

NCI-UMD Partnership for Multidisciplinary Cancer Research

Proposal mechanism to obtain student support Deadline 5 PM on Thursday April 30th, 2015

NCI Investigators and UMD Faculty are invited to submit collaborative projects for graduate student support.

It is anticipated that several graduate students will be supported through NCI CRTA fellowships starting in the Fall 2015 semester and that tuition will be covered by the University of Maryland. Seed awards will be initially for one year. At the end of the trial period, the NCI in consultation with the University will decide whether to continue the project and fund the student for an additional year. It is expected that NCI investigators and UMD faculty will apply for other sources of project funding to continue the collaboration past this two year project startup support.

For consideration, proposals need to be submitted to Elsy Hernandez elsy.hernandez@nih.gov with a copy to Dan Larson dan.larson@nih.gov and Stephanie Noel sjnoel@umd.edu by 5 PM April 30th, 2015.

You will receive a confirmation email indicating receipt of the proposal.

The following information has to be included in a single pdf file:

A. Cover Page (1 page)

- Title of project
- Contact info for one UMD faculty member (authorized to be primary advisor for a graduate student) and one NCI researcher (authorized to host CTRA fellows),
- Name and Graduate Program affiliation of student
- Laymen's abstract/picture: Four sentences describing the project in laymen's terms plus a picture/figure

B. Proposed Research (max 3 pages, including references)

- Short research description focused on the project to be carried out by the joint student which should address, and will be judged on the following criteria:
 - a. Relevance to cancer
 - b. Feasibility
 - c. Innovation
 - d. Research design
 - e. Potential for first author publication by the student
 - f. Student qualification for the project

C. Additional required information (not included in the 3 page limit for the Proposed Research)

- Logistics and Impact Statement:
 - a. How will the collaborative effort be coordinated (meetings, data sharing, etc)?
 - b. How will the project impact the research direction of the NCI and UMD laboratories?
 - c. Identify potential future funding sources.
- Biosketch of NCI PI (NIH format max 4 pages or NSF format)
- Biosketch of UMD PI (NIH format max 4 pages, or NSF format)
- Biosketch and transcript of student (max 2 pages)

Awardees and their mentors are expected to participate in activities of the Partnership. Annual workshops and a monthly seminar series alternating between NCI and UMD are planned.

Review Process and Criteria: The aim of this partnership is to bring the expertise and resources in the mathematical sciences, physical sciences, and engineering at the University of Maryland College Park, and basic, clinical, and translational research expertise of the NCI/CCR to bear on the most pressing problems in cancer research.

Seed awards will be judged based on student qualifications as well as potential impact, relevance to cancer, innovation and synergism between physics, math, bioengineering & biocomputation and cancer biology.

All applications will be reviewed by an ad-hoc committee of NCI and UMD Faculty, Staff and Investigators.

For more information or please visit www.cancertechnology.umd.edu

Program contacts: Dan Larson (NCI) dan.larson@nih.gov
Carole Parent (NCI) parentc@mail.nih.gov
Wolfgang Losert (UMD) wlosert@umd.edu

Administrative Contact: Elsy Hernandez (NCI) 301-496-9684 elsy.hernandez@nih.gov
Stephanie Noel (UMD) 301-405-6642 sjnoel@umd.edu