



Biomaterials Day 2016 North Carolina A&T State University, Greensboro NC



Plenary Address

Dr. William R. Wagner is the Director of the McGowan Institute for Regenerative Medicine as well as a Professor of Surgery, Bioengineering and Chemical Engineering at the University of Pittsburgh. Dr. Wagner's research interests are generally in the area of cardiovascular engineering with projects that address medical device biocompatibility and design, tissue engineering, and targeted imaging.

Purpose of Biomaterials Day

The student chapter of North Carolina A&T State University's *Society For Biomaterials* is hosting Biomaterials Day 2016 as the Chapter's inaugural event on May 5th, from 8:30 am to 4 am in Fort-IRC 410. Biomaterials Day at NCAT is a one-day symposium consisting of a plenary address from Dr. William Wagner and speaker presentations from academia as well as industry representatives. Graduate and Undergraduate students from interdisciplinary majors will present their research in oral/poster format. *The objectives* of this SFB chapter is to enhance student interest in biomaterials and related disciplines, to promote advancement of biomaterials research and education and its related aspects, and to further the aims and objectives of the SFB as they relate to student research and education. Our theme for this year is: "*Innovative Processing of Biomaterials from Lab Bench to Industry and Entrepreneurship*".

Day: May 5th 2016

Time: 8:30 am to 4pm

Location: IRC 410



**Student Chapter of the
Society For Biomaterials
NCAT**

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Keynote Speakers



Dr. Jeffrey Macdonald is founder and scientific director of the new UNC Metabolomic and Flux Analysis facility and Co-scientific director of the NCSU marine MRI & Spectroscopy facility located at Morehead City, NC. Dr. Macdonald's research goal is to combine metabolomics and tissue engineering and apply these tools to quantitative biosystem analysis.

Dr. Ahmed El-Ghannam Associate Professor of Tissue Engineering and Biomaterials at Department of Mechanical Engineering and Engineering Science, University of North Carolina at Charlotte. His research interests include coating of metallic implants with SCPC bioactive ceramic, development of bioactive fixation devices and preservation of stem cells in resorbable bioactive scaffolds.