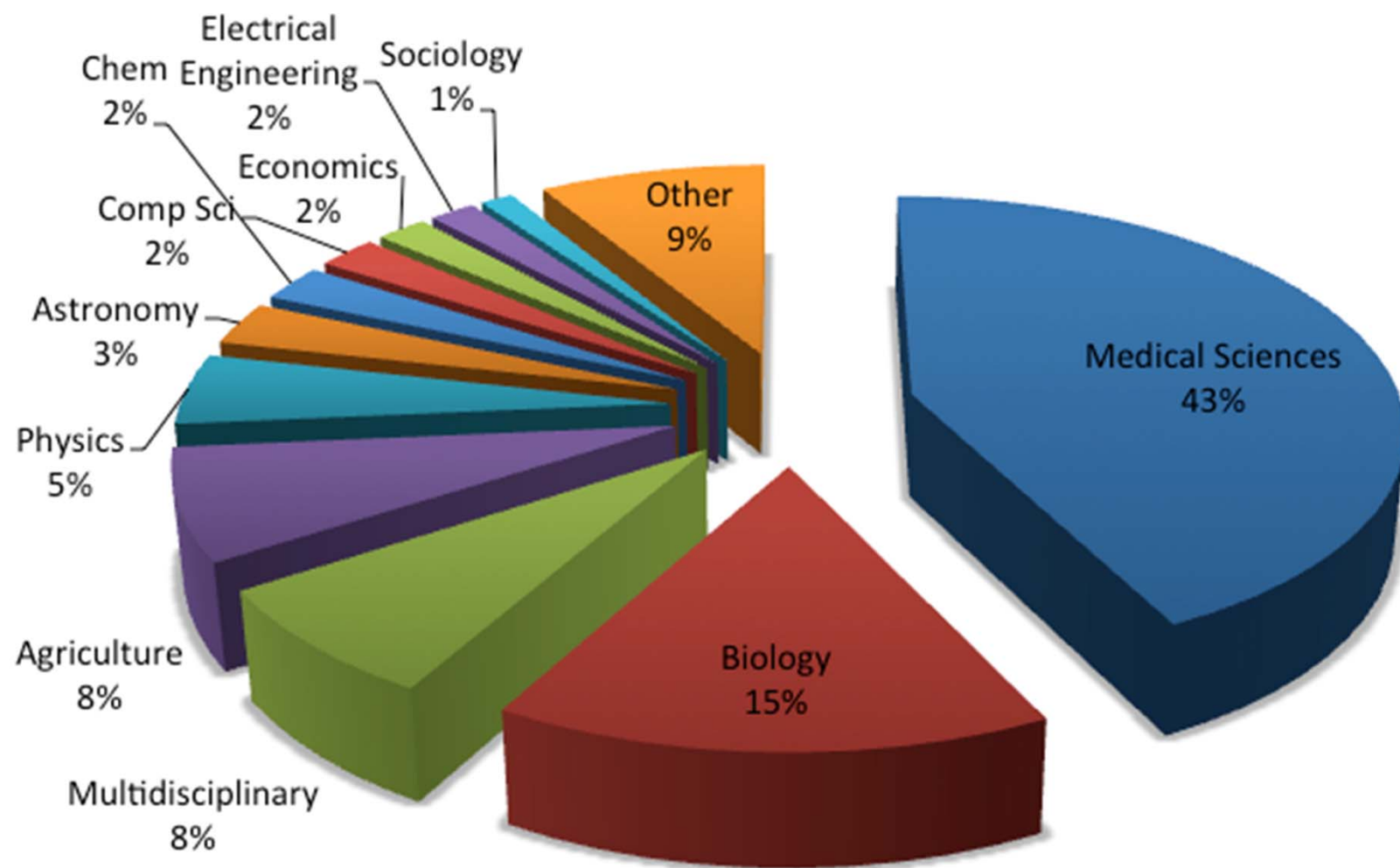
Scope of Cornell's Organized Research

- \$509M research expenditures (Ithaca campus) – FY2012
 - Sponsored, state and federal appropriations, internal support (mainly contract colleges)
 - 26% of Ithaca campus budget
- ~1,900 graduate students (GRAs only)
~3,900 total personnel supported with sponsored funds
- ~1,100 principal investigators with active awards
- >225 department and college research administrators

