**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/](http://biomaterials.syr.edu/) or contact us (listed below)

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**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

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**Application Deadline** April 1, 2012

**For More Information**

SBI Summer Research Program Directors:

- Professor Julie Hasenwinkel • [jmhasenw@syr.edu](mailto:jmhasenw@syr.edu)
- Professor Patrick Mather • [ptmather@syr.edu](mailto:ptmather@syr.edu)

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- Karen Low • [kplow@syr.edu](mailto:kplow@syr.edu)

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