

A Grantee's Perspective

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Profile the Science

- Focus on areas that are:
 - Unique
 - Innovative
 - Important
 - e.g. Genetics of childhood diseases performed in a Children's Hospital.

Institutional Commitment

- Quantitate support:
 - Resources
 - Commitment of institution to research
- Institutional commitment of matching funds
 - In place
 - Documented
- Opportunity for philanthropy

Consultation with NCRR Staff

- Address:
 - Everything in the PA
 - Review criteria
- Use a funded proposal as exemplar
- Provide updates to NCRR prior to grant review:
 - Significant changes in faculty/staffing
 - Include CVs

Current Faculty and Grant Support

- Quality of PI/Faculty
- Document current grant support
- Long-range plan
 - Faculty recruitment
 - Enhancement of research
(Institutional Strategic Plan)

Educational Program

- Importance of training at all levels:
 - Women
 - Underrepresented minorities

Purpose of Space

- Determine required functions:
 - Lab space
 - Offices
 - Conference rooms
 - Training facilities for graduate students/post docs

Purpose of Space

- Cores
 - Tissue culture
 - Sequencing
 - Microarray
 - Mass spectrometry
- Integration of functions

Justification of Space

- **Justify need based on usage:**
 - **Demonstrate new initiatives**
 - **Highlight planned expansion:**
 - **Programs**
 - **Faculty**
- **Identify current deficits:**
 - **Inadequate space**
 - **Outdated space**
- **Show use of vacated space**

Architectural Design

- Demonstrate state of art facility
- Professional drawings
- Layout of space (e.g. modular design)
- Share the design with investigators
- Identify everyone involved in the project
- Identify person with sign off authority

Construction Issues-

(Addition to a current building)

- Mechanical
- Electrical
- Plumbing
- Current air systems
- Upper/lower floor

Construction Issues -

(Addition to a current building)

Analyze the effect on existing systems

- Trash rooms
- Glassware preparation
- Storage
- Freight elevator capacity (for movement of equipment to the new area).

Construction Issues -

(For all construction)

- **Water requirements**
 - **RO/ DI**
 - **House water**
 - **Types of gases**
- **Tanks**
- **In-house gas**
- **Determine construction sequence and timeline**

Equipment

- Identify the equipment to determine:
 - Space
 - Weight loads
 - Electrical requirements
- Know requirements for inspections
 - Equipment installed prior to inspection?
 - Order equipment early in the process.

Budget

- Budget justification
 - Contingency fee
 - Architectural design
 - Know all budget constraints
 - Manage the budget