



MITSUBISHI CHEMICAL CENTER FOR ADVANCED MATERIALS

Call for New Research Theme Proposals No Deadline

BACKGROUND:

The Mitsubishi Chemical Center for Advanced Materials (MC-CAM) has been the vehicle for a research partnership between the Mitsubishi Chemical Corporation (MCC) and the materials science community at UCSB since 2001. This partnership specifically targets the areas of organic and hybrid organic-inorganic materials for high market value applications such as electronic devices.

MC-CAM is seeking to fund between 1 and 2 innovative “New Research Theme” (NRT) projects on an annual basis. These projects will be funded for a term of 1 year, typically in the range of \$75,000-\$100,000 (including indirect costs). The scope of research should address priority research areas identified by MC-CAM’s Steering Committee.

ELIGIBILITY:

University of California, Santa Barbara faculty and researchers who are eligible to be Principal Investigators may seek funding under this program.

AWARD MECHANISM:

NRT projects will be funded for one year, typically in the range of \$75,000 - \$100,000, including indirect costs. Funding can be extended for a second year if the research results are sufficiently promising at the end of year one. Very successful NRT projects can also be expanded into larger Integrated Research Programs (IRPs) in subsequent funding cycles. Funding decisions will be made by the MC-CAM Steering Committee. The Committee expects to award 1-2 NRT projects annually on an ongoing basis. NRT proposals may be submitted at any time, but will be considered quarterly by the Steering Committee for funding. Cutoff dates for quarterly review are as follows:

- March 1
- June 1
- September 1
- December 1

Proposals received after these dates will be deferred to the following quarter for review.

GENERAL GUIDELINES:

1. The grants will be used to support new, innovative projects that are broadly consistent with the spirit and aims of the MC-CAM.

2. The NRT projects should involve the design, synthesis, characterization, and/or fabrication of new functional materials or devices, especially those based on organic or hybrid organic-inorganic materials, which could have application in the electronics, energy, or photonics marketplace.
3. Proposals will be judged on the basis of scientific novelty and their potential for technological significance.
4. A UCSB “project leader” should be identified in each proposal. If possible, a project co-leader from MCC should also be identified and consulted in the preparation of the proposal.
5. There is no restriction on the number of proposals that can be submitted by a single PI, or on the number of awards that a single PI can receive under the program.
6. Personnel paid from MC-CAM projects must be fully supported by MC-CAM funds, or by unrestricted fellowship or gift funds that carry no intellectual property assignment restrictions. Affirmation to this effect should be included in each proposal.
7. The research personnel must disclose any background intellectual property or other conflicts that could potentially interfere with intellectual property assignment of inventions arising from the proposed research. The PIs should also affirm that the NRT project is “intellectually distinct” from other ongoing or planned research activities in their laboratories.
8. All research personnel will be required to sign a Notice of Restrictive Patent Provision prior to the release of any awarded funds (see: <http://www.mc-cam.ucsb.edu/documents/RPP-Notice.pdf>). Personnel joining a funded project after award must sign the Notice prior to their start date. If you have any questions about the governing patent provisions or the Notice of Restrictive Patent Provision, please call Sherylle Mills Englander, Director, Office of Technology & Industry Alliances, at (805) 893-5180 or englander@tia.ucsb.edu.

Questions regarding proposal content, appropriateness of subject matter for the program, or potential MCC partners should be addressed to **Glenn Fredrickson, MC-CAM Director**, x8308, ghf@mrl.ucsb.edu.

PROPOSAL INSTRUCTIONS:

Proposal Deadline: No deadline. Quarterly cutoff dates: 3/1, 6/1, 9/1, and 12/1

Award Announcement Date: 60 days following submission cutoff date

Project Start Date: 3 months or 6 months after submission cutoff date

Proposal Format:

1. Cover page that includes:
 - a) Project Title
 - b) UCSB team & project leader (names, titles, and departmental affiliations)
 - c) MCC partners & co-leader, if known
2. Scientific and technological objectives and relevance
3. Affirmation regarding distinct funding (see #6 and #7 above)
4. Project description (up to 5 single-spaced pages, including figures)
5. Detailed budget and justification (<\$100,000 total direct and indirect costs, unless prior approval has been granted by Glenn Fredrickson)

SUBMITTING YOUR PROPOSAL:

To receive consideration for funding, please submit your proposal electronically to Sara Bard at sara@mrl.ucsb.edu. PDF format is preferred.

Questions regarding the proposal submission procedure may be addressed to Sara Bard, x7913, sara@mrl.ucsb.edu.