

## 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.