



Mitsubishi Chemical Center for Advanced Materials

Call for New Research Theme Proposals

Deadline: Friday, April 6, 2018

Background:

The Mitsubishi Chemical Center for Advanced Materials (MC-CAM) at the University of California, Santa Barbara was established in 2001 to enable a research partnership between the Mitsubishi Chemical Corporation (MCC) and the UCSB materials science community. MC-CAM research targets the areas of organic and hybrid organic-inorganic materials for applications spanning electronic and energy devices, catalysis, sensors, displays, coatings and encapsulants.

MC-CAM is seeking to fund several innovative “New Research Theme” (NRT) projects for its 2018-2019 fiscal year beginning September 1, 2018. Research areas of interest include: low-cost polymer designs that will degrade in a marine environment, supercapacitor and battery materials, solid electrolytes, organic sensor materials, functional barrier materials and coatings, advanced display materials, and 3D printing materials.

Eligibility:

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

Award Details:

NRT projects will be funded for a term of one year, typically in the range of \$100,000 - \$150,000, including indirect costs. Funding decisions for the 2018-2019 fiscal year will be made by the MC-CAM Steering Committee by June 30, 2018, for an initial award term of September 1, 2018 – August 31, 2019. Funding may be extended for a second year if the research results are sufficiently promising at the end of year one. Very successful NRT projects may also be expanded into larger Integrated Research Programs (IRPs) in subsequent funding cycles.

General Guidelines:

1. The NRT 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 target the areas of organic and hybrid organic-inorganic materials. Specific research areas of interest for this call include: low-cost polymer designs that will degrade in a marine environment, supercapacitor and battery materials, solid electrolytes, organic sensor materials, functional barrier materials and coatings, advanced display materials, and 3D printing materials.
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/sites/default/files/MCCAM-RPP-Notice.pdf>). Personnel joining a funded project after award must sign the Notice prior to their start date.
9. Prior to submitting a proposal, it is recommended that applicants discuss the proposal content and appropriateness of the subject matter for the MC-CAM program with Glenn Fredrickson, MC-CAM Director, x8308, ghf@mrl.ucsb.edu.

APPLICATION PROCESS

Proposal deadline: April 6, 2018

Proposal Format:

1. Cover page that includes the project title, UCSB team & project leader (names, titles, and departmental affiliations), and MCC partners & co-leader (if known).
2. Project description, ideally 2 pages or less, conveying the essence of the research goals and the resources required. The project description should not exceed 4 pages.
3. Affirmation regarding distinct funding (see #6 & #7 above)

Proposal Submission:

To receive consideration for funding, please submit your proposal electronically to Sara Bard at sara@mrl.ucsb.edu no later than April 6, 2018.

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