

RASopathies Grant Award

\$50,000 Funding Opportunity **Due: First Monday in October, at 5:00 pm**

We are soliciting proposals for Pilot and Feasibility projects to conduct basic or translational research broadly relating to the **study of RASopathies** (disorders of the RAS signaling pathway, including NF1, CFC, Costello Syndrome, Noonan Syndrome and LEOPARD/NS-ML). This Program, jointly supported by the Cancer and Blood Diseases Institute and Cincinnati Children's Research Foundation, will support focused basic, translational or clinical projects by individual investigators or investigative teams to enable the acquisition of additional preliminary data for highly competitive applications for extramural support.

One project may be selected for a 1-year award of \$50,000.

Eligibility: CCHMC Faculty, all academic levels

Application aims should not overlap with aims of projects already funded by other awards. Guidelines for preparation and submission of applications are attached.

Selection Criteria:

- Scientific merit of the application. This will be assessed using the same criteria as used by NIH reviewers.
- The likelihood that the project will evolve to highly competitive applications for extramural funding.

[Download Forms](#)

The deadline for submission is **the first Monday in October, at 5:00 pm**. Send a single PDF file of the assembled application to **Cynthia Wetzel, PhD** at cynthia.wetzel@cchmc.org.

Administrative questions should be sent to:

Jorge Bezerra, MD jorge.bezerra@cchmc.org

Cynthia Wetzel, PhD cynthia.wetzel@cchmc.org

Research questions should be sent to Nancy Ratner, PhD (RASopathy Program Director) at nancy.ratner@cchmc.org or 513-636-9469.

Application Guidelines

- Only one application will be accepted from a faculty member

Format

There is a **5-page** limit for the body of the application based on the **NIH FORMAT** (Specific Aims, and Research Strategy: Significance, Innovation, and Approach).

The applications must contain the following*, in order (see Word file for forms):

1. Face page.
2. Project summary, relevance, division or institute & personnel
3. Table of Contents
4. Budget for year 1 of \$50,000 and budget justification.
 - a. Salary support is allowed for anyone working on the project other than the principal investigator.
 - b. PI salary support is not permitted.
 - c. Funds can be requested for travel to a single domestic scientific meeting.
 - d. Indirect costs are not provided.
 - e. Budget start date is January 1
5. Biosketch for PI and Co-Investigators (must follow current NIH format)
6. Other Support: Provide other support for the principal investigator and co-investigator (if applicable), especially sources of funds currently available to support research on this or closely related topics by the applicant. If any overlap exists between this application and any other currently funded, or pending projects, clearly indicate why Trustee funds are being requested. Duplication of funds is not permitted.
7. If applicable Response to Previous Review (**1 page**)
8. Research Plan: **5-page limit** (below is the approximate length for each section)
 - a. **Specific Aims (1/2 page):** Remember this is a 1-2 year pilot project.
 - b. **Research Strategy (4 ½ pages).** Organize the Research Strategy into three sections - *Significance, Innovation and Approach* using the instructions provided below. Include a thorough, but concise description of the work leading up to your current hypothesis.
 - **Significance:** Explain how the proposal will address an important problem or a critical challenge in the field. Also indicate how this proposal will generate significant preliminary data needed for an NIH grant application.
 - **Innovation:** Explain how the proposal challenges existing paradigms or clinical practice; address an innovative hypothesis or critical challenge in the field.
 - **Approach:** Describe the overall strategy, methodology, and analyses used to accomplish the specific aims of the project. Include preliminary data, a rationale for experimental design and discuss any potential problems and solutions.
9. Human Subjects. Include all sections required for a NIH application.
10. Vertebrate Animals. Include the 5 point narrative required for a NIH application
11. Literature cited.
12. Letters of support from collaborators or consultants if any.
13. Supplementary data will **NOT** be accepted.