

KAUL PEDIATRIC RESEARCH INSTITUTE COMPETITIVE GRANTS

Background:

The Boards of Trustees of The Children's Hospital of Alabama and Alabama Children's Hospital Foundation established Kaul Pediatric Research Institute (KPRI) as a component of the Alabama Children's Hospital Foundation for the purpose of promoting the research and education missions of the Hospital, with the ultimate goal of improving child health.

Grants from Kaul Pediatric Research Institute:

KPRI annually grants funds for basic and clinical research. Three specific forms of research qualify for funding from KPRI. These are basic laboratory investigation, quality improvement analyses of health care delivery, and clinical/translational research. All funded applications will be directed toward the improvement of child health care. The application must include abstract, specific aims with testable hypotheses, background, and experimental methodology. The format for these applications is attached and is consistent with NIH guidelines. For research applications designed to evaluate the quality improvement of health care delivery, or the performance of clinical trials and translational research several components of the application will be considered mandatory. These include the following: hypotheses which are testable, using application of contemporary biostatistics, definition of procedures for data handling, appropriate determination of primary and secondary endpoints, determination of type 1 and type 2 errors, proper evaluation of sample size, definition of the method of data collection (standardized case record forms, etc.), and, as appropriate, the utilization of data monitoring board. Descriptive evaluations of either the economics of health care delivery or clinical disease syndromes will be discouraged and not reviewed. The significance of all efforts must be readily apparent. For clinical trials, multi-center studies will not be considered. Grant funds are designated for direct costs only and do not include an indirect cost component.

Eligibility:

All members of Children's medical staff, full-time UAB faculty in a pediatric discipline, and Children's employees are eligible to apply for these awards. Fellows are ineligible to be listed as a Principal Investigator. For the purposes of these awards, a senior investigator is defined as those ranked at the Professor level.

Award Process:

Applications for awards must be submitted to Dawn Walton, c/o Mary Aiken, Children's Hospital Administration, Lowder Building 6th Floor by **4:30 PM on Tuesday, September 30, 2014. Please submit an original hardcopy, plus seven additional hardcopies.** Applications must comply with a standardized format (see attached form) for the application to be reviewed. All applications will be peer reviewed (see below), and the Scientific Review Committee will make

funding recommendations to the Executive Committee of KPRI for final approval. There will be a total of up to **eight new grants** available. Six grants will be awarded at an amount of \$30,000 per year for a maximum of two years, with one grant being funded by the Department of Pediatrics. Priority will be given to applicants who are in the early stages of their careers. A seventh grant, named in memory of Dr. Rud Polhill, and an eighth grant, named in honor of Dr. Sergio Stagno, will be targeted at senior investigators at an amount of \$50,000 per year each for a maximum of two years. Funding of the second year for all grants is contingent upon the submission of an acceptable progress report. Grant amounts are designated for direct costs only. Indirect costs are not covered under this grant application.

Funding Cycle Time Line:

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| a. September 30, 2014 | Grant applications due |
| b. December 1, 2014 | Peer reviews complete |
| c. January 31, 2015 | KPRI Recipients selected/Board approved |
| d. February 2015 | Funding Initiated |

Review Process:

All acceptable applications will be peer reviewed. Reviewers will be considered to have expertise in the area of each grant reviewed. The review process will follow that of the National Institutes of Health, whereby there will be a primary and two secondary reviewers. Formal reviews will be written on each application and the critique returned to the investigator within a reasonable period of time after the review process has been conducted. Applications will be evaluated according to the NIH scoring system. Each application will be evaluated for Significance, Innovation, Approach, Investigator and Overall. An appointed Scientific Review Committee will review all applications prior to making funding decisions. Applicants are encouraged to submit the names and contact information for three potential peer reviewers.

Grant Format:

1. Face page (included)
2. Abstract (150 words) (use form)
3. Other Research Support (Related to This Grant) (Use form)
4. Budget for Year One and Year Two (Use form)
5. Budget Justification
6. Biographical Sketch
7. Specific Aim/Hypotheses (one page)
8. Significance/Preliminary Experience (Maximum one page)
9. Experimental Design (Maximum three pages)
10. Bibliography
11. Letters of Collaboration
12. Human Subjects Review (Any protocol which utilized human volunteers/patients must submit UAB-IRB human subjects approval)
13. Animal Utilization Review (Any protocol which utilizes animals must have approval from UAB-IACUC)