A Quick Look at the FY16 R&D Budget

Matt Hourihan
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AAAS R&D Budget and Policy Program
http://www.aaas.org/program/rd-budget-and-policy-program
Limits on Discretionary Spending Since FY 2010
billions of constant 2015 dollars

Based on past budget resolutions, the Budget Control Act, and subsequent legislation. Adjusted for inflation using deflators from the FY16 budget request. © AAAS 2015
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Current Estimates of R&D in the FY16 Budget
percent change from FY15, constant dollars

Based on AAAS analyses of OMB, OSTP and agency budget data. The above adjusts for inflation, expected at 1.6 percent. AAAS | Feb. 6, 2015
Budget Notes...

- Advanced Manufacturing a big winner (again)
- Low-carbon energy a big winner (again)
- Climate-related research a big winner (again)
Budget Notes...

- Total NSF: +5.2%
  - Highest relative changes: SBE, Engineering; also EHR
  - Food/Water/Energy Nexus, climate resilience

- DOD S&T, DARPA flat; big cut to basic research

- DOE Science: +5.4%
  - Advanced Computing
  - Small boost for EFRCs; Hubs funding continues

- Decent number, familiar contours for NASA
  - Earth Science + Space Technology
Looking ahead...

- Size and composition of the discretionary budget? Can R&D stay ahead of the curve?

- Deficits have fallen, but big-picture fiscal challenges remain largely unchanged
  - Debt limit, entitlement growth
  - Reconciliation strategy?
Trends in Federal Spending Since FY 2010
Percent of FY 2010 budget authority, constant dollars

- Base Discretionary Caps
- NSF
- Office of Science
- NIH
- NASA

Based on OMB, agency and Congressional budget documents, and GDP deflators from the President's FY 2015 budget.
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Thanks!

mhouriha@aaas.org
202-326-6607

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