

2007 FEDERAL R&D BUDGET FACTS

- In the President's 2007 Budget, total Federal R&D investment is a record \$137.2 billion, an increase of \$3.4 billion over this year's (2006) R&D funding level and a 50% increase compared to 2001's \$91.3 billion.
- The centerpiece of the President's 2007 R&D Budget is the American Competitiveness Initiative, which seeks to double investment in key Federal science agencies (NSF, DoE Office of Science, NIST core) that support basic research in the physical sciences and engineering – a \$910 million (9.3 percent) increase in 2007 and \$50 billion more over ten years.
- Real five-year growth in the conduct of R&D budget has exceeded 40% for each of the last two years, the first time five-year inflation adjusted R&D outlays have topped 40% since 1967 and the Apollo era.
- Funding for basic research is \$28.2 billion in 2007, up from \$21.3 billion in 2001 - a 32% increase.
- While the President's 2007 Budget does not increase overall non-defense discretionary budget authority, a 1.9% increase in the non-defense R&D budget is requested.
- The 2007 Budget commits 14.2% of the 2007 non-defense discretionary budget authority to R&D, compared to 13.7% in 2001.
- NSF is increased 8 percent (+\$439 million) to a landmark \$6 billion in 2007 and by more than 36% since 2001.
- DoE's Office of Science is increased 14 percent (+\$505 million) to a landmark \$4.1 billion in 2007 and by more than 27% since 2001.

- National Institute of Standards and Technology (NIST) "core" intramural research and facilities are increased 24% (+\$104 million after earmarks are excluded) to a landmark \$535 million in 2007 and by more than 54% since 2001.
- The 2007 Budget includes \$5.9 billion for DoD basic and applied research, 8% (+\$440 million) more than requested in the FY 2006 Budget (request-to-request comparison backs out earmarks).
- With the President's 2007 Budget, during the six years of this Administration the cumulative investment in Networking and Information Technology R&D goes over the \$13 billion mark.
- Since 2001, nanotechnology R&D has increased 175% percent, to \$1.3 billion in 2007. The cumulative six-year nanotechnology investment is \$6.5 billion under this Administration.
- 2007 hydrogen energy research, embodied in the President's Hydrogen Fuel Initiative, is \$289 million - almost four times what it was in 2001.
- 2007 funding for NIH is sustained at \$28.4 billion, an increase of 40% since 2001.
- 2007 funding for NASA is increased 3.2% overall (after excluding for one-time emergency supplemental funding). This includes a 1.4% (\$76 million) increase for earth and space science.