



# Research Facilities Improvement Program

Workshop

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Bethesda, Maryland



# Research Facilities Improvement Program

<http://www.ncrr.nih.gov/resinfra.htm>

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# Important Program Observations

- C06 success rate for the last 3 years averaged approximately 40%
- Successful applicants: 97% attended the workshop and submit an application shortly thereafter
- FY 2004: \$118.5 million
- FY 2005: Not known at this time



## Division Of Research Infrastructure

### ■ Animal Facilities Improvement Program (AFIP)

- The PHS 398 application forms are used.
- Utilizes the G20 mechanism (June 1 annual receipt date)
- **Matching requirement for all applicants has been eliminated**
- **Alteration and renovation of animal facilities**



# Animal Facilities Improvement Program

- **Comply with Federal laws, regulations, and policies**
- **Develop centralized programs of animal care**
- **The \$700,000 maximum request may be used (a) entirely for movable equipment; (b) for renovation, repair or modernizing the facility and for fixed equipment; and (c) in any combination of option (a) and (b) to reach the \$700,000 maximum request limit of the award.**



# Animal Facilities Improvement Program

## Trends

2000	62	18	\$7.8 M
2001	59	20	\$8.6 M*
2002	44	18	\$9.4 M
2003	50	28	\$13.2 M
2004	111	22-23 (anticip.)	\$13.2 M**

\*\$3.7 M added to the budget from other DRI sources.

\*\*\$4.7 M will be added to the budget from other DRI sources.



# Research Facilities Improvement Program

- ✓ Utilizes the C06 Mechanism
- ✓ Standard Form 424 application package
- ✓ New construction or alteration and renovation of laboratories and animal facilities used for basic or clinical biomedical or behavioral research
- ✓ 2 applications/institution/fiscal year (School of Med. & School of Dentistry or Pharmacy etc.)
- ✓ New receipt dates: 9/14/04 and 12/15/04



## Research Facilities Improvement Program

- ✓ Can request between \$1 M and \$ 4 M per application
- ✓ 1:1 matching requirement (waiver for exceptional cases)
- ✓ Up to 5 years to complete the project
- ✓ Federal government maintains 20 year interest
- ✓ NIAID/NCRR collaboration for BSL-2/3 alteration & renovation upgrades (\$25 M); next speaker will elaborate the details
- ✓ Annual grant development workshop

