

# Biomedical Science & Engineering

## Spring 2011 Seminar Series

### How Worms Eat

**Aravinthian Samuel, Ph. D.**  
Physics, Harvard

January 21

### Neuroengineering: Molecular and Optical Axis of Control

**Feng Zhang, Ph. D.**  
Brain and Cognitive Sciences, MIT

February 18

### HSV Vectors for Cancer Therapy & Gene Delivery

**Samuel Rabkin, Ph. D.**  
Surgery, HMS

March 4

### Early Events in Cellular Reprogramming

**Alexander Meissner, Ph. D.**  
Stem Cell and Regenerative Biology, HSCI

April 29

### Transcription Factors, Nuclear Cofactors & Muscle Wasting

**Per-Olof Hasselgren, M. D., Ph. D.**  
Beth Israel Deaconess Medical Center

May 13

### Cryopreservation of Tissue-Engineered Constructs

**Jens Karlsson, Ph. D.**  
Mechanical Engineering, Villanova

May 20

### Polymers to Direct Cell Trafficking & Fate *in vivo*

**David J. Mooney, Ph. D.**  
SEAS, Harvard

June 3

### Targeting Mitochondrial Metabolism as a Cytoprotective Strategy

**Vamsi Mootha, M. D.**  
Systems Biology, HMS

June 24

LOCATION: 4th Floor Conference Room  
Shriners Burns Hospital, 51 Blossom Street, Boston

TIME: Fridays, 10:00 AM - 11:00 AM

Co-Sponsored by the Center for Engineering in  
Medicine and the Shriners Burns Hospital

For more information, please contact Ilana Reis at  
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