Sponsored Research Expenditures

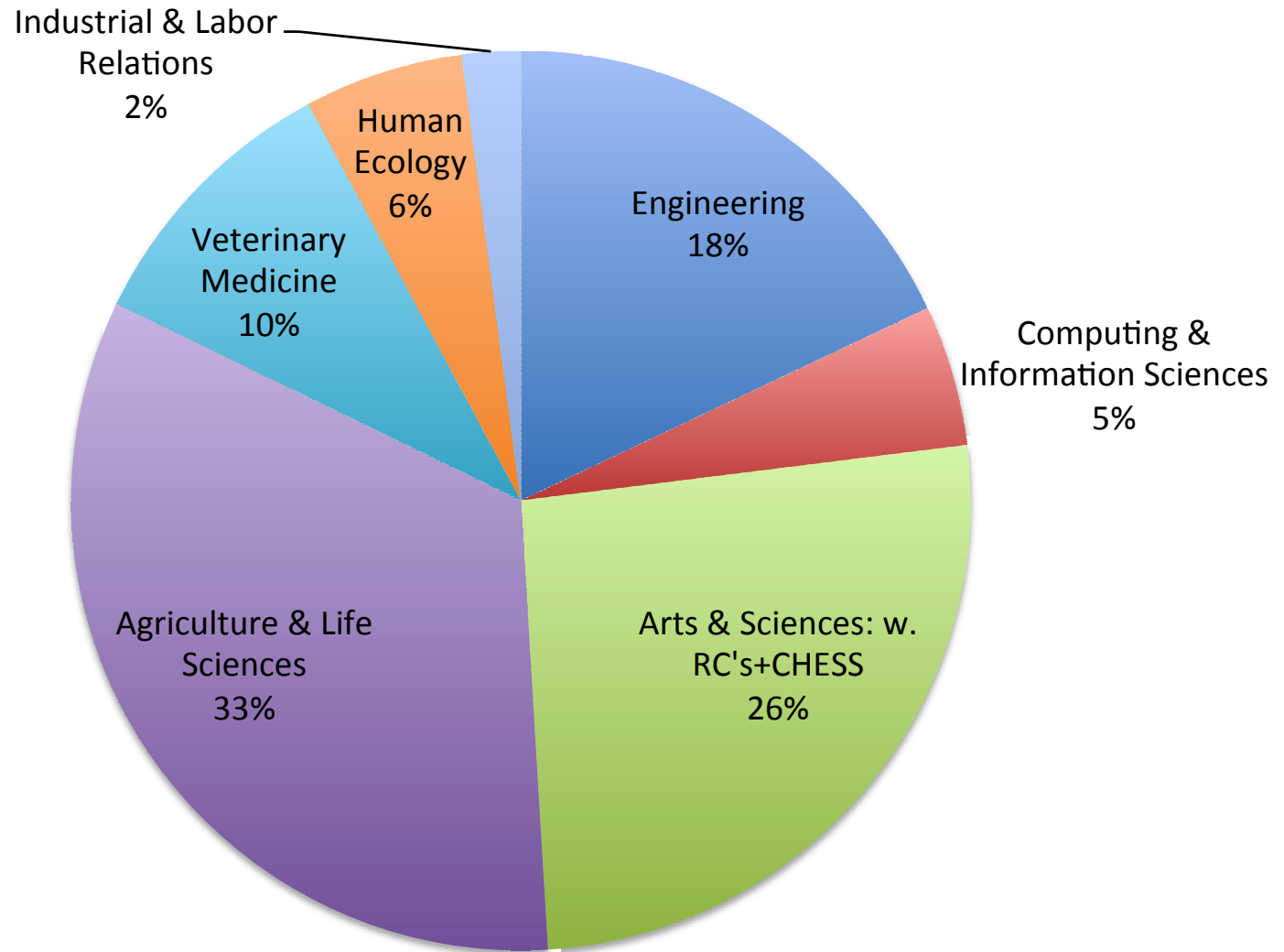


0.5% decrease from FY2011

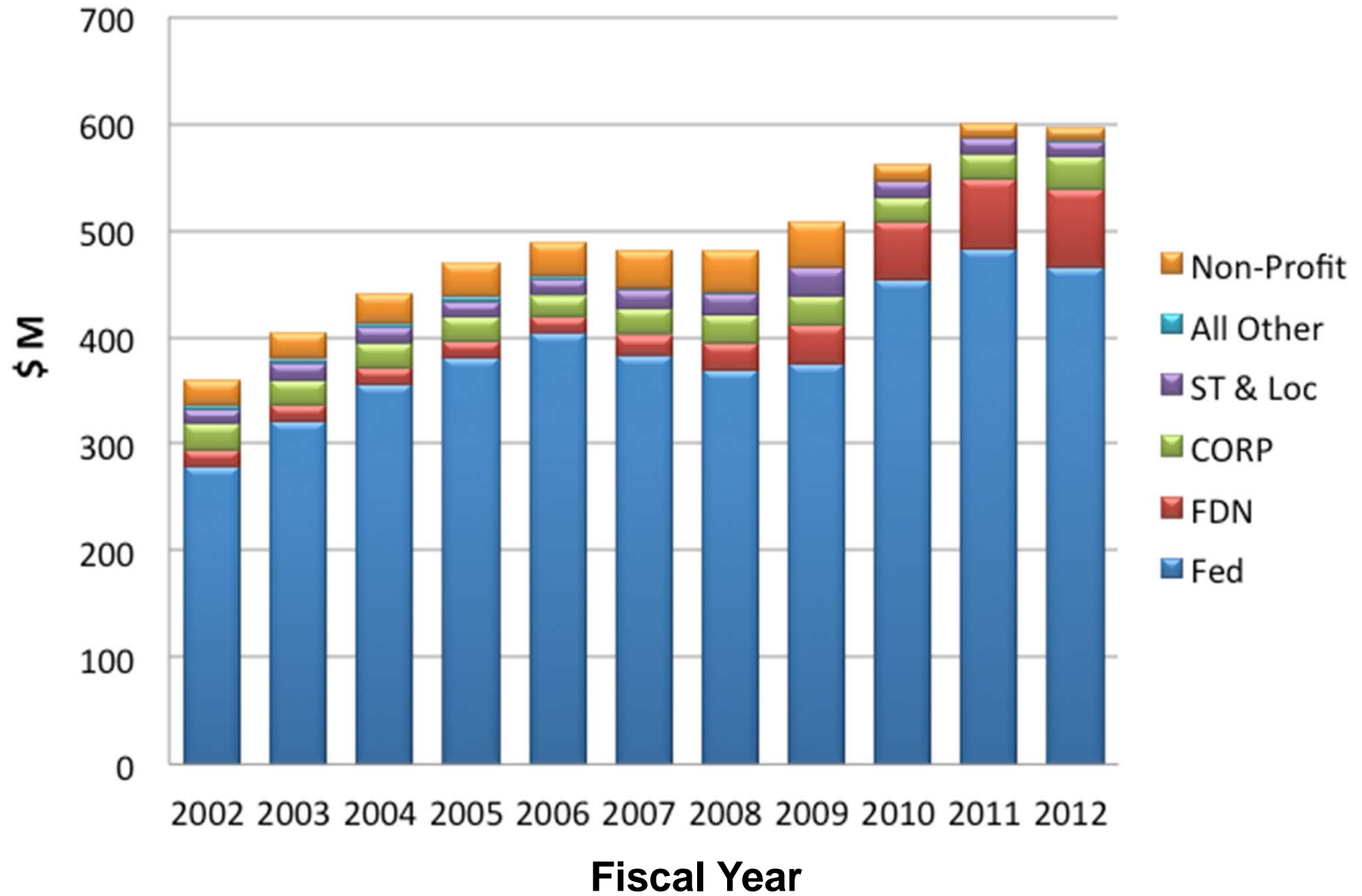


Research Expenditures by Major Discipline

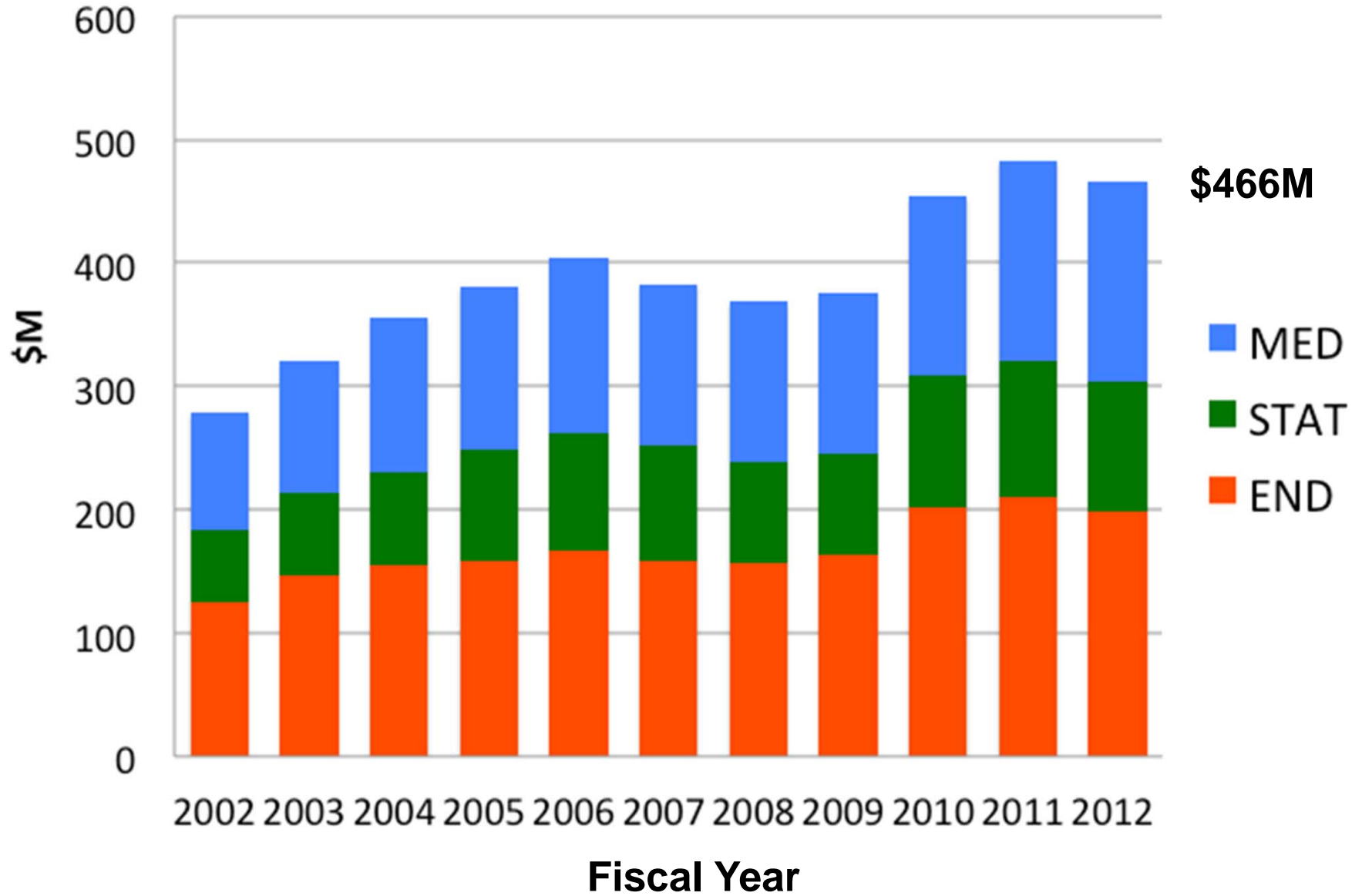
