

## Research Career Development Award

**Research Career Development Award (RCDA)** – This award is specifically designed to enhance the research career of investigators (Academic Senate and Federation Faculty members at UC Davis) who have already established a specific research theme and focus. The purpose of this award is to provide research funding to a full-time faculty member of the University of California, Davis for a period of not more than two years. This award will fund a single preeminent research project of clinical or laboratory nature that will have a significant impact on the health and welfare of children. **The award will be up to \$75,000 annually for each of two contiguous years.** Funds may be used to offset salary costs of the Principle Investigator up to \$25,000 annually of the award for each year. The subsequent year's non-competitive award will be made only after the submission and review of a progress report at the end of the first budget year. If no award application is found appropriate for funding, the RCDA will not be granted.

### RESEARCH PLAN

**Note: Research Career Development Awards are designed to enhance the research careers of investigators who have already established a specific research theme and focus. The maximum award is \$75,000 per year for each contiguous years and a maximum of 33% of this (\$25,000 per year) may be used to support the Principle Investigator's salary of the award each year up to 2 years. The application should specifically address (#4 listed below) how the awarding of this grant will enhance the ability of the investigator to secure long range funding and/or develop expertise in promising new areas of child health related research. The subsequent year's noncompetitive award will be made only with the submission of a progress report at the end of the first budget year.**

*Please include all of the following (limit to 10 pages with size 11 font, 1" margins, single spaced):*

1. Specific Aims and Hypotheses;
2. Significance, Background & Preliminary Data of Proposal;
3. Methods of Proposed Research, Data Analysis with attention to Statistics and Justification of the Number of Subjects/Animals/Cells, etc. (Power Analysis), Expected Results, Alternative Hypothesis, Limitations and Time Frame for Proposed Research;
4. Justification for Funding for RCDA award (as opposed to regular research award);
5. Role of Collaborator(s);
6. Implications for Quality of Care in Children;
7. Potential Experimental Problems;

8. Literature Cited (limit 30 complete references, **not** considered part of 10-page limit)

*Note: Appendices may include up to three pertinent publications published by Principle Investigator. Failure to comply with the guidelines can result in disqualification.*

## **ITEMIZED BUDGET**

- Salary and Fringe Benefits
- Additional Costs
  - EQUIPMENT (*Itemize by category*)
  - SUPPLIES (*Itemize by category*)
  - INPATIENT CARE COSTS (*Only costs incurred outside standard care will be allowed*)
  - OUTPATIENT CARE COSTS (*Only costs incurred outside standard care will be allowed*)
  - OTHER EXPENSES (*Itemize by category*)
- Budget Justification  
Budget Justification: Describe in detail the specific functions of the personnel, consultants, and collaborators.

**Explain and justify any unusual items such as equipment over \$5,000 and patient care costs:** Patients should not incur costs related to this research above those related to standard medical care.

## **OTHER SUPPORT**

### **Follow Instructions Carefully:**

Incomplete, inaccurate, or ambiguous information about OTHER SUPPORT may lead to disapproval of the application. If there are changes in the information after submission, notify the CMN Research Committee Chair.

Other support is defined as all funds or resources, whether Federal, non-Federal, or institutional, available to the Principal Investigator, (and other key personnel named in the application), in direct support of their research endeavors through research or training grants, cooperative agreements, contracts, fellowships, gifts, prizes and other means.

Key personnel are defined as all individuals who participate in the scientific development or execution of the project. Key personnel typically will include all individuals with doctoral or other professional degrees, but in some projects will include individuals at the masters or

baccalaureate level provided they contribute in a substantive way to the scientific development or execution of the project.

**Reporting requirements are:**

For each of the key personnel, describe:

- (1) All currently active support.
- (2) All applications and proposals pending review or award, whether related to this application or not. If the support is part of a larger project, identify the Principal Investigator and provide the data for the relevant sub project(s).

**RESOURCES AND ENVIRONMENT**

- o **FACILITIES:** Mark the facilities to be used listed on the face page, and briefly indicate their capacities, pertinent capabilities, relative proximity, and extent of availability to the project. Use “Other” to describe the facilities at any other location and at sites for field studies. Use continuation pages if necessary. Include an explanation of any consortium/contractual arrangements with other organizations.
  - Laboratory:
  - Clinical:
  - Animal:
  - Computer:
  - Office:
  - Other:
- o **MAJOR EQUIPMENT:** List the most important equipment items already available for this project, noting the location and pertinent capabilities of each and the extent to which they will be available to the project.
- o **ADDITIONAL INFORMATION:** Provide any other information describing the environment for the project. Identify support services such as consultants, secretarial, machine shop, and electronics shop, etc. and the extent to which they will be available to the project.

**BIOGRAPHICAL SKETCH (All Applicants & Co-Applicants)**

Complete the Standardized Biographical Sketch Form-NIH 398-2590.  
(<http://grants1.nih.gov/grants/funding/phs398/phs398.html>)