REQUEST FOR PROPOSAL: SCCNE-UIUC-01-FALL 2005

Date of Issue: November 22, 2005

SUBMISSION DEADLINE: DECEMBER 21, 2005
Date for announcement of awards (anticipated): January 15, 2006

AWARD DURATION: 12 months (based on positive evaluation of the end of year report, if requested, exceptional projects can be extended for additional 6 months)

AWARD AMOUNT: $40,000

YEARLY AWARDS: 2-3

Proposal Requirements

1. Each submitted proposal must have at least one faculty member from each of engineering and either of biological/chemical/medical sciences; these may include researchers either from the campus of University of Illinois or Washington University at Saint Louis. The lead PI is required to be based at the University of Illinois.

2. The lead PI and the research team is expected to attend major events/meetings arranged by the SCCNE/CNST, and provide bi-yearly updates, and any other information sought by the project executive committee/coordinator in a timely and comprehensive manner.

3. Proposals should not be more than two pages in length, with 1.5 line spacing, and Arial font size 11.

4. The proposal should provide the following details:
   i. Project Title
   ii. PIs and Affiliations
   iii. Relevance to the SCCNE mission (see premise below)
   iv. Intellectual Merit
   v. Approach
   vi. Translational Aspects of the Proposed Project
   vii. Contact Information for lead PI
   viii. Research References (if needed, up to 3)
The budget is assumed to be $40,000. No budget information is needed in the proposal. However, allowable expenses will include student or postdoc support, supplies, facility user fees, other routine research expenses, and travel to meetings or, in the case of UIUC-WashU collaboration, to/from Champaign and St. Louis. Equipment is not appropriate.

**SUBMISSION PROCEDURE**

*Only Electronic Submissions in Word document format will be accepted by 5:00PM (Central) on December 21, 2005.* Proposals submitted after the deadline will not be considered. Email proposals to: nano@cnst.uiuc.edu

**File Naming Convention:**
example: *Last Name First Initial-Short Title-SCCNE-UIUC-01-Fall 2005.doc*
Doe J-Nanoparticles for Cancer Therapy-SCCNE-UIUC-01-Fall 2005.doc
*Lead PI.*

**PREMISE**

The Siteman Center for Cancer Nanotechnology Excellence (SCCNE) based at the Washington University-Saint Louis is a partnership between Washington University and the University of Illinois at Urbana-Champaign. Other partners include Barnes-Jewish Hospital, and several private-sector companies including Kereos, Inc., and large multinational corporations including Philips Medical Systems.

The SCCNE is among the seven recently awarded CCNEs by the National Cancer Institute of the National Institutes of Health. The University of Illinois is leading Core 6 of the project- Nanomaterials and Nanofabrication for Targeting Cancer. This core addresses fundamental issues pertaining to nanomaterials and nanofabrication toward the development of nanodevices and nanotubes for targeting cancer.

Proposals are invited which contribute toward the advancement of the goal of this core component, which is the research and development of nanomaterials and novel nanofabrication techniques to translate ideas to clinically adaptable nanodevices and nanomaterials that operate in real-time at ultrasensitive, ultra-reliable, and ultra-small resolution.

It is our expectation that the PIs will leverage the SCCNE-UIUC seeded projects to seek extramural support from the NIH and others for full-blown projects.

**For more information contact:**
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http://www.cnst.uiuc.edu/SCCNE-UIUC.htm
http://www.siteman.wustl.edu/physician/home/index.shtml

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