UK College of Engineering
Biomedical Research Day
Wednesday, March 25, 2015   Lexington Convention Center

Chair: David A. Puleo, PhD
Professor and Chair, Department of Biomedical Engineering
College of Engineering, University of Kentucky

1:30 - 2:30 pm: Keynote Address

“Engineering 3D Microenvironments for Regeneration”

Peter Ma, PhD
Richard H Kingery Endowed Collegiate Professor
Departments of Biologic and Materials Sciences (Dentistry),
Biomedical Engineering, and Materials Science and Engineering
University of Michigan

2:30 - 3:30 pm: Selected Research Presentations

“Selective Cellular Encapsulation for High Purity Cell Populations”
Brad Berron, PhD
Department of Chemical and Materials Engineering

“An Optical Intraocular Pressure Monitoring System for Improved Glaucoma
Management”
Todd Hastings, PhD
Department of Electrical and Computer Engineering

“Near-infrared Diffuse Optical Spectroscopy and Tomography of Deep Tissue
Hemodynamics and Metabolism”
Guoqiang Yu, PhD
Department of Biomedical Engineering

3:30 - 5:30 pm: Poster Session (including student poster competition)

In Conjunction with:
UK Center for Clinical and Translational Science
10th Annual Spring Conference