

The Wallace H. Coulter Translational Partners Grant Program
CALL FOR PROPOSALS

Deadline: January 5, 2009

- Program:** The proceeds of a grant from the Wallace H. Coulter Foundation will be used to support collaborative translational research projects that involve co-investigators from the Department of Biomedical Engineering and a clinical department in the School of Medicine. The goal of this program is to support collaborative research that addresses unmet clinical needs and leads to improvements in health care and to commercial products. Examples of desirable outcomes include inventions, patents, improved diagnosis and treatment of disease, follow-on funding (e.g. grants, SBIR, angel investment) commercial products, licenses, commercial partnerships and start-up companies.
- Eligibility:** Only permanent, full-time, faculty in the professorial ranks (assistant, associate, or full) may apply.
- Criteria:** Each proposal must have co-PIs, at least one whose primary or secondary appointment is in the Department of Biomedical Engineering and at least one clinical investigator from the Duke University School of Medicine. The research must relate directly to applications in health care, and the objectives of the project should include an outcome that will benefit patients. Evaluation of each proposal will be on the basis of scientific merit, potential health care impact and significance, experience of the investigators, the potential for commercialization or translation to patient care and for successfully obtaining further support.
- Submission:** General questions about proposals and review process should be addressed to George Truskey (660-5147; gtruskey@duke.edu). Specific questions about scientific content or commercialization strategy should be addressed to Barry Myers (660-5150; barry.myers@duke.edu) before submission. To provide feedback prior to submission, we strongly recommend submitting a one page preliminary proposal by **November 24, 2008**. Provide project title, team members, project goals and an initial assessment of potential users of the technology. Submit pre-proposals to George Truskey gtruskey@duke.edu. Pre-proposals will be used for evaluation of potential impact on patient care and the commercialization strategy that needs to be employed to get there. Feedback will be provided to project teams. Submit **proposals by January 5, 2009** via e-mail to Melda Uzbil melda.uzbil@duke.edu and Barry Myers barry.myers@duke.edu. An Oversight Committee will review proposals and make recommendations on funding priority. Selection of finalists for oral presentations will occur by February 11-13, 2009. Oral presentations will be scheduled for February 25, 2009 and awardees will be notified shortly thereafter. Grant awards begin April 1, 2009.

Proposals should not exceed five pages, excluding cover page, list of references, a budget page, and a two-page CV of PIs. The cover page must contain the project title, names of the co-investigators, amount requested, a one-paragraph summary, and the approval/signature of the department chair of the PI who is not in the BME Department. All proposals must be submitted as pdf files. Award recipients will be required to prepare brief written quarterly progress reports.

The grant proposal **must** include: (proposals will be rejected if any component is missing)

- Expected specific milestones (per quarter) and research plan for achieving them
- Explanation of clinical relevancy of research (e.g., envisioned product, clinical need)
- Intellectual property status, strategy and plan
- List of current funding and pending proposals for each co-investigator
- Plan for funding after Coulter award expires
- Approvals for animals and human subjects (if needed)

We strongly encourage all applicants to work closely with Barry Myers and Melda Uzbil during the proposal preparation period. Our team helps all applicants understand the review criteria, components of the proposal and write the most competitive application.

- Duration:** Grants will be for a one-year period, and may be submitted for renewal. Renewal applications must have a comparison of milestones achieved vs. those planned in the original submission. Renewal applications will be evaluated on a competitive basis with new applications.

Budgets: Funds may be used for faculty, graduate student and other research staff salary, but may not be used for general staff or administrative support or for tuition. Operating supplies, minor equipment items, prototyping expenses, imaging time and travel directly associated with the research activity are examples of eligible budget items. Indirect costs not to exceed 20% of direct cost should be included.

**Oversight
Committee**

Robert Anderson, M.D., M.B.A.
Professor and Chair Emeritus
Department of Surgery
Duke University School of Medicine

Mara Neal, MT (ASCP) SH, MS, MBA
Director – Research Grants
Wallace H. Coulter Foundation

Barry Myers, M.D., Ph.D., MBA
Anderson-Rupp Professor of Biomedical Engineering
Senior Associate Dean for Industrial Partnerships and Research Commercialization, Pratt School of Engineering
Coulter Translational Partnership Grant co-PI
Ex officio

Rosina Maar Pavia, MD, MBA
Venture Partners
Pappas Ventures

Rose Ritts, PhD
Executive Director
Office of Licenses and Ventures
Duke University

Kevin A. Schulman, MD
Professor of Medicine
Duke University School of Medicine
Professor of Business Administration
The Fuqua School of Business, Duke University
Director, Duke Clinical Research Institute

George Truskey, PhD,
Professor and Chair, Department of Biomedical Engineering
Coulter Translational Partnership Grant PI

Darrel Untereker, Ph.D.
Vice President of Research and Technology
Medtronic

Victoria Christian
COO of Duke Translational Research Institute
Duke Translational Medicine Institute