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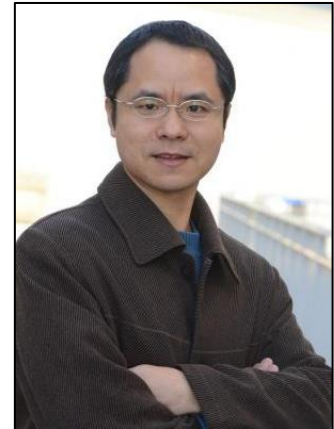
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MSEC SEMINAR AND COMMERCIALIZATION FORUM



INVITED SPEAKER:

DR. LIANG TANG
ASSOCIATE PROFESSOR
DEPARTMENT OF BIOMEDICAL ENGINEERING,
UNIVERSITY OF TEXAS AT SAN ANTONIO



“IMPROVING OPTICAL BIOSENSOR PERFORMANCE USING
ORGANIZED ASSEMBLY OF GOLD NANOPARTICLES”

October 8th, 2021
1:30 – 2:30 PM (CST)

Biography:

Liang Tang is Associate Professor in the Department of Biomedical Engineering at UTSA. He holds a Ph.D. degree in Chemical Engineering from University of Louisville, USA in 2005. He finished his postdoctoral training in Biomedical Engineering/Cardiology at the Cedars-Sinai Medical Center, University of California at Los Angeles (UCLA) and Indiana University School of Medicine in 2008. Since then, Dr. Tang joined as a faculty in Biomedical Engineering Department at University of Texas at San Antonio, USA. His “Nanosensor and Nanomedicine” research laboratory is focused on the applications of various multi-functional nanoparticles (e.g., gold

FOR MORE INFORMATION OR IF YOU WOULD LIKE TO MEET THE SPEAKER ONE-ON-ONE,
PLEASE CONTACT DR. SHANNON WEIGUM AT SWEIGUM@TXSTATE.EDU

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and magnetic NPs) in a wide spectrum of biomedical research from rapid medical diagnostics to gene therapy. The research projects are funded by federal agencies including National Institutes of Health (NIH) and US Department of Agriculture (USDA).

Dr. Tang has authored over 50 peer-reviewed journal publications, proceedings, book chapters, and approximately 200 presentations at international/national conferences. He has received numerous awards including the “Duane F. Bruley” award from International Society on Oxygen Transport to Tissue (Italy, 2004) and “Biosensor and Bioelectronics” award from Biosensor and Bioelectronics (Australia, 2014). He actively serves as critical reviewers for dozens of scientific journals including Analytical Chemistry and Advanced Materials and as grant panelist for NSF, NIH and AHA.

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