

Joint Department of
**BIOMEDICAL
 ENGINEERING**



UNC
 CHAPEL HILL

NC STATE
 UNIVERSITY

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

Spring 2021

Date	
Jan 22	Adriana San Miguel, PhD , Assistant Professor, Department of Chemical and Biomolecular Engineering, North Carolina State University <i>"Deep phenotyping reveals regulators and outcomes of aging and stress in C. elegans"</i>
Jan 29	Ralf Jungmann, PhD , Group Leader, Max Planck Institute of Biochemistry, Ludwig Maximilian University of Munich <i>"DNA-based super-resolution microscopy"</i>
Feb 5	Cole A. DeForest, PhD , Weyerhaeuser Endowed Associate Professor, Chemical Engineering, University of Washington <i>"User-Programmable Hydrogel Biomaterials to Probe and Direct 4D Stem Cell Fate"</i>
Feb 12	Vivian Mushahwar, PhD , Professor, Division of Physical Medicine & Rehabilitation, University of Alberta <i>"TBD"</i>
Feb 19	Yoav Shechtman, PhD , Assistant Professor, Biomedical Engineering, Technion-Israel Institute of Technology <i>"Next generation localization microscopy - or - how and why to ruin a perfectly good microscope."</i>
Feb 26	Lola Eniola-Adefeso, PhD , University Diversity & Social Transformation Professor of Chemical Engineering and Biomedical Engineering, Miller Faculty Scholar, Vice Chair for Graduate Education in Chemical Engineering, University of Michigan-Ann Arbor <i>"Understanding Cellular-Particle Interactions in Blood: Implications for Vascular-Target Drug Carrier Design"</i>
Mar 5	Lucas Scholars Presentations , Undergraduate Research in Biomedical Engineering, Presentations by: Elizabeth Stanley (Mentor: Imran Rizvi), Truc Tran (Mentor: Koji Sode), and Maggie Wagner (Mentor: Jason Franz) <i>(Makeup seminar. Not required for BME 802 / BMME 890.)</i>
Mar 12	Ameya Kirtane, PhD , Instructor in Medicine, Brigham and Women's Hospital, Harvard Medical School <i>"Pushing the Limits of Oral Drug Delivery Systems"</i> <i>(Makeup seminar. Not required for BME 802 / BMME 890.)</i>
Mar 19	Steven Caliari, PhD , Assistant Professor, Chemical and Biomedical Engineering, University of Virginia <i>"Instructive biomaterials for skeletal muscle tissue engineering"</i>
Mar 26	Lesley W. Chow, PhD , Assistant Professor, Bioengineering, Materials Science & Engineering, Lehigh University <i>"Spatially Functionalized Biomaterials to Direct Tissue Regeneration"</i>
Apr 2	No Seminar , UNC Holiday
Apr 9	Jamal Lewis, PhD , Assistant Professor, Biomedical Engineering, University of California, Davis <i>"TBD"</i>
Apr 16	Wilbur Lam, MD, PhD , Associate Professor, Wallace H. Coulter Department of Biomedical Engineering, Georgia Institute of Technology and Emory University <i>"TBD"</i>
Apr 23	Maryam Shanechi, PhD , Assistant Professor & Viterbi Early Career Chair, Ming Hsieh Department of Electrical and Computer Engineering – Systems, University of Southern California <i>"TBD"</i>
Apr 30	Laura Hansen, PhD , Assistant Professor, Department of Medicine, Emory University School of Medicine <i>"TBD"</i>

**Fridays from Noon to 1 PM
 Beginning January 22**

**All seminars will be virtual
 Register at: <https://go.unc.edu/j5W3E>**