College of Engineering
Summer Research Experience for Undergraduates Program

Request for an Engineering Student for Summer 2013 Research

Faculty Name ___Shelly Peyton___________________________________________________

Phone __5-1133_______________________________________________________________

Department __Chem Eng_______________Email: ___speyton@ecs.umass.edu___________

Brief description of Summer Research Project (please explain the interdisciplinary nature of this project).

Biomaterials and cancer metastasis. This project will be interdisciplinary between materials science and cancer biology, to understand the physical aspects driving the spread of cancer.

Brief description of what the student will be doing:
Student will make and characterize biomaterials, perform cell culture, and quantify cell migration.

Is this a CASA-related project? Yes ___ No X___

Preferred background of student (major(s), class, GPA, pre-requisites, etc.):
Major: chemical engineering, sophomore level or above, some biology coursework.

Did you mentor a student last summer in the College REU Program?
Yes____  No _X___

If yes, please describe the outcomes for that student (i.e. Honor’s thesis, conference presentations, manuscripts, papers, etc. Describe accomplishments to date as well as plans for the spring semester if the work has continued):

Please return this form to: lrobidou@ecs.umass.edu by February 1, 2013