



## Analysis of FY09 & FY 10 Science Funding In Context – Including *American Recovery & Reinvestment Act (ARRA)* and Final Version of FY 10 President’s Budget Request for SPIE-Supported *America COMPETES Act of 2007* Agencies

June 1, 2009

### *Budget History and Current Actions*

| <b>Key Research Agencies</b>  | FY 06 Funding | FY 07 Funding | FY 08 Funding | FY 09 Funding | % Increase from FY 08 levels | ARRA Stimulus Increments | FY 09 Funding w/ARRA |                              |
|---|---------------|---------------|---------------|---------------|------------------------------|--------------------------|----------------------|------------------------------|
|   | \$ millions   | \$ millions   | \$ millions   | \$ millions   | % Increase from FY 08 levels | \$ millions              | \$ millions          | % Increase from FY 08 levels |
| <b>National Science Foundation</b>                                  | \$5,580       | \$5,916       | \$6,084*      | \$6,490       | 6.7%                         | \$3,002                  | \$9,492              | 46.3%                        |
| <b>Dept. of Energy – Office of Science</b>                          | \$3,600       | \$3,796       | \$3,969       | \$4,679       | 17.9%                        | \$1,588                  | \$6,267              | 33.9%                        |
| <b>National Institute of Standards &amp; Technology<sup>1</sup></b> | \$433         | \$491         | \$755         | \$819         | 8.4%                         | \$580                    | \$1,399              | 70.8%                        |
| <b>TOTAL</b>  | \$9,613       | \$10,204      | \$10,808      | \$11,988      | 10.9%                        | \$5,170                  | \$17,158             | 43.1%                        |

*1. Refers to NIST core accounts, consisting of the Scientific & Technical Research and Services (STRS) budget, plus the Construction of Research Facilities (CRF) budget*

\* The total for FY 08 does not include the effects of a \$33M rescission of funds that occurred, nor does it include the \$62.5m 'emergency funding' of NSF activities that was passed during the fiscal year. These are treated as one time impacts that would only skew the base year totals.



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*Funding levels for FY10 as proposed compared to FY09 Budget and ARRA*

| <b>Key Research Agencies</b>        | <b>Funding Proposed in FY 2010 President’s Budget Request</b> |                               |                         | <b>ARRA Impacts</b>    |   |                                 | <b>Five Year Funding Perspective</b> |                 |                      |
|-------------------------------------|---|-------------------------------|-------------------------|------------------------|---|---------------------------------|--------------------------------------|-----------------|----------------------|
|                                     | Total FY10 \$ millions  | Change from FY 09 \$ millions | % Change from FY09 Base | Total FY09 \$ millions | FY 10 Funding Difference – from FY 09 with ARRA | % change FY10 vs.FY09 with ARRA | Change FY 10 vs. FY 06 in \$mil.     | 5 Year % Change | Compound Growth Rate |
| National Science Foundation         | \$7,045   | \$555                         | 7.9%                    | \$9,492                | - 2,447   | - 34.7%                         | \$1,465                              | 26.3%           | 4.8%                 |
| Dept. of Energy – Office of Science | \$4,942   | \$262                         | 5.3%                    | \$6,267                | - 1,326   | - 26.8%                         | \$1,341                              | 37.3%           | 6.6%                 |
| NIST                                | \$846   | \$27                          | 3.2%                    | \$1,399                | - 533   | - 63.0%                         | \$ 413                               | 88.4%           | 13.5%                |
| <b>TOTAL</b>                        | \$12,832  | \$844                         | 6.6%                    | \$17,158               | - 4,306   | - 33.6%                         | \$3,219                              | 33.5%           | 6.0%                 |