Sponsored Research (Direct) by Unit



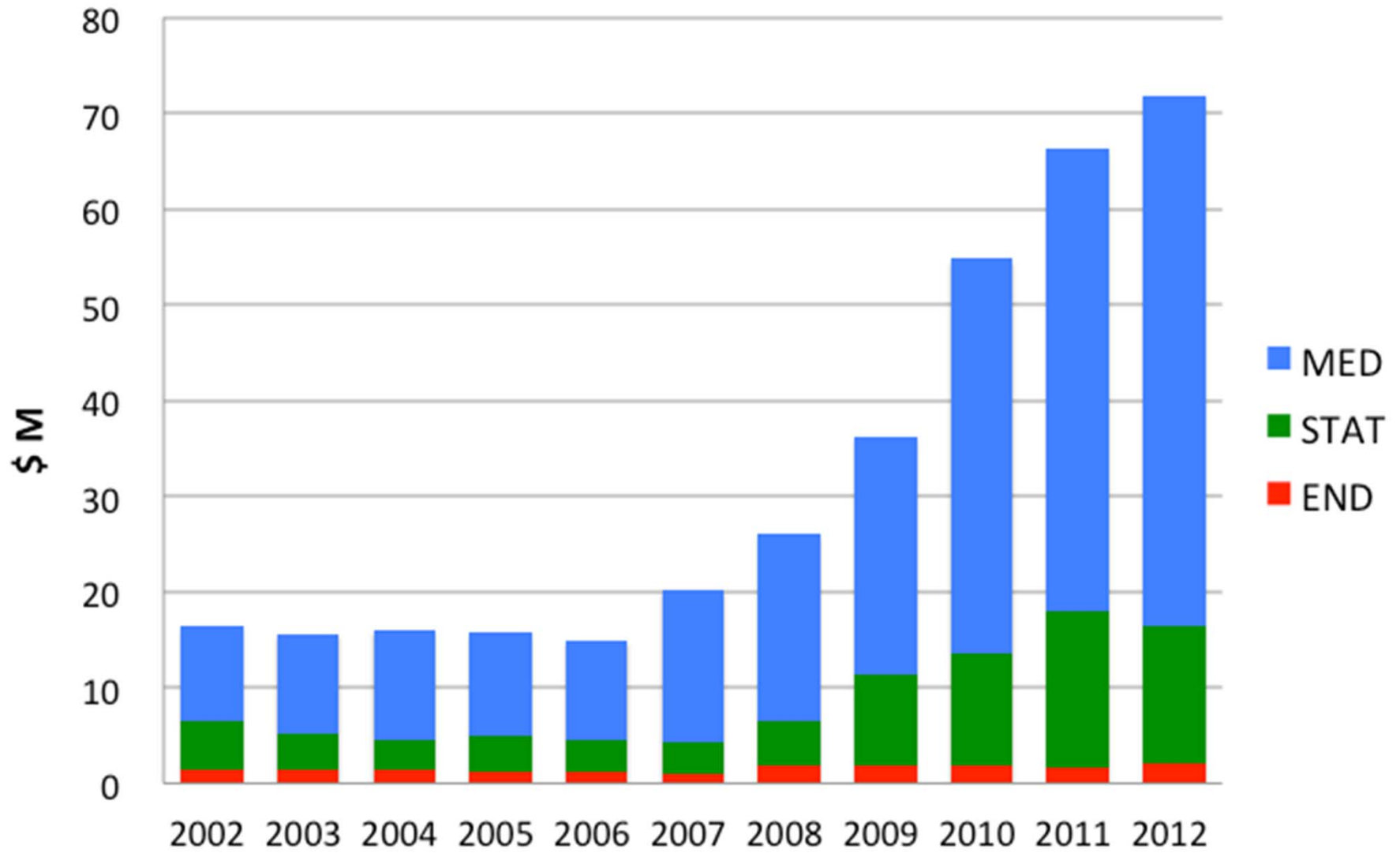
Sponsored Research By Funding Source



Federally Funded Research Expenditures

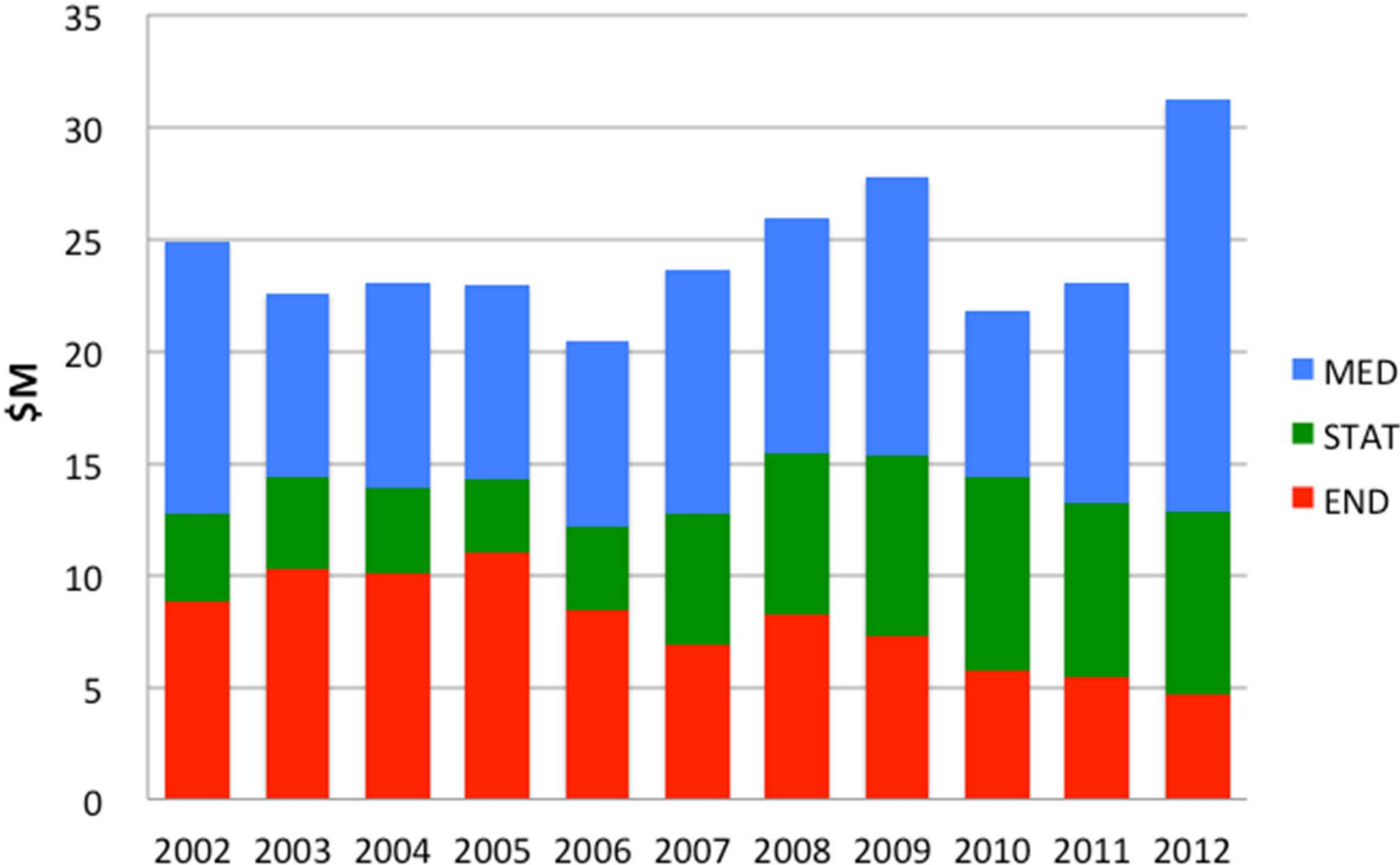


