



FEDERAL LABORATORY CONSORTIUM
FLC
FOR TECHNOLOGY TRANSFER

*The Only Government-wide
Forum for Technology
Transfer*

FLC Washington DC Office

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FLC Mid-West Regional Meeting
St. Louis, Missouri

“DC Update”

August 13, 2008



Overview

- Legislative and Policy Issues
- R&D Budget Update
- DC Office Activities
- Miscellaneous





Selected Legislative and Policy Issues



Tech Transfer Hearings

(Stevenson-Wydler - TBD)

House Science & Technology Committee (Announced in July 2007):

“The Stevenson-Wydler – The Next 25 Years ” (TBD ... maybe)

- Focus: General Oversight
- Anticipated same topics as House Bayh-Dole oversight hearing

Status:

- Input solicited from agencies and FLC on *issues* and *panelists*
- Overarching message from the FLC: Stevenson-Wydler is working well; flexible; supports US competitiveness
- **Not scheduled yet – maybe never**





Patent Reform Legislation

(Going, Going, Gone)

Sticking Point:

- **Damages Apportionment**

“We’re not ready for patent reform at this time ... [but] patent reform is not off the table.”

Senate aide (May 2008)

Status:

- House (H.R. 1908): Passed the House August 7, 2007
 - Statement of Administrative Policy
- Senate (S. 1145):
 - Statement of Administrative Policy – Dept. of Commerce Letter
 - **Stalled in Senate Committee (April 2008) – not this year**





SBIR/STTR Reauthorization

(Sunsets Sept 2008/2009)

Reauthorization Bills: H.R. 5819 – passed House April 23
S. 3362 – passed Senate Committee July 30

Selected Provisions:	HOUSE	SENATE
Award limits:	Phase I: \$300K Phase II: \$2.2M	Phase I: \$150K Phase II: \$1.0M
Set Aside:	No increase	SBIR (increase to 3.5% over 10 years) STTR (increase to 0.6% over 6 years)
VC Ownership:	Expands	Expands (less than House version)

Status:



- To the full Senate...to conference with House...to final bill for President
- **Difficult by end of FY – CR (??)**



Other Selected Legislation

National Innovation and Job Creation Act (S. 3078)

- Creates National Innovation Council to “coordinate Federal innovation policy”
- Transfers the following programs to the Council:

From the National Institute of Standards and Technology:

- * Manufacturing Extension Partnership (MEP) Program
- * Technology Innovation Program
- * Office of Technology Partnerships

From the National Science Foundation:

- * Partnerships for Innovation
- * Industry-University Cooperative Research Center Program
- * Engineering Research Center Program

From the Department of Labor:

- * Workforce Innovation in Regional Economic Development Program



Other Selected Legislation (continued)

The Science, Technology, Engineering and Mathematics Education for the 21st Century Act of 2008 (S. 3324)

- Creates Non-Federal STEM Council
- Creates standing STEM Committee within NSTC (in OSTP)
- Requires DoED to assess all its STEM programs

Consolidated Natural Resources Act (P.L. 110-229)

- ★ DOE: to provide grants and seek partnerships for the creation of a nationwide network of advanced energy technology transfer centers



Other Selected Policy/Legislative Issues

Export Control Directives

(Jan. 22, 2008)

- Impacts how US State Dept licenses exports of defense equipment, services, and technical data

Deemed Export Advisory Committee Report

(Dec. 20, 2007)

- Critical of current regime

H1-B Visa Limitations

(Spring 2008)

- Legislation to raise limits, exempt PhDs from US universities, etc.)

★ Demise of DOC Technology Administration

(Dec. 26, 2007)



R&D Funding Update (2009 – 2010)



FY 2008 (R&D) Budget

(Supplemental, June 2008)

Additional Science Funding For FY 2008

- \$150 million for NIH, to be merged into current NIH spending and divided proportionally among the institutes, centers and common fund for FY 2008;
- \$62.5 million for DOE Office of Science, with House statement stipulating it should be used to end any layoffs due to budgetary constraints;
- \$62.5 million for NSF, including \$22.5 million for research and related activities, and \$40 million for Education and Human Resources;
- \$62.5 million for NASA; and,
- \$387 million will fund research, development, testing and evaluation within the military services and DoD.



