

The ILC: The View from Washington

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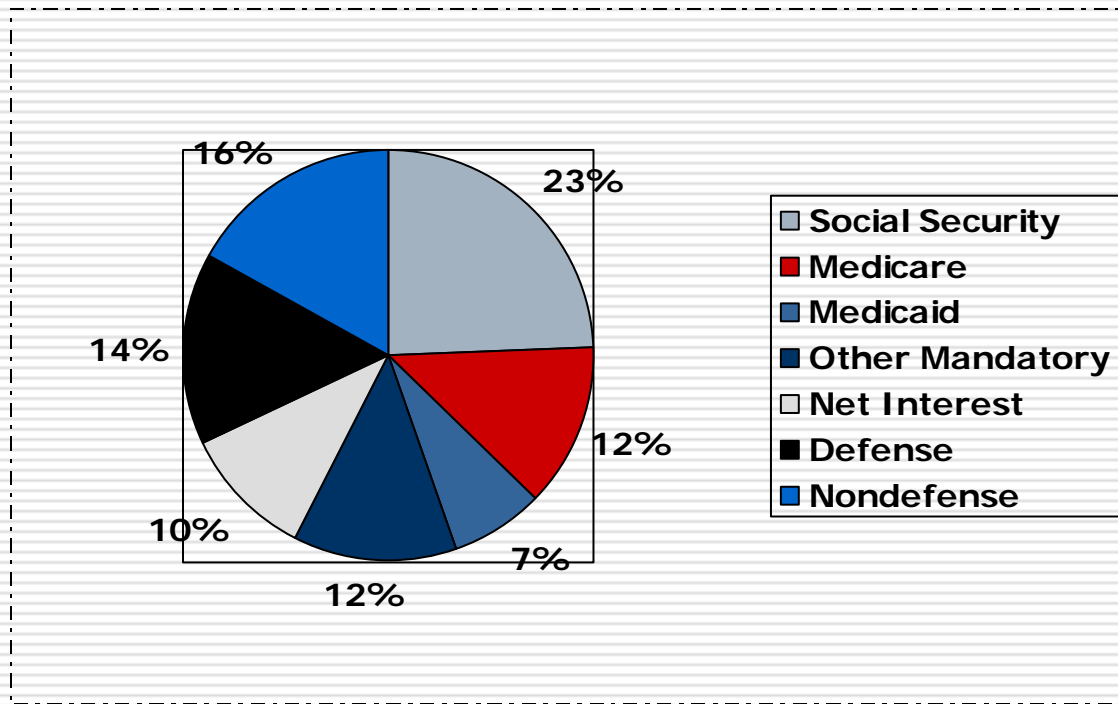
Really Brief Background on Lewis-Burke Associates

- Lobbying and Government Relations Firm focused solely on science and higher education
 - Clients include facility managers (URA (Fermilab), AUI (NRAO, ALMA), UCAR (NCAR)); universities (Caltech, USC, Georgia Tech, etc.); and scientific societies (Society for Industrial and Applied Mathematics, Association of Independent Research Institutes, etc.)
 - 10 lobbyists, 15 clients (includes staff with experience at NSF, NIH, Senate Energy and Water Appropriations Committee, etc.)
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Is the U.S. Government Ready for an ILC? Maybe ...

