



Clinical & Translational Science Institute

Technology Wonders & Potential Biomedical Applications



**Boston University
Interdisciplinary
Biomedical Research Office
(IBRO)**

**-
Creating & Connecting
Research**

Presents

BU Technology Wonders: Potential Biomedical Applications

Date: March 28th, 2018

Time: 2:00 pm to 5:00 pm

Location: Room x714, Evans Biomedical Research Center, 650 Albany Street

Join us for an afternoon exploring new technologies developed by Boston University investigators from the Charles River and Medical Campuses.

Introductions



Gloria Waters,



John White,



Katya Ravid,

Vice President and
Associate Provost for
Research

Professor & Chairman,
Biomedical Engineering

Professor, Medicine and
Biochemistry,
Director, IBRO

<i>Speaker</i>	<i>Talk Title</i>
James Bird Mechanical Engineering, ENG	"Measuring and modeling bioaerosol transport"
Ji-Xin Cheng Electrical and Computer Engineering, ENG	"Seeing the unseen using molecular fingerprint signals"
Allison Dennis Biomedical Engineering, ENG	"Heavy metal-free quantum dots for biomedical imaging and biosensing"
Kamil Ekinci Mechanical Engineering, ENG	"Harnessing nanomechanical fluctuations of cells for drug susceptibility testing"
Mark Grinstaff Director, Nanotechnology Innovation Center at BU, ENG	"Mechanoresponsive Drug Delivery"
Ioannis Paschalidis Systems Engineering, Director, Center for Information and Systems Engineering, ENG	"Health Analytics for Personalized Predictions and Prescriptions"
Darren Roblyer Biomedical Engineering, ENG	"Diffuse Optics for Deep Tissue Functional Imaging"
Michelle Sander Engineering, ENG	"Infrared Laser Technology: Label-free Photothermal Imaging and Nerve Stimulation"
Selim Ünlü Electrical and Computer Engineering, ENG	"Interferometric Imaging: Detection and Visualization of Biological Nanoparticles and Digital Microarrays"
Joyce Wong Biomedical Engineering, Materials Science and Engineering, ENG	"Biomaterials to detect and treat disease"
Wilson Wong Biomedical Engineering, ENG	"Synthetic biology in cellular immunotherapy"
Muhammad Zaman Biomedical Engineering, ENG	"Saving lives through safer drugs"

The presentations will be followed by a *wine & cheese reception and networking* to explore mutual interests. We trust that this will prompt continued discussions among faculty to further consider application to the biomedical field.

Register ▶

Address inquiries to Dr. Katya Ravid via Robin MacDonald at: remac@bu.edu

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Accelerating Discoveries Towards Better Health

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