DRAFT RESULTS: FY 2008-2009

TRENDS FROM CENTER STRUCTURE DATABASE: 1980-2009

Gray, D.O. & McGowen, L.
North Carolina State University
FY 2008-2009 STRUCTURAL INFORMATION

**PRESENTATION**
- Based on draft report for FY 2009
- *SOME SLIDES (*)* based on current (FY 2010) information

**FINAL VERSION**
- Final tables will be e-mailed
- Membership report

**RESPONSE RATE**
- 37 centers in operation during FY 2008-2009
- 36 out of 37 centers responded
NSF BUDGET BY YEAR

Note 1: 1992 dollars calculated at: http://www.minneapolisfed.org/
Note 2: 2005-2009: Include Supplemental Funding and CISE

FISCAL YEAR

Total Dollars
Constant Dollars (1992)

 Millions


January, 2010
NSF-I/UCRC Center Structure Database
NSF BUDGET BY YEAR

Millions

- Supplemental Funding
- CISE
- IUCRC

~ $3M in ARR funds

FISCAL YEAR

'80  '82  '84  '86  '88  '90  '92  '94  '96  '98  '00  '02  '04  '06  '08

1.3  1.5  2  3  3.6  3.9  4.2  4.2  4.2  4.2  5  5.2  5.2  9.8
CENTER LIFE CYCLE*

Active Centers (Current Year)
- 2 3 5 7 10 17

Phased-Out Centers (Cumulative Record)
- 80 82 84 86 88 90 92 94 96 98 00 02 04 06 08 10
- 80 82 84 86 88 90 92 94 96 98 00 02 04 06 08 10

2009:
- 7 graduated; 8 new

2010:
- 4 graduated; 8 new
SINGLE AND MULTI-SITE CENTERS BY YEAR*

![Graph showing the number of single-site and multi-site centers by year from 1985 to 2010.](image-url)
ACTIVE CENTERS AND SITES BY YEAR*
TOTAL PROGRAM FUNDING

Decline of $22M: “BSAC Effect”
AVERAGE NSF IUCRC FUNDING PER CENTER

Note: Based on total NSF/IUCRC Budget
AVERAGE NSF IUCRC FUNDING PER SITE

Note: Based on total NSF/IUCRC Budget
TOTAL FUNDING BY SOURCE BY YEAR IN DOLLARS

**Millions**

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

NSF leveraging declines from 8-1 to 6-1
TOTAL FUNDING BY SOURCE
BY YEAR IN PERCENTAGES

- UNIVERSITY
- OTHER (FED., NON-FED., & OTHER $)
- STATE
- OTHER IND.
- IND. MEM. FEES
- IUCRC & OTHER NSF
INDUSTRIAL MEMBERSHIPS BY YEAR

TOTAL NUMBER OF MEMBERS

AVERAGE NUMBER OF MEMBERS PER CENTER
AVERAGE MEMBERSHIP TURN OVER

*Newly funded Centers’ members are not counted as Members Added
AVERAGE NUMBER OF RESEARCHERS PER CENTER / BY YEAR

FACULTY & POST DOC RESEARCHERS

Note: As of 2003, NSF changed the label of "non-faculty" researchers to "post doc" researchers
FUNDING PER RESEARCHER
TOTAL vs. CONSTANT DOLLARS

Note: 1992 dollars calculated at: http://www.minneapolisfed.org/
AVERAGE NUMBER OF INTELLECTUAL PROPERTY EVENTS

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Overview

- Program is healthy and continues to add new centers
- ARRA gave a one year boost
- Movement toward multi-site centers continues
  - More NSF money per center but about same per site
- Graduation of some very large older centers has resulted in a steep decline in total funding and leveraging
  - Phase 3 funding may alter this next year
- Economy is hurting recruiting efforts and many centers are experiencing a net loss of members
  - Past history indicates centers bounce back after 2-3 years