

Joint Department of
**BIOMEDICAL
 ENGINEERING**



UNC
 CHAPEL HILL

NC STATE
 UNIVERSITY

B M E Seminar Series Presents

Presented From	Date	Spring 2022
Virtual (Webex)	Jan 14	Jingjie Hu, PhD , Assistant Professor, Mechanical and Aerospace Engineering, North Carolina State University <i>"Mechanical Behavior of Biomedical and Biological Materials: From Breast Cancer Detection to Vascular Embolization"</i>
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 <i>"Sex Difference in Anterior Cruciate Ligament Morphology and Knee Joint Laxity: Implications for ACL Injury Risk and Prevention"</i>
NC State	Feb 4	Matthew Tresch, PhD , Professor & Chair, Department of Biomedical Engineering, Department of Physical Medicine and Rehabilitation, Northwestern University <i>"The Neural Control of Joint Integrity"</i>
UNC	Feb 11	Huang-Chiao (Joe) Huang, PhD , Assistant Professor, Fischell Department of Bioengineering, University of Maryland, College Park <i>"Photodynamic Therapy: An Enabling Technology to Improve Brain Drug Delivery and Tumor Control"</i>
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 <i>"Neural and biomechanical correlates of post-stroke gait retraining"</i>
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 <i>"It's the Wrong Hand!" Why treat the good hand in Stroke Patients?"</i>
Virtual (Webex)	Mar 11	Tim Martin, M.S. , Senior Licensing Associate, Office of Research Commercialization, North Carolina State University <i>"Startups, Tech Commercialization and BME"</i>
No Seminar	Mar 18	No Seminar , Spring Break
UNC	Mar 25	Gang Bao, PhD , Foyt Family Professor & Chair, Department of Bioengineering, Rice University <i>"Genome editing based approaches for treating human diseases"</i>
UNC	Apr 1	Joe Hart, PhD, ATC , Professor and Vice Chair for Research, Department of Orthopaedic Surgery, University of North Carolina at Chapel Hill <i>"Clinician-Engineer partnerships to advance Musculoskeletal health in the physically active"</i>
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
UNC	April 22	Kaushal Rege, PhD , Fulton Faculty Impact Professor, Chair, Biological Design Graduate Program, Graduate Faculty, Chemical Engineering, Harrington Biomedical Engineering, Biological Design, Materials Science and Engineering, and School of Molecular Sciences, Arizona State University <i>"Biomaterials for photothermal tissue repair and healing"</i>
NC State	Apr 29/ May 6	Abrams Scholars Undergraduate Research