Foundation Funded Research Expenditures



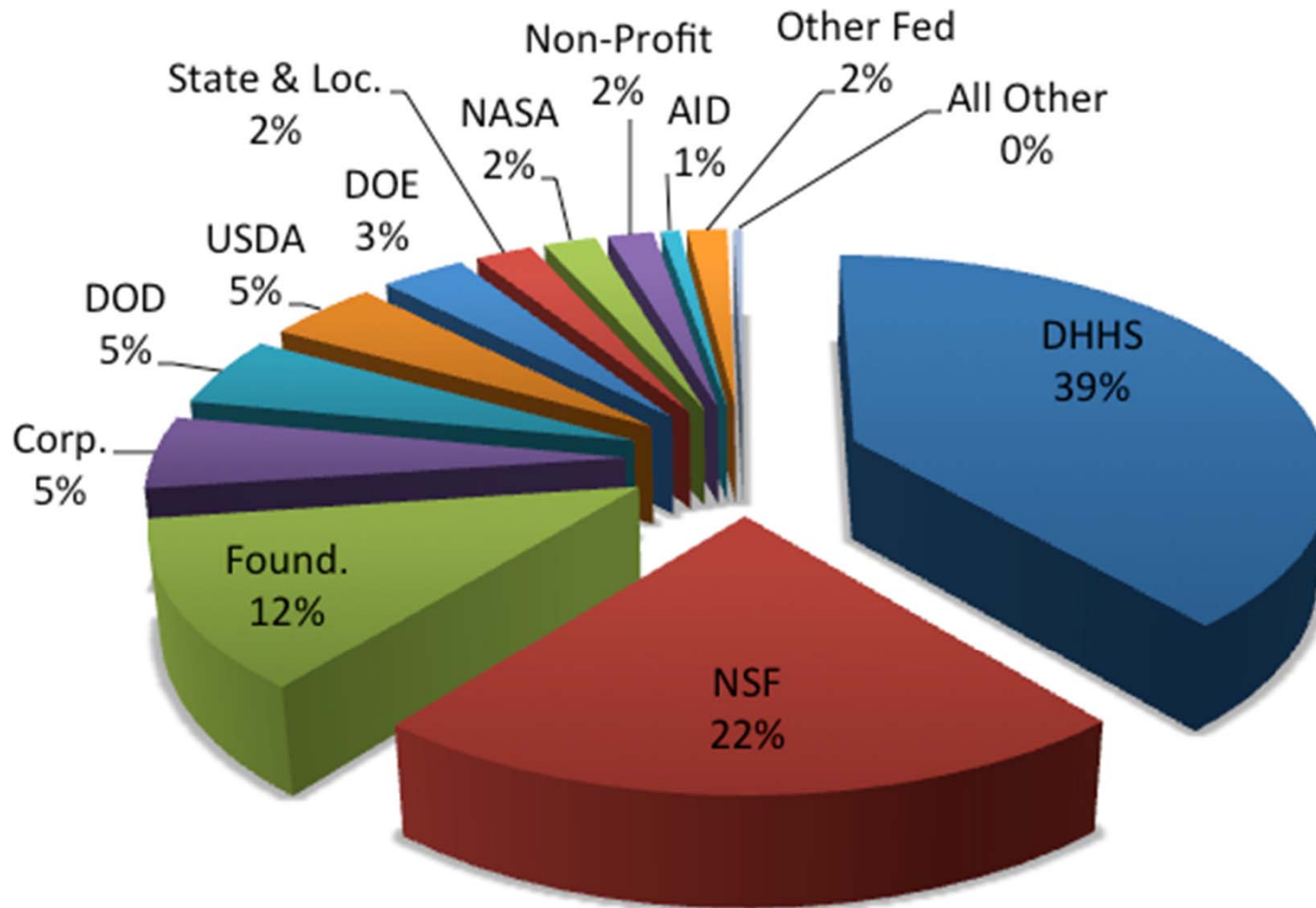
Fiscal Year

Corporate Funded Research Expenditures



Much of drop in '10 due to re-categorization of flow-thru of federal funds

