

BME Department Head Search Seminar

“Bioinspired Materials and Structures for Tissue Engineering”



SYAM P. NUKAVARAPU, PhD.

Castleman Professor of Engineering Innovation and Interim BME Department Head

University of Connecticut, Storrs, CT

Thursday February 15, 2024 9:30am-10:40am in Bron320

If you are unable to attend in person you can join remotely:

WebEx: <http://s.uconn.edu/bron320webex>



Biosketch: Dr. Nukavarapu is the Castleman Professor of Engineering Innovation and Interim Head of the Biomedical Engineering (BME) department at the University of Connecticut (UConn), with secondary appointments in the departments of Material Science and Engineering (UConn) and Orthopedic Surgery (UConn HEALTH). Dr. Nukavarapu leads a multi-disciplinary research program funded by the NIH, NSF, and other funding agencies in the areas of biomaterials, tissue interface repair, and tissue regeneration, with focus on cell-biomaterial interactions, force-driven cell programming, and chemotaxis in tissue engineered grafts. Dr. Nukavarapu’s research has resulted in more than 90 peer-reviewed publications and book chapters, 4 patents, two co-edited books in Tissue Engineering, and a special issue on the Future of Biomaterials, and has been featured on multiple covers for field journals and highlighted by the NSF, ScienceDaily, and R&D Magazine. Dr. Nukavarapu has received the AO Foundation Young Investigator Award, the Musculoskeletal Transplant Foundation Junior Investigator Award, the UConn AAUP Excellence Award, and the UConn College of Engineering Distinguished Engineering Educator Award, and has been recognized for Excellence and Service by the Connecticut General Assembly. A member of the CT Academy of Science and Engineering, Dr. Nukavarapu currently serves on the editorial board for multiple journals, including Bioactive Materials, Frontiers in Bioengineering and Biotechnology, Biomedical Materials, Tissue Engineering, and Biomaterials.