

Joint Department of
**BIOMEDICAL
 ENGINEERING**



UNC
 CHAPEL HILL

NC STATE
 UNIVERSITY

C o u l t e r S e m i n a r S e r i e s P r e s e n t s

Presented From	Date	
FALL 2017		
UNC	Aug 18	Tuo Jin, PhD , Professor, School of Pharmacy, Shanghai Jiao Tong University, China <i>"The Art of Chemistry in Delivering Biologic Medicines"</i> (Makeup seminar. Not required for BME 802 / BMME 890.)
UNC	Aug 25	Jesse Dean, PhD , Associate Professor, Division of Physical Therapy, Medical University of South Carolina <i>"A Biomechanics-Based Approach to Post-Stroke Gait Instability"</i>
NC State	Sept 1	Matthew DeWitt, PhD , Senior Exploratory R&D Engineer, Boston Scientific <i>"Novel Immunotherapy Approaches for the Treatment of Cancer: A Medical Device Perspective"</i>
UNC	Sept 8	Paul Yager, PhD , Professor, Department of Bioengineering, University of Washington <i>"Low-Cost Disposable Point-of-Care Bioanalytical Devices Based on Porous Materials for Detection of Pathogens"</i>
NC State	Sept 15	Milan Yager, MPA , Executive Director, American Institute for Medical and Biological Engineering <i>"The Science of Failed Public Policy"</i>
NC State	Sept 22	Zhen Gu, PhD , Associate Professor, Joint Department of Biomedical Engineering, University of North Carolina at Chapel Hill & NC State University <i>"Leverage Physiology for Bio-responsive Drug Delivery"</i>
	Sept 29	NO SEMINAR (BME Department Retreat at The Frontier)
	Oct 6	NO SEMINAR (NC State Fall Break)
UNC*	Oct 10 1:00 pm	Mingnan Chen, PhD , Assistant Professor, Dept of Pharmaceutics & Pharmaceutical Chemistry, Univ. of Utah <i>"Seizing Back the PD-1 Immune Checkpoint: Protein Engineering to Improve Immunotherapies for Cancer & Autoimmune Diseases"</i> *Presented from MacNider 150 and Broadcast to EBIII 4155. (Makeup seminar. Not required for BME 802 / BMME 890.)
NC State	Oct 13	Cara Stepp, PhD , Assistant Professor, Dept of Speech, Language, & Hearing Sciences, Boston University <i>"Not Just in Her Head: Is Sensorimotor Dysfunction Responsible for So-called 'Functional' Voice Disorders?"</i>
	Oct 20	NO SEMINAR (UNC Fall Break)
UNC	Oct 27	YongTae (Tony) Kim, PhD , Assistant Professor, George W. Woodruff School of Mechanical Engineering, Georgia Institute of Technology <i>"Engineered Microfluidic Systems for Accelerating the Clinical Translation of Nanomedicine"</i>
NC State	Nov 3	Antonios Mikos, PhD , Professor of Bioengineering, Chemical & Biomolecular Engineering, Department of Bioengineering, Rice University
UNC	Nov 10	Zong-Ming Li, PhD , Professor, Departments of Biomedical Engineering, Orthopaedic Surgery, and Physical Medicine & Rehabilitation, Cleveland Clinic
UNC	Nov 17	Sylvia Daunert, PhD , Professor and Lucille P. Markey Chair, Department of Biochemistry and Molecular Biology, University of Miami <i>"Simplicity is the Ultimate Form of Sophistication: Enabling Technologies for Sensing Challenges and Therapeutic Interventions"</i>
	Nov 24	NO SEMINAR (Thanksgiving Break)
NC State	Dec 1	Xiangrong Shen, PhD , Associate Professor, Department of Mechanical Engineering, University of Alabama <i>"A Multi-Modal Assistive Robotics Approach to Address Mobility Challenges"</i>
TBD	Dec 8	Undergraduate Research (Makeup seminar. Not required for BME 802 / BMME 890.)

Fridays from Noon to 1PM
 Beginning August 25

321 MacNider (UNC)
 4142 Engineering Building III (NC State)
 Videoconferenced to ECU