

MC-CAM Research Topics

- Organic LEDs
- Phosphors and materials for solid state lighting
- Battery materials with highly-controlled microstructures
- Next generation optical storage media
- Products based on high-purity silica and silicates
- Specialty and functional polymers for coatings and automotive applications
- Novel conjugated polymers and high-conductivity organics
- Nanostructured materials with unique electronic, magnetic, and optical properties
- Chemically modified fullerenes and fullerene devices
- Materials for advanced display technologies

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<http://www.mc-cam.ucsb.edu>



WELCOME TO THE MITSUBISHI CHEMICAL CENTER FOR ADVANCED MATERIALS

Director, Professor Glenn Fredrickson

The Mitsubishi Chemical Center for Advanced Materials (MC-CAM) is a materials research center that commenced operations in May 2001 at the University of California, Santa Barbara (UCSB). The Center enables a research partnership between the Mitsubishi Chemical Corporation (MCC) and the extensive materials science community housed in UCSB's College of Engineering and physical science departments. This partnership specifically targets the area of "functional soft materials".



About the Center:

MC-CAM Overview:

MC-CAM is located in the Materials Research Laboratory (MRL) at UCSB. While sharing staff and research space with the MRL, MC-CAM maintains its own autonomous research programs. Projects are selected and shaped by a "Steering Committee," consisting of an equal number of representatives from MCC and UCSB. Project selection is based on the criteria of novelty, relevance to MCC technologies and business goals, and scientific merits.

Please see the MC-CAM website at www.mc-cam.ucsb.edu. This site is a useful reference for extensive program information.

MC-CAM Staff:

For assistance with your MC-CAM questions, please see the following administrators:

Assistant to the Director:
Sara Bard, Rm. 3107
x7913, sara@mc-cam.ucsb.edu

Financial Systems Assistant:
Maki Donovan, Rm. 2066C
x8391, maki@mrl.ucsb.edu

Management Services Officer:
Maureen Evans, Rm. 2066E
x8519, maureen@mrl.ucsb.edu

Personnel/High Value Purchasing Asst:
Janet Shalhoob, Rm. 2065
X8990, janet@mrl.ucsb.edu

Please keep the MC-CAM staff updated with your most current information.

Important Guidelines:

To receive up-to-date information on MC-CAM guidelines and opportunities, please check with Sara to make sure that you are subscribed to the MC-CAM mailing list.

Restrictive Patent Procedure:

MC-CAM programs are covered by an intellectual property agreement that provides licensing terms to the Mitsubishi Chemical Corporation. All researchers working on an MC-CAM project must sign the "Notice of Restrictive Patent Provision." By signing this form the researcher acknowledges his or her awareness that MCC has a time-limited first right to all inventions created under MC-CAM.

Publications and Presentations:

Prior to publication or presentation, all research results arising from MC-CAM funded projects are subject to review by the Mitsubishi Chemical Corporation. The documents should be submitted to Sara Bard, preferably in pdf format, **no less than 30 days** prior to the date needed. Documents submitted less than 30 days in advance will not be approved for release by Mitsubishi.

Materials Transfer Agreement:

Before sending any material samples to Mitsubishi, please notify both the MTA Officer, Jill Boltz, at boltz@research.ucsb.edu and Sara Bard at sara@mc-cam.ucsb.edu with a brief scientific description of the material and the quantity that will be sent. This is important for record-keeping purposes and to ensure full compliance with the Materials Transfer agreement between UCSB and the Mitsubishi Chemical Corporation.

Procedures:

Purchasing Procedures:

In order to make purchases for an MC-CAM project, you will need authorization from your advisor. Please visit the MC-CAM website and choose the "Policies" link for a description of high value and low value orders. All purchasing forms are available on the MC-CAM website and can also be obtained from Sara.

When you receive shipments for MC-CAM projects, please sign, date, and return the packing slip to Sara. If there is any problem with your order (incomplete, damaged, wrong item ordered), write this on the packing slip. *We must know of any changes to the original order to pay the invoice.*

Travel Procedures:

All travel on MC-CAM funds requires prior approval. Please see the "MC-CAM Policies" link for necessary forms and a description of travel procedures and policies.

Opportunities:

Researcher Exchange: MC-CAM provides funds to support the travel expenses of UCSB faculty, students and researchers to MCC sites to facilitate the programs of the Center.

Fellowships: Mitsubishi Chemical has provided gift funds below the "Mitsubishi Chemical Distinguished Graduate Fellows" program to endow permanent graduate fellowships at UCSB in the Chemical Engineering and Materials Departments.