



SYRACUSE
BIOMATERIALS
INSTITUTE

Interactive Biomaterials REU

Syracuse Biomaterials Institute seeks applications from undergraduates interested in research on biomaterials: synthetic and natural substances to treat disease or injury.

Dates: June 4 – August 10, 2012

Stipend: \$5,000 Scholarship + University Housing

Location: SBI Central Research Facility at Syracuse University, SUNY ESF, and SUNY Upstate Medical University

Eligibility: Undergraduate students majoring in the following disciplines: Engineering, Chemistry, Biology and Physics with interest in Biomaterials Science.

Apply: Application materials may be obtained at: <http://biomaterials.syr.edu/> or contact us (*listed below*)

Example Projects:

- 2D and 3D Active Cell Culture
- Control of Natural Polymers for Drug Delivery
- Neurite Outgrowth on Modulus Gradients
- Polymeric Hydrogels for Tissue Engineering
- Electrochemical Atomic Force Microscopy of Cell-Surface Interactions
- Smart Drug Release: Furanone release from a shape memory hydrogel
- Understanding bacteria-materials interactions by surface engineering



New SBI
Labs



2011
Poster
Session



Application Deadline April 1, 2012

For More Information

SBI Summer Research Program Directors:

Professor Julie Hasenwinkel • jmhasenw@syr.edu
Professor Patrick Mather • ptmather@syr.edu

Administration: Phone: (315) 443-3544
Karen Low • kplow@syr.edu

Syracuse Biomaterials Institute
Interactive Biomaterials REU Program
318 Bowne Hall, Syracuse University
Syracuse, New York, 13244-1200