Joint Department of
BIOMEDICAL
ENGINEERING

B M E  S e m i n a r  S e r i e s  P r e s e n t s

Presented From Date

Spring 2022

Virtual (Webex) Jan 14 Jingjie Hu, PhD, Assistant Professor, Mechanical and Aerospace Engineering, North Carolina State University
“Mechanical Behavior of Biomedical and Biological Materials: From Breast Cancer Detection to Vascular Embolization”

No Seminar Jan 21 No Seminar, Cancelled due to likely unsafe travel conditions for the speaker due to winter weather.

UNC Jan 28 Sandra Schultz, PhD, Professor, Department of Kinesiology, University of North Carolina at Greensboro
“Sex Difference in Anterior Cruciate Ligament Morphology and Knee Joint Laxity: Implications for ACL Injury Risk and Prevention”

NC State Feb 4 Matthew Tresch, PhD, Professor & Chair, Department of Biomedical Engineering, Department of Physical Medicine and Rehabilitation, Northwestern University
“The Neural Control of Joint Integrity”

UNC Feb 11 Huang-Chiao (Joe) Huang, PhD, Assistant Professor, Fischell Department of Bioengineering, University of Maryland, College Park
“Photodynamic Therapy: An Enabling Technology to Improve Brain Drug Delivery and Tumor Control”

No Seminar Feb 18 No Seminar, BME Recruitment Day

UNC Feb 25 Trisha Kesar, PhD, Associate Professor, Division of Physical Therapy, Department of Rehabilitation Medicine, Emory University School of Medicine
“Neural and biomechanical correlates of post-stroke gait retraining”

NC State Mar 4 Bob Sainburg, PhD, Dorothy F. and J. Loyd Huck Distinguished Chair and Professor, Department of Kinesiology and Neurology, Director of the Center for Movement Science and Technology, Pennsylvania State University
“It’s the Wrong Hand! Why treat the good hand in Stroke Patients?”

TBA Mar 11 TBA

No Seminar Mar 18 No Seminar, Spring Break

UNC Mar 25 Gang Bao, PhD, Foyt Family Professor & Chair, Department of Bioengineering, Rice University
“Genome editing based approaches for treating human diseases”

TBA Apr 1 Gang Zheng/David Kaplan

No Seminar Apr 8 No Seminar, BME Retreat at North Carolina Biotechnology Center
(BME Retreat counts as a Makeup seminar for BME 802 / BMME 890.)

No Seminar Apr 15 No Seminar: Spring Holiday

TBA April 22 Kaushal Rege, PhD, Fulton Faculty Impact Professor, Chair of Biological Design Graduate Program, Graduate Faculty for Chemical Engineering, Biomedical Engineering, Biological Design Program, and School of Molecular Sciences, School for Engineering of Matter, Transport, and Energy, Arizona State University
“TBA”

NC State Apr 29/ May 5 Abrams Scholars Undergraduate Research

Attend virtually at: https://go.unc.edu/Pq73X