

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

Mitsubishi Chemical Center for Advanced Materials

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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. MC-CAM research targets the areas of organic and hybrid organic-inorganic materials for electronic and optical device applications.

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:

Program Coordinator:
Sara Bard, Rm. 3107
x7913, sara@mrl.ucsb.edu

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

Management Services Officer:
Joni Schwartz, Rm. 2066E
x8519, joni40@ucsb.edu

Payroll Manager:
Mike Craig, Rm. 2066A
X8990, mcraig@mrl.ucsb.edu

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

Important Guidelines:

Information on MC-CAM deadlines, policies, and opportunities are periodically sent to the MC-CAM mailing list. You will be subscribed to this list when you join the center.

Restrictive Patent Procedure:

All MC-CAM research project participants must sign the “Notice of Restrictive Patent Provision” to acknowledge their awareness and acceptance of the intellectual property terms in the MC-CAM Research Agreement. These terms include a time-limited first right for Mitsubishi Chemical to license inventions created below MC-CAM funding

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. Please see the MC-CAM website for the full manuscript review procedure.

Material Transfer Agreement:

Before sending any samples to Mitsubishi Chemical, please notify Sara Bard at sara@mrl.ucsb.edu so that she can document the transfer and assist with an export control review. This is important for record-keeping purposes and to ensure full compliance with the Material Transfer Agreement between UCSB and the Mitsubishi Chemical Corporation.

Procedures:

Purchasing Procedures:

Please visit the MC-CAM website and choose the “Policies” link for a description of purchase order process.

When you receive shipments for MC-CAM orders, please sign, date, and leave the packing slip in the tray in the MRL mail room for our records. If there is any problem with your order (incomplete, damaged, wrong item ordered), please note 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 by the MC-CAM Director. Please see the “Policies” link on the MC-CAM website 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.

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