RESEARCH AND RELATED ACTIVITIES

RESEARCH AND RELATED ACTIVITIES $4,452,310,000

The FY 2005 Budget Request for the Research and Related Activities (R&RA) Appropriation is $4,452.31 million, an increase of $200.95 million, or 4.7 percent more than the FY 2004 Estimate of $4,251.36 million. Support from the R&RA Appropriation enables U.S. leadership and accelerated progress across the expanding frontiers of scientific and engineering research and education. In turn, these activities support areas of inquiry critical to long-term U.S. economic strength, security, and quality of life.

NSF investments in R&RA reflect the Foundation's four strategic outcomes:

- **People** - developing a diverse, competitive, and globally-engaged U.S. workforce of scientists, engineers, technologists and well-prepared citizens.
- **Ideas** - enabling discovery across the frontier of science and engineering, connected to learning, innovation and service to society.
- **Tools** - providing broadly accessible, state-of-the-art S&E facilities, tools and other infrastructure that enable discovery, learning and innovation.
- **Organizational Excellence** – enabling an agile, innovative organization that fulfills its mission through leadership in state-of-the-art business practices.

Research activities spur the knowledge, ideas, tools and approaches that increase understanding, solve problems, and stimulate opportunities for economic growth. The productive exchange of knowledge, information and technology can accelerate innovation, often yielding new insights into the underlying research. Researchers from different disciplines increasingly transcend traditional boundaries to solve complex problems. Students work with senior scientists performing research, fostering the natural integration of research and education, and obtaining the skills needed for the next generation's workforce of scientists and engineers.

Research and Related Activities Funding
(Dollars in Millions)

	FY 2003 Actual	FY 2004 Estimate	FY 2005 Request	Change over FY 2004 Amount	Change over FY 2004 Percent
Biological Sciences	570.49	586.89	599.93	13.04	2.2%
Computer & Information Science & Engineering	589.29	604.65	618.05	13.40	2.2%
Engineering	541.70	565.13	575.90	10.77	1.9%
Geosciences	691.84	713.10	728.50	15.40	2.2%
Mathematical & Physical Sciences	1,040.70	1,091.51	1,115.50	23.99	2.2%
Social, Behavioral & Economic Sciences	158.63	175.67	190.67	15.00	8.5%
Office of International Science & Engineering	39.97	28.12	34.04	5.92	21.1%
U.S. Polar Research Programs	255.41	274.08	281.66	7.58	2.8%
U.S. Antarctic Logistical Support Activities	68.55	68.07	68.07	0.00	0.0%
Integrative Activities	97.86	144.14	239.99	95.85	66.5%
Total, Research and Related Activities	$4,054.43	$4,251.36	$4,452.31	$200.95	4.7%

Totals may not add due to rounding.