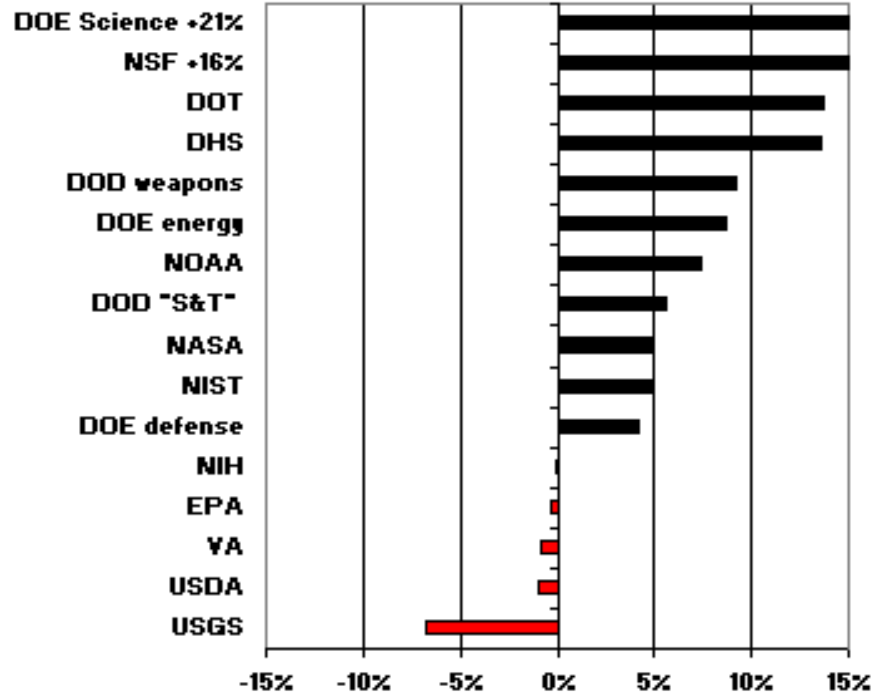
FY 2009 R&D Budget Rollout

Total and Priorities

- Proposed: ~ \$145 Billion (up 3.3% from '08)
 - maybe
- Priorities (same as recent years):
 - Physical sciences (ACI agencies: NIST, NSF, DOE/Science)
 - Defense weapons development
 - Space vehicle development
 - Homeland security



FY 2009 R&D Request (without earmarks)
 Percent Change from FY 2008 excluding '08 earmarks



Source: AAAS, based on OMB R&D data and agency estimates for FY 2009.
 DOD "S&T" = DOD R&D in "6.1" through "6.3" categories plus medical research.
 DOD weapons = DOD R&D in "6.4" and higher categories. R&D earmarks as tabulated by AAAS from final 2008 appropriations in December 2007 analyses. MARCH '08 REVISED © 2008 AAAS





FY 2009 R&D Budget

(Status of Appropriations)

FY 2009 Defense and Military Construction-VA bill 'may' move this year ...



... with Continuing Resolution most likely for remainder at current levels through **March 2009**



FY 2010 (R&D) Budget

(OMB Memorandum to Agency Heads, April 2008)

“The FY 2010 budget will be submitted by the next President. In order to lay the groundwork for the incoming administration, we intend to prepare a budget database that includes a complete current services baseline (emphasis added) and to gather information necessary to develop current services program estimates for FY 2010 from which the incoming administration can develop its budget proposals.”

“You are not required to submit a formal budget request in September and there will be no formal Director’s Review or Passback this fall ...”

Jim Nussle, Director, OMB
Memo to Agency Heads, April 7, 2008



DC Office Activities

Stakeholder Interactions and Outreach



Selected Stakeholder Activity

Engaging Other Organizations

- Industrial Research Institute (IRI, ETDN)
- Rehabilitation Engineering Society of North America (RESNA)
- Association of University Technology Managers (AUTM)
- Association of University Research Parks (AURP)
- State Science & Technology Institute (SSTI)

Inaugural Lab Director's Forum

- Promoting inter-laboratory communications

MOUs

- ORAU, SPIE, Fire Fighters, CopenMind



Technology Transfer Accomplishments

(Keeping Congress Informed)