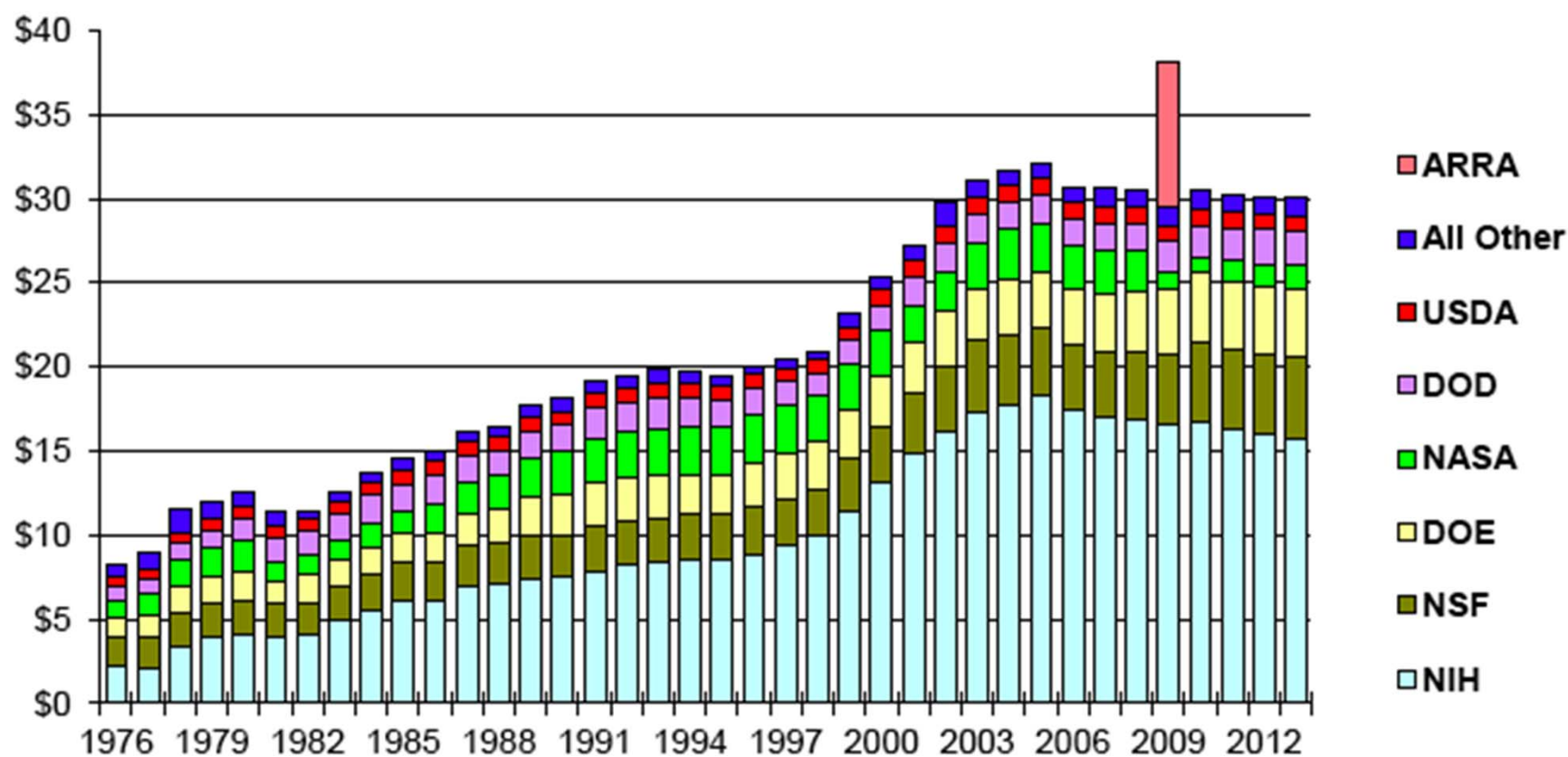
Sponsored Research Funding by Source



Cornell #3 University in NSF Research funding – FY12

Trends in Basic Research by Agency, FY 1976-2013

