LABORATORY FOR
Computational
Sensing + Robotics
THE JOHNS HOPKINS UNIVERSITY

NSF

COMPUTER-INTEGRATED SURGICAL SYSTEMS AND TECHNOLOGY ERC/

LABORATORY FOR COMPUTATIONAL SENSING AND ROBOTICS

2012 RESEARCH EXPERIENCE FOR UNDERGRADUATES in

COMPUTATIONAL SENSING AND MEDICAL ROBOTICS

May 28-Aug 3,2012
Stipend: $4,500
Housing is provided.

Some of the Research Topics Include:

- ColorGlove for Visually Impaired
- Analysis of Cerebellar Shapes
- Image Segmentation
- Analysis of Diffusion Weighted Images
- Brain Machine Interface
- Smart Dexterous Hand Prosthesis

- Algorithms for Synergistic Object Recognition and Segmentation
- Image Processing Pipeline for Analysis of the Retina
- Shoe-Mounted Monitor for Cyclists
- Robotic System and Smart Instruments in Microsurgery

  And many more…….

APPLICATIONS DUE BY: February 1, 2012

To submit application visit: http://education.lcsr.jhu.edu/REU
Phone: (410) 516-6841/ E-mail: lakshima@jhu.edu

JOHNS HOPKINS
ENGINEERING