

2017 – 2018

Biomedical Engineering Seminar Series

An Interdisciplinary Program of Translational Biomedical Research

Wednesdays at 4:00pm, Laufer Center, Lecture Hall 101

September 13, 2017

The Cell's Bunsen Burner: How Transcriptional Fluctuations Regulate Fate

Leor Weinberger, PhD
Professor of Biochemistry and Biophysics
University of California, San Francisco CA

October 25, 2017

Molecularly Tunable Fluorescent Quantum Defects

Yuhuang Wang, PhD
Department of Chemistry and Biochemistry
University of Maryland, College Park, MA

November 15, 2017

Watching gene's activity in conscious rat brain

Zhicheng Lin, PhD
Director of Laboratory of Psychiatric Neurogenomics
Harvard Medical School, Mclean Hospital, Belmont MA

December 6, 2017

Multiscale and patient-specific blood systems biology

Scot Diamond, PhD
Arthur E. Humphrey Professor Chemical and Biomolecular Engineering (CBE), Bioengineering (BE)
University of Pennsylvania, Philadelphia PA

February 14, 2018

Light and Sound: Integrating Photonics with Ultrasonics for Biomedical Applications

Matthew O'Donnell, PhD
Professor of Bioengineering
University of Washington, Seattle WA

March 7, 2018

Optical Tools for Unraveling Whole-brain Neuronal Circuit Dynamics Underlying Behavior

Alipasha Vaziri, PhD
Associate Professor of Neurotechnology and Biophysics
Rockefeller University, New York NY

April 18, 2018

Single-cell functional proteomics: small devices for big impact

Rong Fan, PhD
Associate Professor of Biomedical Engineering
Yale School of Engineering & Applied Sciences, New Haven CT

April 25, 2018 - Ackerman Lecture

Searching for Novel Strategies to Enhance Bone Repair: Lessons Learned

Jay Lieberman, MD
Professor & Chair, Department of Orthopaedic Surgery, Keck School of Medicine
Director of the Institute of Orthopaedics, Keck Medical Center
University of Southern California, Los Angeles CA

