

## Postdoctoral Research Position at UC Santa Barbara

Effective immediately, a postdoctoral research position in the general area of crystal growth is available in the group of Mike Doherty at UC Santa Barbara. The goal of the project is to develop and test a new software tool for predicting the morphology of pharmaceutical crystals grown from solution. The scientific basis for this project is described in our recent article, "Spiral Growth Model for Faceted Crystals of Non-Centrosymmetric Organic Molecules Grown from Solution," Kuvadia and Doherty, *Crystal Growth & Design*, 11, 2780-2802 (2011). In addition to developing and testing the software, it is expected that the successful applicant will make original scientific contributions to the field of crystal growth modeling worthy of publication in the archival literature. Familiarity with solid-state chemistry, crystal growth, molecular modeling and computer programming is a plus.

The project is funded for two years and the successful applicant will be expected to make a commitment to remain with the project for a two year period. Applications should be addressed to Mike Doherty and sent to the email address given below. Two letters of recommendation should accompany the application package. Applications will be reviewed starting November 1, 2011; the appointment will start as soon as possible for the successful applicant.

Send application to [mfd@engineering.ucsb.edu](mailto:mfd@engineering.ucsb.edu)