Research Grant

Maximum award: $50,000 (Total amount awarded over two years)
Maximum duration: 2 years

Research Grant/Award Information

Only one application per investigator, per category, per year is permitted. Research projects which involve humans or animals must have documented Institutional Review Board (IRB) or Institutional Animal Care and Use Committee (IACUC) approval, respectively, prior to the release of funds. Unspent funds will revert to the CMN after the second year. Fellows, project scientists, research assistants, residents, and students cannot serve as Principle Investigators, but may be included in the proposed budget. Only research assistants/technical staff and students may receive salary support. Academic Senate and Academic Federation faculty at UC Davis are eligible to apply as Principal Investigators. Funding requests will only be considered if the Principal Investigator’s progress reports and final reports for any prior CMN grant funding 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 focused on principles of biology or disease processes that have an impact on the health and welfare of children. In the grant application the applicant must indicate how the project/research contributes to the UC Davis Health System goals as listed in the 2004 Strategic Plan (listed below in Research Plan). These projects may be of a clinical, translational, or address a related basic science question. While all funded proposals must be meritorious, priority will be given to investigators submitting a pilot project to obtain preliminary data for a future extramural grant submission. The plan for future funding should be addressed in the application. These funds may not be used for personal devices such as, but not limited to the following: iPad, iPhone, Laptops, or desktops.

Competitive Research Grants for Junior Investigators – These funds are directed towards junior faculty and must meet the same criteria noted above. Such faculty must have the rank of Assistant Professor and check the box indicating their junior status. A senior faculty mentor must be included in the proposal (Academic Senate or Federation). The faculty member will be expected to have reviewed the proposal prior to submission and include a Letter of Support and Biosketch in the application.
RESEARCH PLAN

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

1. Specific Aims and Hypotheses
2. Significance, Background, and Preliminary Data
3. Methods of Proposed Research, Data Analysis (with attention to statistical analyses) and Justification of the Number of Subjects/Animals/Cells, etc. (e.g., Power Analysis), Anticipated Results and Potential Problems, Alternative Approaches, Timeline for Proposed Research
4. Justification for Funding
5. Indicate how project/research contributes to the UC Davis Health System strategic goals as listed in the 2004 Strategic Plan (http://www.ucdmc.ucdavis.edu/aboutus/pdf/strategic_plan_web.pdf)
6. Role of Collaborator(s)
7. Implications for Quality of Care in Children
8. Potential Experimental Challenges
9. 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 Principal Investigator. Failure to comply with the guidelines can result in disqualification.

ITEMIZED BUDGET

- Salary and Fringe Benefits (Only allowed for students and technical assistance. No Salary or Fringe Benefits permitted for Principal Investigator or Co-Investigators)
- 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
  Describe in detail the specific roles of the personnel, consultants, and collaborators proposed.
Describe in detail all budgeted items and rationale for inclusion.

**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 regarding OTHER SUPPORT may lead to disqualification. If there are any changes in this information after submission (e.g., newly funded grant particularly if in the same research area), the CMN Executive Committee must be notified.

Other support is defined as any 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 ongoing research through research or training grants, cooperative agreements, contracts, fellowships, gifts, prizes, or other means.

Key personnel include the Principal Investigator and other individuals who contribute to the scientific development or execution of the project in a substantive, measurable way. Key personnel typically 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 include:**
For each 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**

- **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:

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.

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, collaborators, and mentors for junior faculty submissions)

Complete and include the current NIH Biographical Sketch Form and ensure the page requirements are adhered to (http://grants.nih.gov/grants/funding/phs398/phs398.html)