

# INTEGRATED BIOENGINEERING RESEARCH, EDUCATION AND OUTREACH EXPERIENCES FOR FEMALES AND UNDERREPRESENTED MINORITIES AT WPI

Undergraduate Summer Research Program  
Sponsored by the National Science Foundation

June 2 to August 5, 2015

# WPI



**WORCESTER  
POLYTECHNIC  
INSTITUTE**

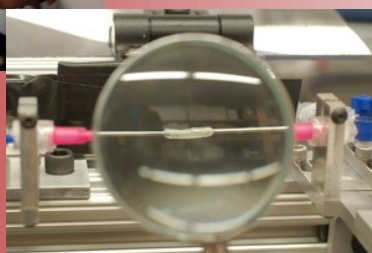
For more information and  
application materials, please visit

[wpi.edu/+bmeREU](http://wpi.edu/+bmeREU)

For other questions, contact:  
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**Tissue Engineering  
and Stem Cells**



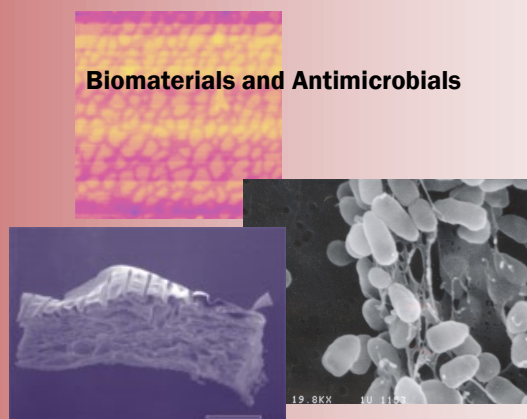
**Biomechanics**



**Outreach**



**Biomaterials and Antimicrobials**



## Bioengineering Research and Outreach at WPI

- A 9-week challenging and rewarding research experience in Bioengineering
- Participate in innovation and leadership training
- Mentor middle-school students in a one-week BME Innovation Camp
- Explore opportunities for graduate research and fellowships
- Receive a **\$4500 stipend**, housing, and funds for meals and travel
- Experience beautiful central Massachusetts
- June 2 to August 5, 2015

## Project Opportunities

- Stem cell differentiation and delivery
- Tissue engineering and regenerative medicine
- Biomaterials
- Bacterial adhesion
- Mechanobiology and bioreactors
- Developing engineered connective tissue
- Nano-technology
- Biophysics



## Your home for the summer

- Worcester is New England's second-largest city
- Home to 14 colleges and universities
- Filled with historical societies, museums, theaters and concert halls
- Ample outdoor activities on and around campus
- Less than 1 hr from Boston, Providence, Hartford, New Hampshire, Vermont

Women and minority students are strongly encouraged to apply

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