in billions of constant FY 2012 dollars

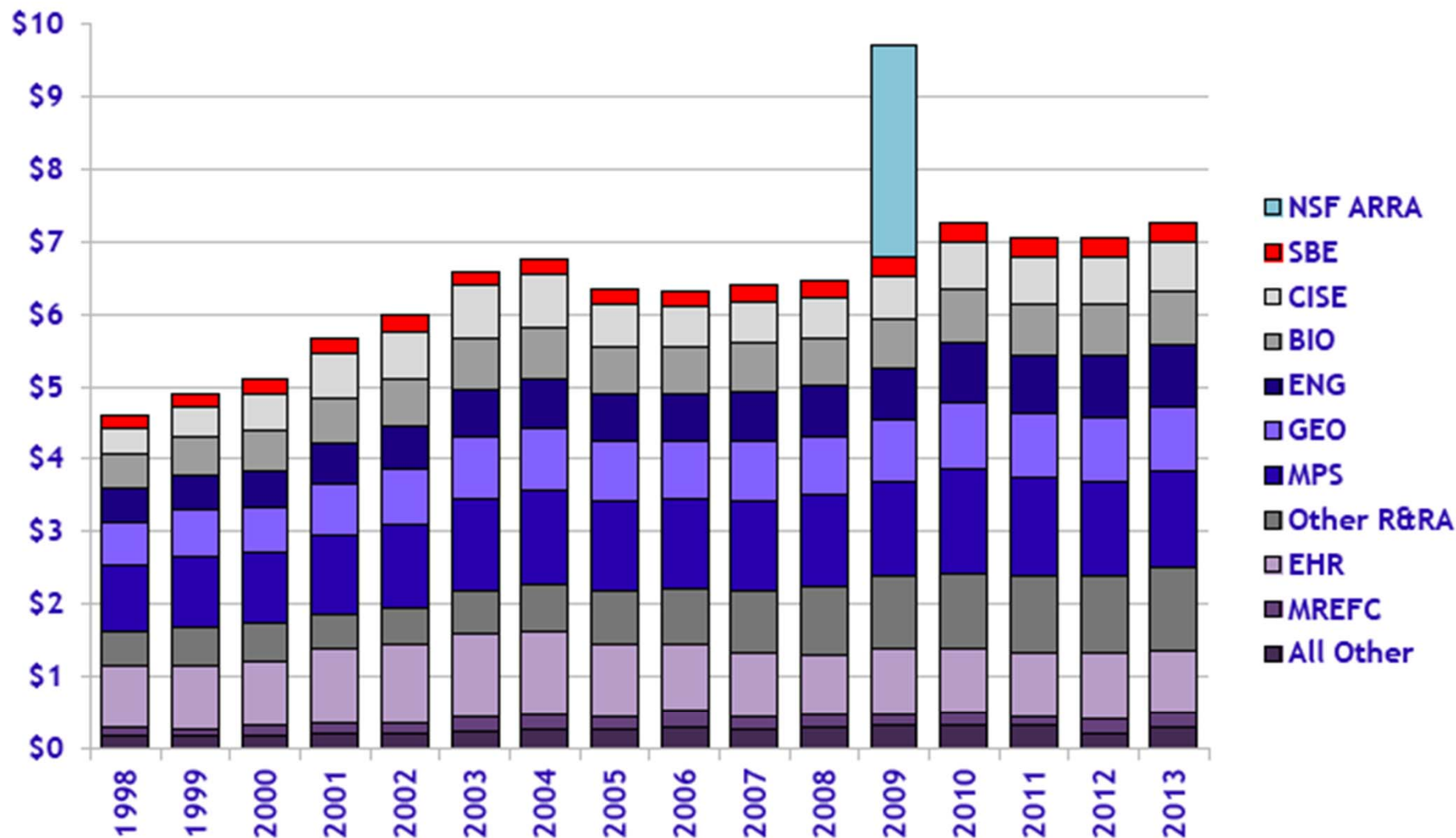


Source: AAAS Report: Research & Development series. FY 2012 and FY 2013 figures are latest estimates. Basic research only. © 2012 AAAS