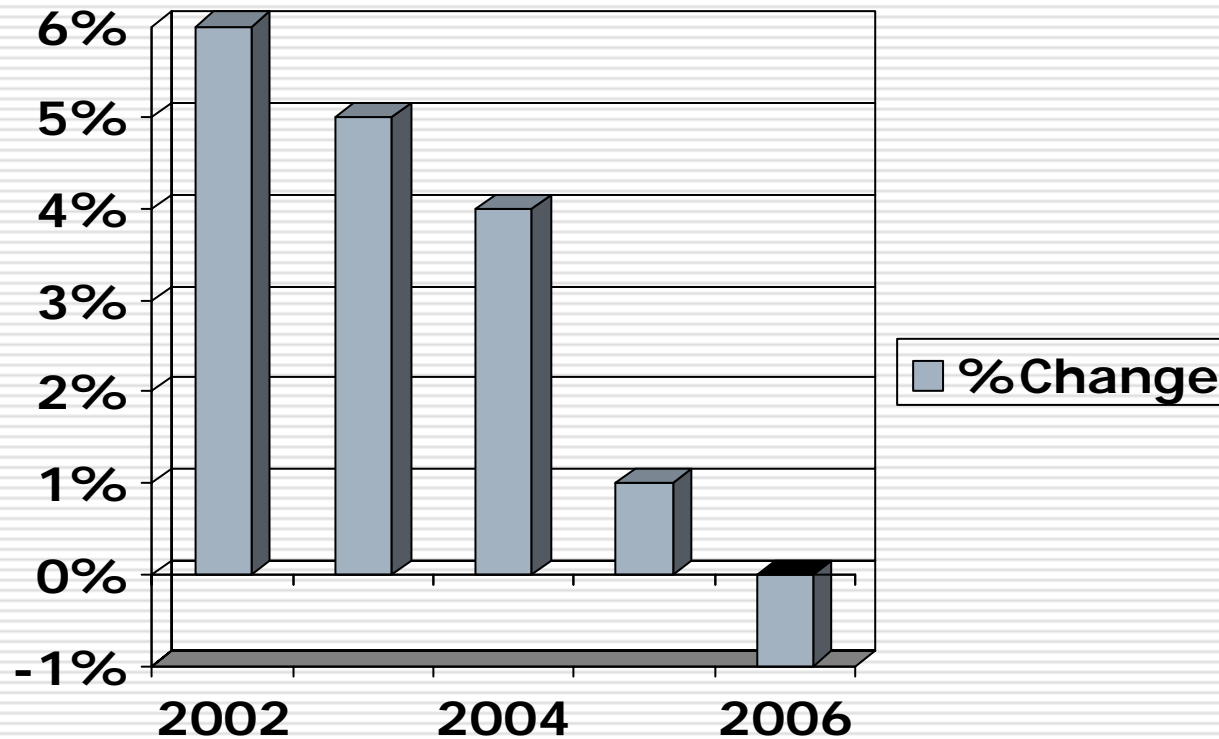
- A significant change from just a couple of years ago
 - DOE officials and staff “talking the talk”
 - Restriction on ILC R&D lifted (though not very well funded at this point)
 - OMB/OSTP officials impressed with international cooperation and effort so far – noncommittal, but supportive in general
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But will there be any money?



Mandatory Spending = 64% of \$2.4 Trillion Budget;
Non-Defense R&D = ~3% (\$72 billion), but increasingly
heavy on biomedical and development

Current Administration's Spending on Non-Security Discretionary Spending



FY 2007 Administration R&D Priorities

- ☐ R&D for Homeland and National Security
 - ☐ Networking and IT R&D
 - ☐ Nanotechnology
 - ☐ Biology of Complex Systems
 - ☐ Environment and Energy
 - ☐ **Physical Sciences**
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FY 2007 Administration R&D Priorities (continued)

- “Within discovery-oriented physical sciences investments, priority will be given to those projects and programs that are demonstrably well-coordinated with related programs in other agencies or other countries.”

■ --FY 2007 OMB-OSTP Priorities Memo

So how do we reconcile the Administration's somewhat optimistic words with its budget plans?

- ❑ The President is beginning to act in a "legacy-mode"
 - ❑ With embryonic stem cells, "intelligent design," and climate change issues, he doesn't want to be remembered as completely "anti-science"
 - ❑ Don't just say no – leave the door open for projects like the ILC
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So what does that mean for the ILC?

- Need to separate in our minds (and in our strategies and tactics) between ILC R&D and the ILC
 - Administration has left the door open to ramp up ILC R&D over the next 4 to 5 years
 - They may not significantly increase funding for it, but Congress is capable (willing?) of providing sufficient increases for R&D (FY06 House increase; plan for 3-year larger-scale ramp-up)
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But ILC R&D does not mean commitment to ILC

- ❑ Something as large as the ILC cannot be proposed through Congress; it must be an Presidential “vision”
 - ❑ Can’t overstate the impact that the U.S. political system’s inability to commit to funding for more than a single year will have on the ILC process
 - ❑ Budgets may cause inability to “pull the trigger”
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So what needs to be done? (the short version)

- ❑ The leaders of today will not be those deciding on whether the U.S. will participate in the building of the ILC – need to cultivate the next generation of leaders from states with significant ILC interest
 - ❑ Reinforce and grow support in Congress for ILC R&D over the next 2-3 years (focused on leadership, appropriators, and science authorizers)
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So what needs to be done? (cont.)

- ❑ Begin to educate Congress at large about the ILC – small and medium sized science can be advocated for among a small group of Members, but an ILC needs widespread understanding (at scientific, diplomatic, economic levels) if it is to survive yearly funding battles
 - ❑ Every Presidential Candidate for the next 2 cycles (2008 and 2012) must be aware of, and hopefully support, the ILC! This is essential.
 - ❑ IT IS NOT CLEAR THAT ONE PARTY WILL BE MORE SUPPORTIVE THAN THE OTHER!
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Without this support, obstacles to U.S. ILC participation may be insurmountable

- Detractors will surface
 - From within the HEP community
 - From other scientific disciplines
 - From budget hawks on the Hill and in the Administration
 - A truly international management structure, if by chance the host nation is the U.S., will require a true change in U.S. policies – visas, taxes, funding commitments, accountability, etc.
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