

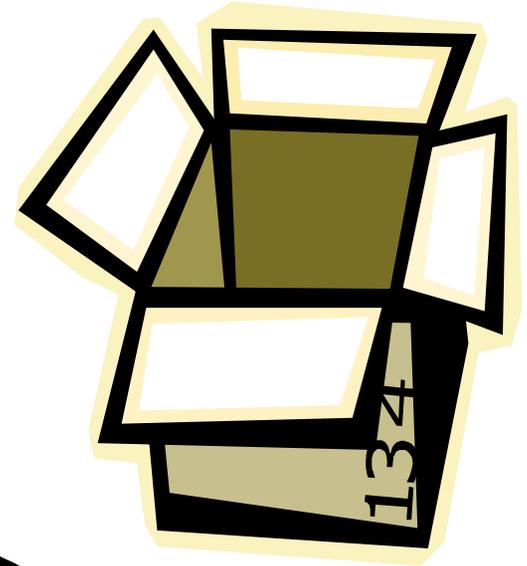
Anatomy of a Grant Application: An Administrative Review

CARRA Peer Review Training

2005

Getting Started

- Oh Boy, I've Got Grants To Review!!!!
- Oh Boy, Where Do I Start??????



Small Research Grant (R03)

Provides research support for discrete, well-defined projects

Project period limited to 2 years

Budget of up to \$50,000 in direct costs per year

Types of projects with R03 funding:

- Pilot or feasibility testing
- Secondary analysis of existing data
- Development of research methodology or new research technology

Provides a basis for more extended research

Example R03 application:

- *Lung Cancer Screening Using Laser Spectroscopy*

Exploratory/Developmental Research Grant (R21)

- Provides research support for the introduction of novel scientific ideas, model systems, tools, agents, and technologies
- Studies may involve risk, but could lead to a breakthrough in a particular area
- Project period limited to 2 years
- Budget of up to \$275,000 for the 2 year period
- Example R21 application:
 - *A Phase I Trial of Amplimexon (imexon, inj.) Administered by 48-Hour Continuous Infusion in Patients with Metastatic Cancer or Disseminated Malignancy*

Parts and Pieces of an R03 Application

- Face Page
- Abstracts/Descriptions
- Table of Contents
- Budget
- Biographical Sketch for Key Investigators
- Resources
- Research Plan
 - Specific Aims
 - Background & Significance
 - Preliminary Studies/ Progress
 - Research Design & Methods
 - Involvement of Human Subjects & Vertebrate Animals
- Literature Cited
- Contractual Arrangements
- Letters of Support
- Checklist
- Appendix Materials

Application Face Page

- 1 R03 CA123456-01 -01A1 -01A2
- 2 R03 CA123456-21 -21A1 -21A2
- 3 R03 CA123456-23S1
 - 1 is a new application
 - 2 is a competing continuation application
 - 3 is a request for supplemental funds
- R03 is the funding mechanism

Application Face Page II

- Title
- Response to a Specific RFA or PA
- Principal Investigator, Degree (s)
- Position Title
- Department
- Major Subdivision
- Mailing Address

Application Face Page III

- Human Subjects Research
- Exemptions
- Assurances
- Clinical Trials
- Vertebrate Animals
- Dates of Proposed Period

Description aka Abstract

- Long Term Goal
- Rationale
- Hypothesis
- Expertise
- Project Subjects
- Research Approach
- Complexity

Table of Contents & Budget

- Table of Contents
 - Provides page number for all application components
- Budget
 - Modular Budget
 - Packages of \$ based on year of support
 - Justification for Budget

Biographical Sketches

- Position -- Seniority
- Degrees -- M.D., Ph.D. or both
- Field of Study – Scientific Background
- Position and Honors – Stature in the Scientific Community
- Types of Publications – Leading Journals
- Research Support – Sources/Overlap

Resources

- Facilities

- Laboratory
- Clinical
- Animal
- Computer
- Office
- Other



- Major equipment

Research Plan

- Specific Aims
- Background & Significance
- Preliminary Studies/ Progress
- Research Design & Methods
- Involvement of Human Subjects & Vertebrate Animals

Other R03 Components

- Literature Cited
- Contractual Arrangements
- Letters of Support
- Appendix Materials