

Joint Department of
**BIOMEDICAL
ENGINEERING**



UNC
CHAPEL HILL

NC STATE
UNIVERSITY

B M E Seminar Series Presents

Presented		Fall 2022	
From	Date		
NCSU	Aug 26	Seth D. Goldstein, MD, MPhil , Pediatric General and Thoracic Surgeon Ann & Robert H. Lurie Children's Hospital of Chicago, Assistant Professor of Surgery Northwestern University Feinberg School of Medicine, Associate Program Director Pediatric Surgery Fellowship at Northwestern University McGaw Medical Center <i>"Premies and PHOSITAs: Biomedical Engineering in Pediatric Surgery"</i>	
UNC	Sept 2	Randy Trumbower, PT, PhD , Assistant Professor, Department of Physical Medicine & Rehabilitation, Harvard Medical School <i>"Acute Intermittent Hypoxia: A breath-taking therapy to boost motor function after spinal cord injury"</i>	
UNC	Sept 9	Moon Il Kim, PhD , Associate Professor, Department of BioNano Technology, Gachon University, Republic of Korea; Visiting Professor, Department of Biomedical Engineering, UNC Chapel Hill <i>"Novel nanozymes to replace natural enzyme in bioassays and beyond"</i>	
NCSU	Sept 16	Guillermo Ameer, Sc.D. , Daniel Hale Williams Professor of Biomedical Engineering & Surgery; Director, Center for Advanced Regenerative Engineering; Director, Regenerative Engineering Training Program, Northwestern University <i>"Regenerative Biomaterials: Enabling the Practice of Regenerative Medicine"</i>	
Virtual	Sept 23	Gordana Vunjak-Novakovic, PhD , University Professor, Mikati Foundation Professor of Biomedical Engineering and Medical Sciences, Columbia University <i>"Engineering Human Tissues for Medical Impact"</i>	
UNC	Sept 30	Karl Zelik, PhD , Associate Professor, Department of Mechanical Engineering, Vanderbilt University <i>"2 Lessons I Learned From Technology Translation That Enhanced Our University Research on Biomechanics and Wearable Devices (And Can For You Too)"</i>	
NCSU	Oct 7	Alice H. Huang, PhD , Associate Professor of Bioengineering (in Orthopedic Surgery), Irving Medical Center, Columbia University <i>"Development and Regeneration of Fibrous Connective Tissues"</i>	
NCSU	Oct 14	Rhima Coleman, PhD , Associate Professor, Department of Biomedical Engineering, Department of Mechanical Engineering, University of Michigan <i>"Regulation of Stem Cell Phenotype on Both Sides of the Cell Membrane"</i>	
No Seminar	Oct 21	No Seminar	
NCSU	Oct 28	L. Andrew Lyon, PhD , Founding Dean, Dale E. and Sarah Ann Fowler School of Engineering, Keck Center for Science and Engineering, Chapman University <i>"Understanding and exploiting ultra-soft colloids"</i>	
UNC	Nov 4	John Eisenbrey, PhD , Associate Professor, Department of Radiology, Thomas Jefferson University <i>"Recent advances in diagnostic and therapeutic contrast-enhanced ultrasound."</i>	
NCSU	Nov 11	Xiling Shen, PhD , Professor & Chief Scientific Officer, Terasaki Institute for Biomedical Innovation, Chief Executive Officer, Xilis Inc. <i>"Developing in silico, in vitro, and in vivo platforms for precision oncology"</i>	
UNC	Nov 18	Robert T. Tranquillo, PhD , Professor, Departments of Biomedical Engineering and Chemical Engineering & Materials Science, University of Minnesota <i>"Imagine Engineered Heart Valves that Grow"</i>	
No Seminar	Nov 25	No Seminar	