



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:** May 31, 2015 – August 7, 2015

**Stipend:** \$5,400 Scholarship + University Housing

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

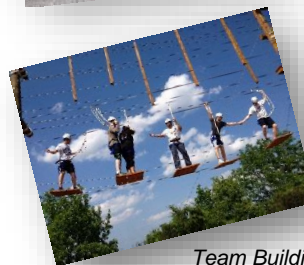
**Eligibility:** Undergraduate students majoring in the following disciplines: Engineering, Chemistry, Biology and Physics with interest in Biomaterials Science.

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



## Example Projects:

- 2D and 3D Active Cell Culture
- Mechanism of Antimicrobial Peptide Action on Bacterial Cells
- Neurite Outgrowth on Modulus Gradients
- Polymeric Hydrogels for Tissue Engineering
- Designing Anticancer Drug Delivery and Gene Therapeutic Nanocarriers
- Smart Drug Release: Furanone release from a shape memory hydrogel
- Understanding Bacteria-Materials Interactions by Surface Engineering
- 3D Bioprinting



Team Building



Research  
Poster  
Session



**Application Deadline-- February 15, 2015**

Interactive Biomaterials Program Directors:

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