Excellence in Technology Transfer Awards, 2007

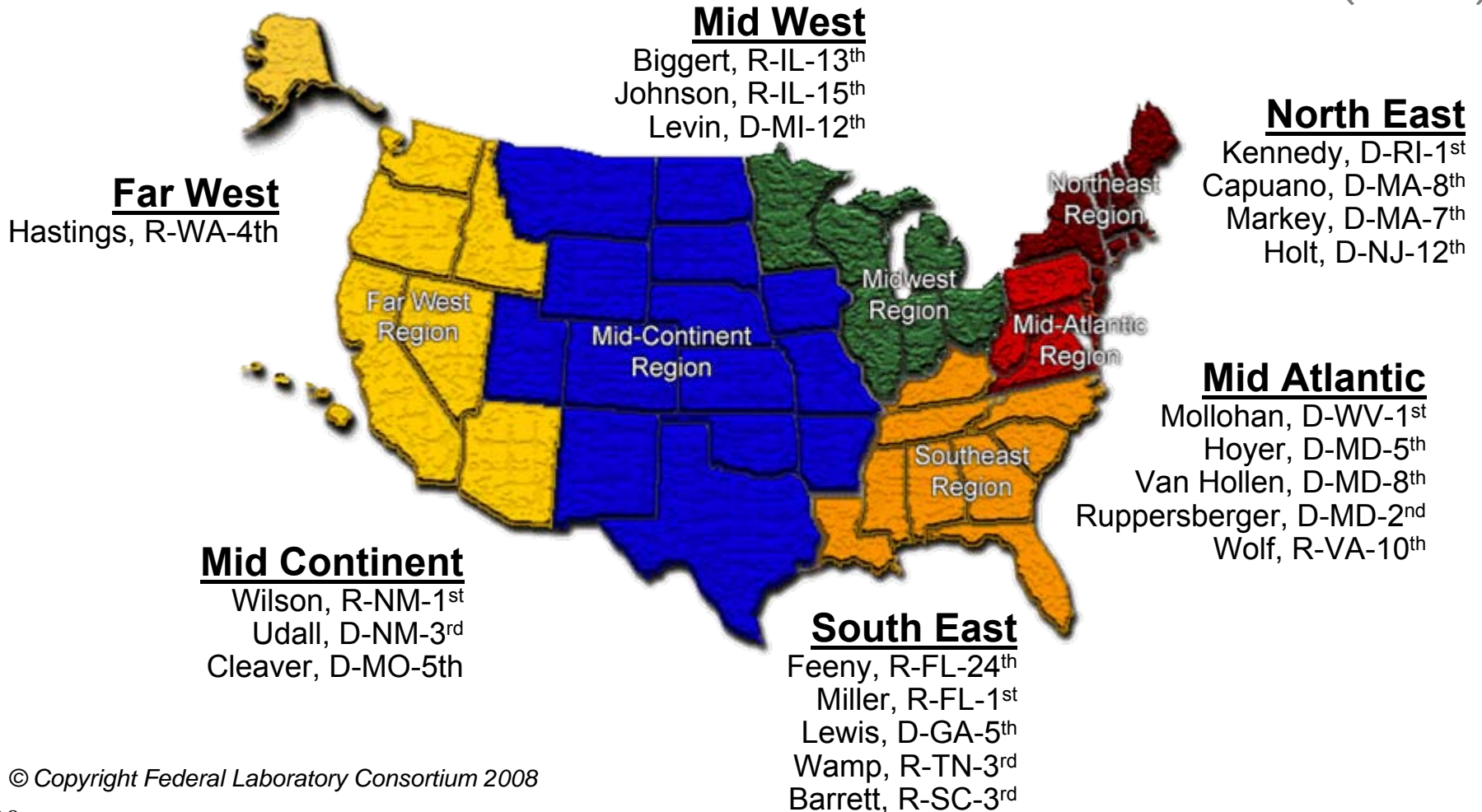
Federal Technology Transfer Success Stories, 2007





Congressional Visits, 2007

(House)





Congressional Visits

(Committees; Summary)

- Engaged:**
- 39 Senate offices
 - 21 House offices
 - Multiple Committee Staffs
- Message:**
- Raising visibility of FLC/T²
 - Highlighting T² in State/District



Miscellaneous Items

ITIF Innovation Study

- Collaboration (not single firm) is primary method
- Fed labs are “dominant organizational locus” for collaborative innovation
- High percentage of innovations are beneficiaries of federal funding
- SBIR singled out as particularly effective in supporting innovation

Ocean Tomo Auction/Conference

- NASA pilot for federal labs
- October, Chicago



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