

Research Grant

Maximum award: \$50,000 (Total amount awarded over two years)

Maximum duration: 2 years

Research Grant/Award Information

Only one request per applicant, per category, per year is permitted. Research projects, which involve humans or animals, need not have approval from the Institutional Animal Care & Use Committee (IAUC) or the Institutional Review Board (IRB) to apply for this grant; however, approval will need to be obtained before research begins. At the end of second year, all remaining funds will return to the CMN. Fellows, research assistants, residents, and students are precluded from acting as Principle Investigators, but are not precluded from participating on grants. Only research assistants and students may receive salary support. Academic Senate and Federation Faculty members at UC Davis are eligible to be Principal Investigators. **Funding requests will only be considered if the Principal Investigator's progress reports for previous fulfilled awards over the past five (5) years have been received.**

Competitive Research Grants – These funds support research projects aimed at improving the health and welfare of children; or elaborating principles of biology or disease processes that have an impact on the health and welfare of children. These projects may be of a clinical or laboratory nature. While all funded proposals must be meritorious, priority will be given to investigators submitting pilot project proposals (new, previously un-funded endeavors) with likelihood for future funding.

Competitive Research Grants for Junior Faculty – These funds are directed at junior investigators for proposals similar to those outlined above. They are specifically designed for Faculty who have less research experience and are not in a position to compete with more seasoned investigators. **Such faculty must have the rank of Assistant Professor level.** A senior mentor for the project should be in the Academic Senate or Federation at UC Davis and must be identified, in the application, and will be expected to have reviewed the proposal before the submission and must submit a Letter of Support and Biosketch.

RESEARCH PLAN

Please include all 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 Hypotheses, Limitations and Time Frame for Proposed Research;
4. Justification for Funding;
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 the Principle Investigator. Failure to comply with the guidelines can result in disqualification.

ITEMIZED BUDGET

- Salary and Fringe Benefits (*Only allowed for students and research assistants. No Salary & Fringe Benefits allowed for Principal Investigator or Co-Investigator*)
- 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 it 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>