

	<b>Friday, July 31, 2015</b>
8:00 am	<b>Sign-in</b>
<b>Session 1</b>	<b>8:15 am- 10:30 am, Coverdell Auditorium</b>
8:15 am	Symposium Opening Remarks, Dean Donald J. Leo, College of Engineering
8:30 am	<b>Emily Tanasse</b> Design and Fabrication of a Microfluidic Device for Imaging Glioma Cell Invasion in Biomimetic Hydrogel Scaffolds, Boise State University Mentors: Dr. Lohitash Karumbaiah and Dr. Leidong Mao
8:45 am	<b>Elizabeth Gianino</b> , Assessing the Potential of Nitric Oxide Releasing Polymers for Bone Regeneration, Wake Forest University Mentors: Dr. Cheryl Gomillion and Dr. Hitesh Handa
9:00 am	<b>Nicole Gay</b> , Characterization of Nanoparticle-Membrane Interactions, University of Connecticut Mentors: Dr. Eric Freeman and Dr. Xianqiao Wang
9:15 am	<b>Matt Miller</b> , Development of Force and Imaging Sensors for Radiofrequency Ablation Therapy, University of California - Berkeley Mentors: Dr. Mable Fok and Dr. Zion Tse
9:30 am	<b>Mary Reeves</b> , Effects of the Growth of a Fetal Brain Tumor on the Cortical Folding Pattern, Clemson University Mentor: Dr. Xianqiao Wang and Dr. Tianming Liu
9:45 am	Break, Refreshments
10:00 am	<b>Nneoma Okonkwo</b> , Ferrohydrodynamic Separation of Circulating Tumor Cells, Massachusetts Institute of Technology Mentors: Dr. Leidong Mao and Dr. Carsten Schroeder
10:30 am	<b>Valerie Helms</b> , Effects of Nitric Oxide Releasing Polymers on Liver Cells, Wingate University Mentors: Dr. Hitesh Handa and Dr. William Kisaalita
10:45 am	<b>Jordanna Payne</b> , BMP-2 Production in Mesenchymal Stem Cells Transduced with both Control and BMP-2 Vectors, University of Nevada, Reno Mentors: Dr. Luke Mortensen and Dr. Steve Stice
11:00 am	<b>Ishmael Rogers</b> , 3D Printed Polymer Constructs for Osteochondral Tissue Regeneration, Atlanta Metropolitan State College Mentors: Dr. Jason Locklin and Dr. Cheryl Gomillion
11:15 am	Lunch
12:15 pm	<b>Courtney McClure</b> , Effect of GFP Expression on DiR Fluorescence and Cytotoxicity of iNSCs In Vitro, Delaware State University Mentor: Dr. Franklin West
12:30 pm	<b>Sam Arsenault</b> , The Effect of Cell-to-cell Signaling on the Biological Clock in Neurospora Crassa, University of Georgia Mentors: Dr. Jonathan Arnold, Dr. Leidong Mao, and Zhaojie Deng
12:45 pm	<b>Nicholas Winter</b> , Study of Nanostructured Materials Via Molecular Dynamics Simulations, University of Georgia Mentor: Dr. Xianqiao Wang
1:00 pm	<b>Stephanie Collins</b> , Development of Ocular Drug Delivery Micro Device, University of Georgia, B.S. in Biological Engineering Mentors: Dr. Ramana Pidaparti, Dr. Hitesh Handa, and Marcus Goudie
1:15 pm	Closing Remarks