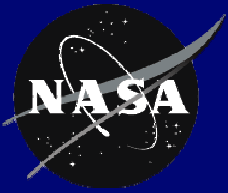


# **NASA Proposal Submissions**

**2003 Richard Tapia Celebration  
for Diversity in Computing**

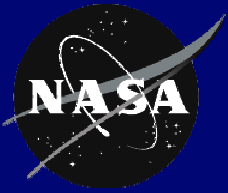
**Dr. Nitin Naik  
NASA**



# Proposal Preparation

## Four Rules for Preparing to Write a Proposal

- 1) Read the Announcement (*...and then read it again*).
- 2) Believe the Announcement (*...because NASA is legally bound to do whatever it says*).
- 3) Respond to the stated provisions of the Announcement (*...not what you wish they were*).
- 4) Go back to Rule 1.



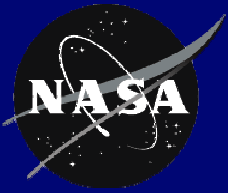
# NASA Vision & Mission

## Vision:

- To improve life here
- To extend life to there
- To find life beyond

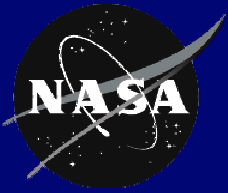
## Mission:

- To understand and protect our home planet
  - To explore the universe and search for life,
  - To inspire the next generation of explorers
- .... as only NASA can.



# NASA Enterprises

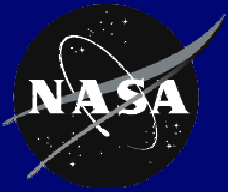
- **Space Science**
- **Earth Science**
- **Space Flight**
- **Aerospace Technology**
- **Biological and Physical Research**
- **Education**



# Proposal Preparation

## Key Components of Any Proposal to NASA

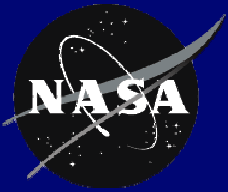
- 1) Objectives and scientific significance of proposed work.
- 2) Feasibility/suitability of proposed method(s) of investigation.
- 3) Relevance of proposed investigation to NASA's programs.
- 4) Qualifications of the investigator(s) and facilities (as required).
- 5) Amount and justification of the requested funding.



# Proposal Preparation

## Canonical Outline of a Proposal for a NASA Research Announcement (NRA) /or/ Announcement of Opportunity (AO)

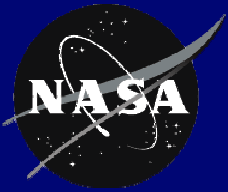
- 1) **Cover Page** (*format may be proscribed through electronically submitted forms*).
- 2) **Name/Address/Signature of a single Principal Investigator.**
- 3) **Descriptive Title of proposed investigation.**
- 4) **Name(s)/Address(es) of Co-Investigators.**
- 5) **Name/Title/Address/Signature of Authorizing Institutional Representative.**
- 6) **Summary (Abstract) of Investigation** (*subject to public release*).
- 7) **Budget Summaries** (*total and for each year*).



# Proposal Preparation

## Canonical Outline of a Proposal for a NASA Research Announcement (NRA) /or/ Announcement of Opportunity (AO)

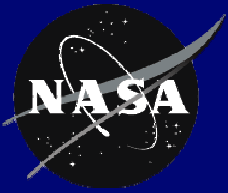
- 8) **Table of Contents** (*may be optional*).
- 9) **Scientific/Technical Section** (*not to exceed page limit*):
  - Objectives and significance of proposed investigation.
  - Technical approach & methodology of research.
  - Relevance to NASA program(s).
  - Relationship to previous work in field &/or state of art.
  - Management plan, including role of Co-I's.
  - Timeline of activities (*with key milestones as appropriate*).
- 10) **Education/Public Outreach Effort** (*optional for NRA's but required for all AO's*).



# Proposal Preparation

## Canonical Outline of a Proposal for a NASA Research Announcement (NRA) /or/ Announcement of Opportunity (AO)

- 11) PI and Co-I Curriculum Vitae (*one page each*).
- 12) Detailed Budget (*must include explanation of all items; may include institution's own format*).
- 13) Current and Pending Research Support (*for PI and key Co-I's*).
- 14) Facilities and Equipment (*as appropriate, both for available and/or additional items to be purchased through grant*).
- 15) Certifications (*signed; required by U.S. Code*):
  - “Debarment, Suspension & Other Responsibility Matters.”
  - “Drug Free Workplace.”
  - “Lobbying” (*only for budgets >\$100K*).



# Information Sites

**NASA's main portal**

**<http://www.nasa.gov>**

**Go to the Post Secondary Educators section**

**Research announcements for each Enterprise**

**<http://research.hq.nasa.gov/research.cfm>**

**Space Grant Colleges and Universities**

**<http://calspace.ucsd.edu/spacegrant/>**

**EPSCoR**

**<http://calspace.ucsd.edu/epscor/>**