



MIT Center for Materials Science and Engineering Community College Program 2009 Research Experience for Undergraduates



Spend summer 2009 performing cutting-edge materials research at MIT's Center for Materials Science and Engineering! Apply your classroom education in the laboratory. Develop valuable technical research and presentation skills as you work collaboratively within an MIT faculty-led research group.

Roxbury Community College (RCC) and Bunker Hill Community College (BHCC) students will join research teams at MIT's Center for Materials Science and Engineering to work on current problems in the field of materials science and engineering. In addition to full-time research, program participants will attend weekly meetings of all CMSE summer undergraduate researchers that will feature research discussions and guest speakers.

A range of projects drawn from many academic disciplines, including biomaterials, chemistry, electrical engineering, materials science, and physics, will be available.

CMSE currently supports inter-disciplinary research in the areas of

- designing nanomaterials for electrochemical energy storage
- engineering living cells via nanomaterials
- developing nanomaterials that change mechanical properties in response to external stimuli
- exploring multimaterial, multifunctional nano-structured fibers

Read about CMSE's research on our website: <http://web.mit.edu/cmse/index.html>

Women and members of minority groups are encouraged to apply.

Program Dates: June 4 - Aug. 7, 2009

Stipend: \$4000

Eligibility: to be considered for this program, applicants must

- be US citizens or permanent residents
- be currently enrolled at RCC or BHCC
- have a GPA of 3.0 or higher

To apply: RCC students should submit the following items to Prof. Kimberly Stieglitz in 3-401C:

- a completed application form
- a resume
- a copy of your transcript
- a letter of recommendation from an RCC faculty member

Application deadline: March 13, 2009



MIT's Center for Materials Science and Engineering is funded by the MRSEC Program of the National Science Foundation under grant number DMR-08-19762.