IUCRC PROGRAM
FINDINGS FROM THE CENTER STRUCTURE DATABASE

FINAL RESULTS: FY 2010-2011

TRENDS FROM CENTER STRUCTURE DATABASE: 1980-2011

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January, 2012
Center Life Cycle*

- Active Centers
- Phased Out Centers
- Self-Sustained Centers

(Cumulative Record)

(Current Year)

Active Centers
Phased Out Centers
Self-Sustained Centers

Data Current for FY2012
Single & Multi-Site Centers*

- Single-Site Centers: 35, 37, 38, 39, 47, 45, 46, 47, 39, 31, 36, 27, 30, 29, 19, 19, 18, 15, 14, 12, 12, 10, 9, 6, 4
- Multi-Site Centers: 16, 2, 2, 4, 4, 4, 5, 5, 8, 15, 19, 20, 23, 26, 26, 26, 25, 22, 22, 27, 33, 48, 52

*Data Current for FY2012
ACTIVE CENTERS AND SITES BY YEAR*

*Data Current for FY2012
Total Program Funding

REMINDER: Program added 11 new centers from 2010-11
Average & Median Total Center Funding

Handful of extreme outlier centers skews the distribution and biases “average” size
NSF Budget by Year

Note: 2005-2011: Include Supplemental Funding and CISE
NSF Budget by Year

Other Programs co-fund too!
Average NSF IUCRC Funding per Center

Decline in average funding may be:
more sites at $150k, sites transitioning from Phase I – II – III; this includes “NSF IUCRC Awards & Supplements” but not “Other NSF”
Average NSF IUCRC Funding per Site

FY 2010-2011 NSF-I/UCRC Center Structure Database

January, 2012
Total Funding by Source in Dollars

**Millions**

- UNIVERSITY
- OTHER (FED. NON-FED. & OTHER CASH)
- STATE
- OTHER INDUSTRY
- INDUST. MEM. FEES
- OTHER NSF
- IUCRC

January, 2012

FY 2010-2011 NSF-I/UCRC Center Structure Database
Total Funding by Source in Percentages

“Other fed” and “other NSF” appear to be growing percentage. May include a temporary ARRA effect.
CISE & ENG Partnership: Funding by Source

Total Dollars

- IUCRC
- Other NSF
- Indust. Mem. Fees
- Other Industry
- State
- Other Cash
- University

Average Dollars

- IUCRC
- Other NSF
- Indust. Mem. Fees
- Other Industry
- State
- Other (Fed., Non-Fed.,...)
- University

January, 2012

2010-2011 NSF-I/U CRC Center Structure Database
Industrial Memberships

Total Number of Memberships

Average Number of Memberships per Center

More centers; more members!

Average membership beginning to rebound post-recession
Average Membership Turn Over

NEW CENTERS EXCLUDED

Lines crossing = natural recession!
Continuing centers appear to have more than held their own

*Newly funded Centers’ members are not counted as Members Added
FY2010-2011 NSF-I/UCRC Center Structure Database
Member Composition 2005-2011

Growth in SB membership begun around 2005 appears to be stabilizing around mid-20%.

* Years with Advanced Forestry excluded as a small business outlier: ‘08 Small = 36, ‘09 Small = 49, ‘10 Small = 57, `11 Small = 66
^ Categories comprising Others include: non-profit, non-US gov’t, and other org.
Average Number of Researchers per Center

FACULTY & POST DOC RESEARCHERS

Note: As of 2003, NSF changed the label of "non-faculty" researchers to "post doc" researchers.
Intellectual Property Events
FY 02-11 Totals

- Invention Disclosures
- Patent Applications
- Patents Granted
- Software Copyrights
- Licensing Agreements
- Royalties Realized

January, 2012
FY 2010-2011 NSF-I/UCRC Center Structure Database
Average Number of Intellectual Property Events 02-11

- Invention Disclosures
- Patent Applications
- Patents Granted
- Software Copyrights
- Licensing Agreements
- Royalties Realized

January, 2012
FY 2010-2011 NSF-I/UCRC Center Structure Database
Questions