National Science Foundation Budget

Budget Authority in billions of constant FY 2012 dollars



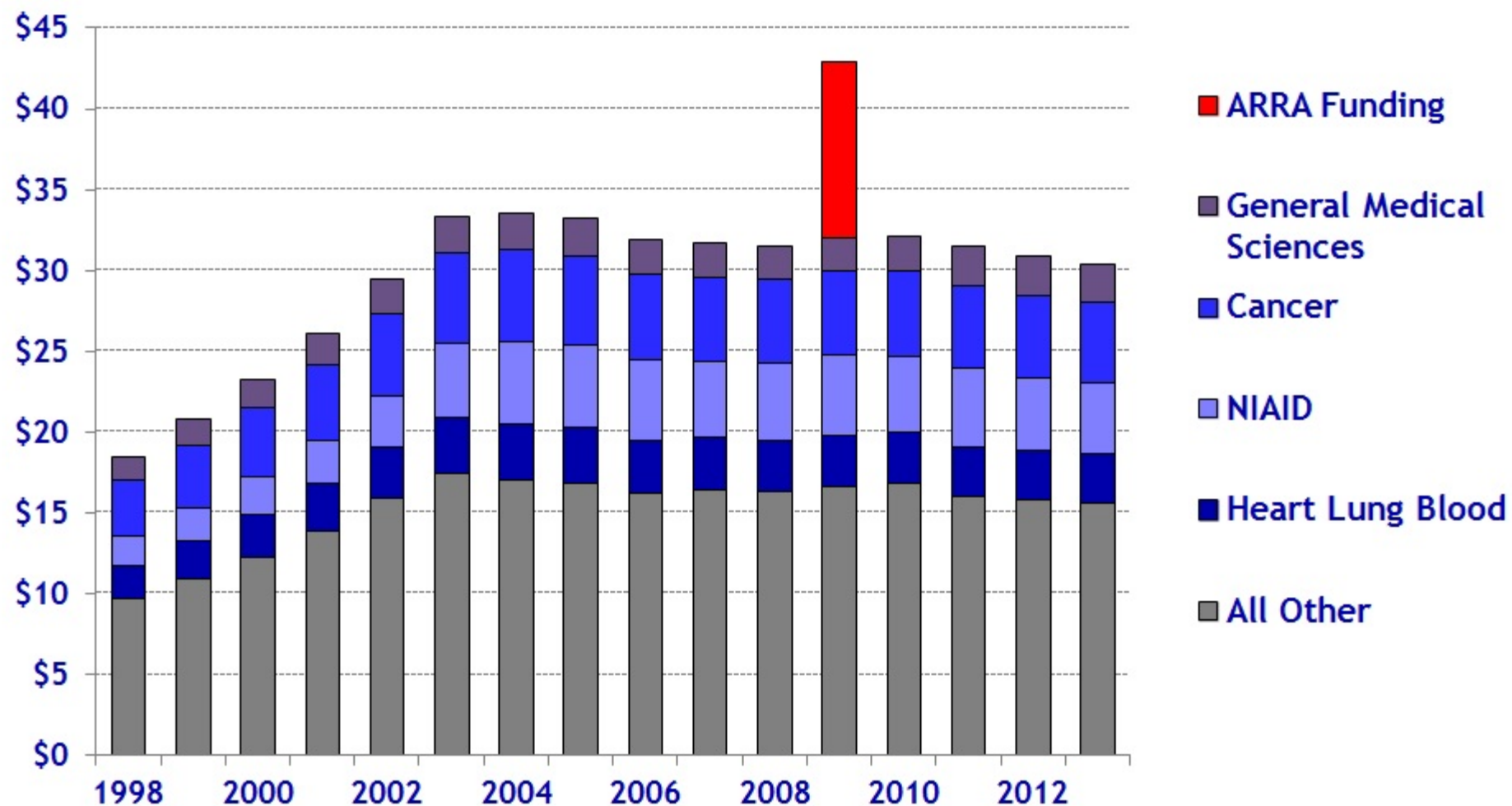
Source: National Science Foundation budget requests. FY 2012 figures are latest AAAS estimates and FY 2013 figures are President's request.

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National Institutes of Health Budget, 1998-2013

budget authority in billions of constant FY 2012 dollars



Source: AAAS Report: Research and Development series and agency budget documents. FY 2012 and FY 2013 figures are latest estimates.

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Research Division Components

1. Research Administration Units

Office of Sponsored Programs (OSP)

~1,900 new proposals annually

~3,700 active awards; 608 active sub-awards

Office of Research Integrity and Assurance (ORIA)

Faculty compliance committees

IACUC - 500+ animal use protocols

IRB - 1,400+ human subject research protocols

Institutional Biosafety Committee – 240 active protocols

fCOI Committee

Cornell Center for Technology Enterprise and Commercialization

390 invention disclosures, 158 patents,

7 startup companies, 184 new licenses

\$12.6M CCTEC gross revenue



Research Division Components

2. Research Support Facilities

Center for Animal Resources and Education (CARE)

930 unique CU users (2012)

Biotech Institute/Life Sciences Core Facilities

1059 unique CU users

Center for Materials Research (shared facilities) (CCMR)

822 unique CU users

Center for Advanced Computing (CAC)

645 unique CU users

Nanobiotechnology Center (NBTC)

318 unique users

Cornell Nanoscale Facility (CNF)