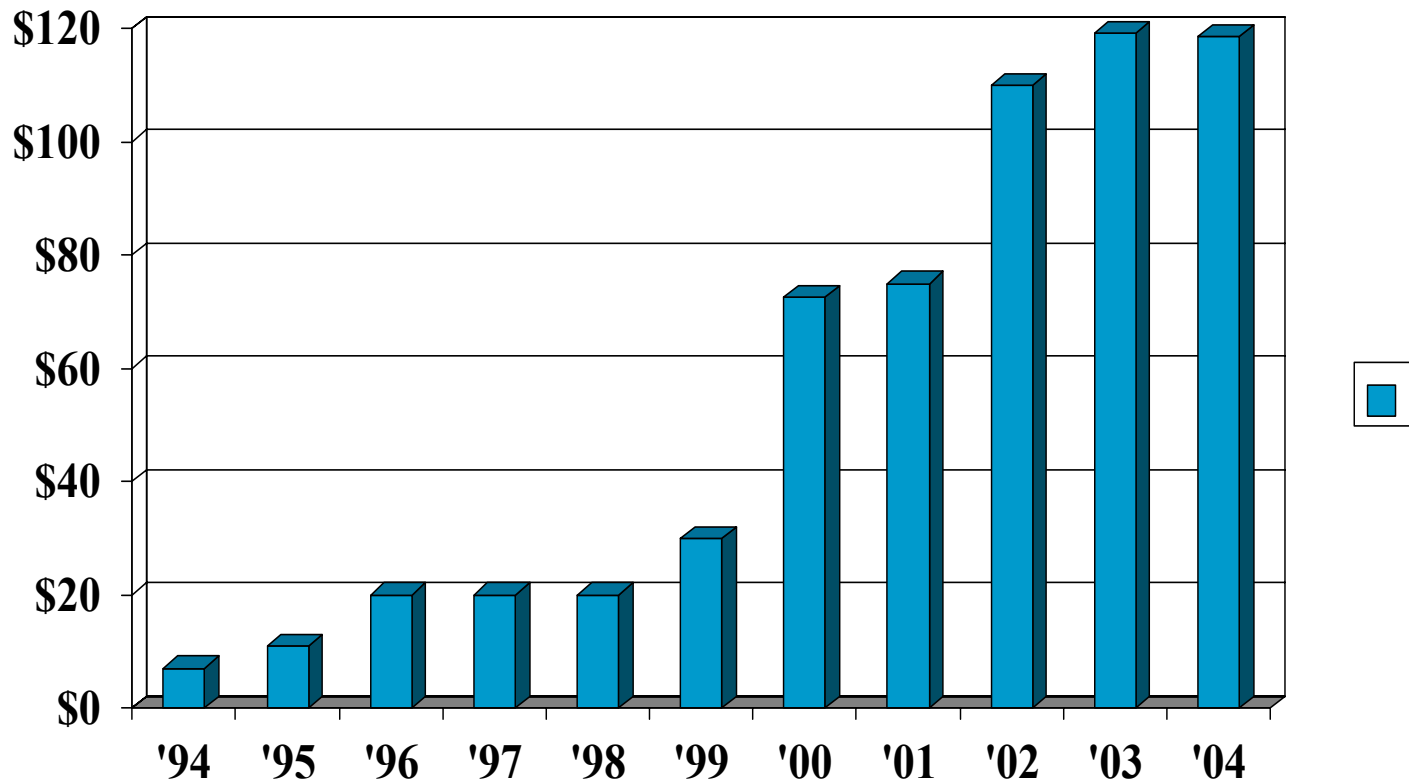




# Research Facilities Improvement Program (RFIP)

- The RFIP is a competitive extramural facilities construction program.
  - **Public and non-profit entities**
  - **Build new facilities or complete shell space for biomedical research, research training or research service**
  - **Expand, remodel, repair, renovate or alter existing research facilities**

# Research Facilities Improvement Program (\$ in millions)



7/23/2004



# Research Facilities Improvement Program

## Trends

<b>FY</b>	<b>C06 Applications</b>	<b>Awards</b>	<b>C06 Budget</b>
2000	94	42	\$72.5 M
2001	83	44	\$75 M
2002	104	57	\$110 M
2003	122	41	\$119.2 M
2004	155	40-43 approx.	\$118.5 M

7/23/2004



## Phases of a Construction Award

- Application Phase
- Design Phase
- Construction Phase



# Research Facilities Improvement Program

- Applications are encouraged from Centers of Emerging Excellence, small and developing institutions and the eight NCRR supported National Primate Research Centers.
- Requires matching funds (\$1 for \$1)



# Research Facilities Improvement Program

## ■ Application Phase

- Preparation of application
- A two tiered review process
- Issuance of a Notice of Grant Award including the Terms and Conditions
- Acceptance of award and the return of signed Terms & Conditions to NCRR Office of Grants Management; design phase begins at this point



# Research Facilities Improvement Program Application Phase

- Preparation of Application
  - Program Announcement (PA)
    - Note Specific, Detailed Instructions In PA
  - Supplemental Instructions
    - Contain required forms and sample tables
  - Budget should be justified and reflect actual costs; include vendor quotes



# Research Facilities Improvement Program

## Application Phase

- Office Of Review
  - **Conducts the review of applications, generate priority scores & summary statements**
  - **Scientific And Technical Review Board (STRB): consist of scientists, architects/engineers and veterinarians**
    - **Review applications**
- **National Advisory Research Resource Council (provides the second level of review of applications)**





# Research Facilities Improvement Program Application Phase

- Office Of Grants Management
  - **Notice Of Grant Award**
  - **Terms and conditions**
  - **Funds are restricted until design documents are approved by NCRRI/NIH**



# Avoid Common Mistakes

1. List alphabetically by PI active and pending awards (separate active from pending); list only those which benefit from the project.
2. Adequately describe the animal care procedures if animals are utilized to any degree in the list of awards to benefit from the project.
3. Construct clear & legible 8.5 x 11 inch schematic drawings (show major fixed equipment placement in drawings).
4. Requested & total amounts on the face page, budget info. page and the summary of requested space pages must agree.



## Avoid Common Mistakes

5. Clearly demonstrate and document the need for the improvement project.
6. Include vendor quote material to justify budget cost and proper room sizes to accommodate equipment.
7. Follow the sample table of content in organizing the entire application.
8. Place the Environmental Analysis Sheets at end of the application (**not** in the appendix).
9. Use the PA review criteria as a checklist in order to provide all required material.



# Outstanding RFIP (C06) Applications

- 1. Strong institutional commitment**
- 2. Benefit to productive investigators with Public Health Service (PHS)-sponsored grant awards**
- 3. Conducive for collaborative research**
- 4. Address the use of vacated space**
- 5. A positive impact on current and future research**
- 6. Line drawings and plans are clear and easy to read**
- 7. Consideration given to health and safety issues**



**Finally,**

- 1. Address the review criteria point by point, line by line in a convincing and logical manner; use it as a checklist.**
- 2. About four month after submission, priority scores are mailed by CSR to PIs.**
- 3. Since you are here today, your chances for good news are much, much better. Good luck!**



**Any questions?**

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