434 unique CU users

Cornell High Energy Synchrotron Source (CHESS),

217 unique CU users

Cornell Institute for Social and Economics Research

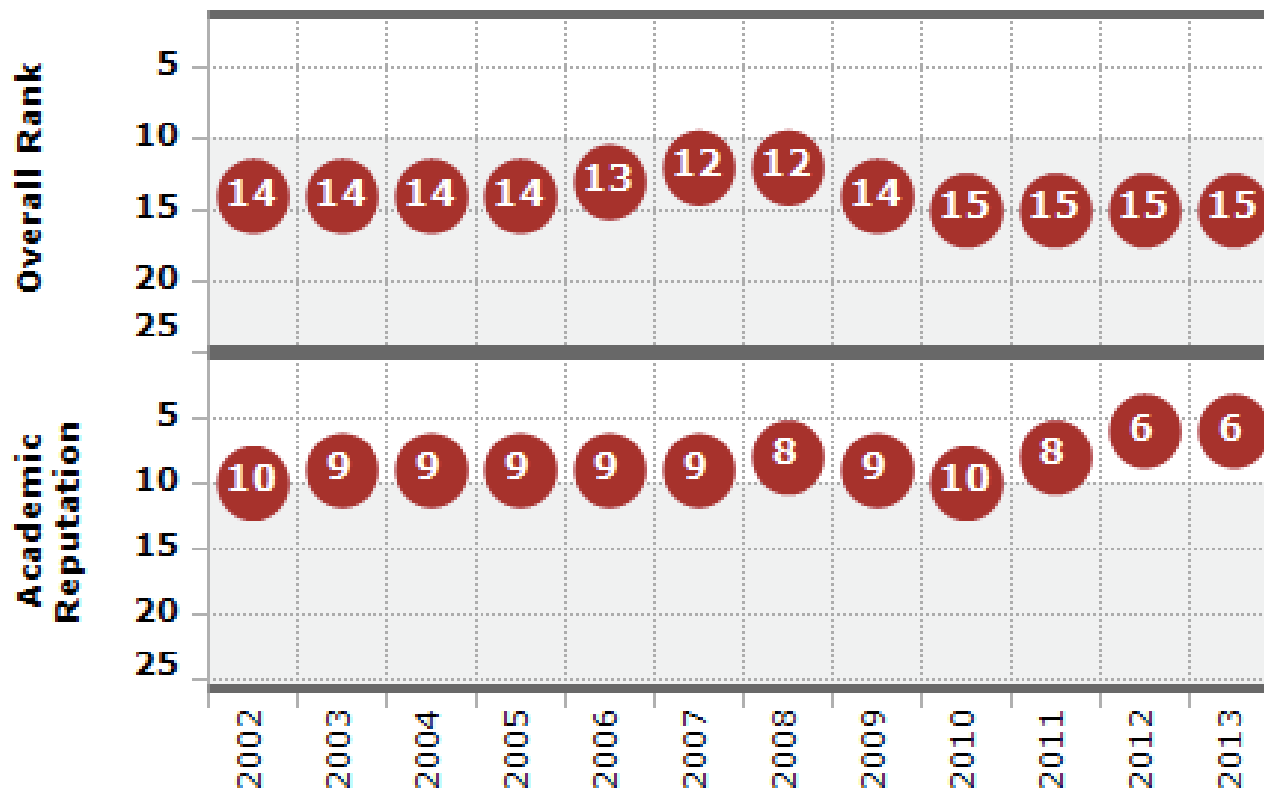
Survey Research Institute



Cornell Research and Scholarship *Excellence and Productivity*

Academic Reputation – ranked 6th by US News

**US News Undergraduate Programs:
Overall & Academic Reputation Ranks**





Cornell Research: Excellence and Productivity

More graduate programs ranked in the top 10 by Academic Analytics' "Faculty Scholarly Productivity Index" metric than any other university.

Third in number of graduate programs ranked in top 5

Why?

Excellence within the disciplines

More than the sum of the parts

Graduate field system

Efficiency and effectiveness of shared resources

Interactions and collaborations across the disciplines



Research Division Components

3. Interdisciplinary Research Centers and Institutes

Includes:

Center for Accelerator Based Sciences and Education
(CLASSE)

Cornell Center for Materials Research (CCMR)

Center on the Microenvironment and Metastasis (CMM)

Energy Materials Center at Cornell (EMC2)

Center for Radiophysics and Space Research

KAUST-Cornell Center for Energy and Sustainability

Weill Institute for Cell and Molecular Biology

Atkinson Center for a Sustainable Future

Kavli Institute at Cornell for Nanoscience

Center for Vertebrate Genomics

Cornell Center for Comparative and Population

Genomics



Cornell Humanities – More than the sum



Society for the Humanities: Est. 1966

“One of the world's leading incubators of interdisciplinary innovations in the humanities”

Mellon Foundation Awards – Three \$1M+ awards recently, one a matching challenge for an endowment



Cornell Nanoscience – More than the sum Kavli Institute at Cornell for Nanoscale Science



Shared nano-instrumentation facility – *in PSB*
Shared postdocs, multiple PI - team projects



**23 Science and Nature
Journals papers in 2.5 years**



**16 Faculty Members
5 KIC PDs
1 Visiting Faculty Fellow**





Cornell Research: Looking Forward

- External-based (federal) prospects: Challenging, at least for short term
 - Increasing regulatory burden on researchers and institutions
 - Available federal funding
 - flat (in current dollars) at best
 - 6% or more reduction possible this year due to sequestration
- Internal prospects positive – strong and growing foundation for success
 - Faculty renewal – making good progress
 - Cornell's research enterprise is well oriented for today's challenges
 - Culture of success in multi-disciplinary collaborations
 - Arising from strength in the disciplines
 - Shared/core facilities that are truly shared and that efficiently meet the needs of our researchers
 - Institutes and centers that truly promote interaction and creativity

GENERAL GOOD AND WELFARE

20 FEBRUARY 2013

