

Research Centers in Minority Institutions (UTSA)
Institute for Integration of Medicine and Science (UTHSCSA)
Cancer Therapy & Research Center (UTHSCSA) &
UTSA-UTHSCSA Joint Graduate Program in Biomedical Engineering
invite you to attend

Seminars in Translational Research

"Building the Capacity for Translational Research"

Kelly L. Nash, PhD

Associate Professor and Chair of Doctoral Studies Committee
Department of Physics and Astronomy
University of Texas at San Antonio

Nano-Bio Interfaces: From Therapeutics to Remote Transducers

Over the last few decades, nanomaterials have been developed and studied for their fundamental physio-chemo properties. Based on our increased understanding of nanomaterials, researchers have been developing these materials into “nanotools” for both basic research and clinical applications. However, the greatest challenges that researchers face in interfacing nanomaterials with biological systems is developing scalable, biocompatible, green synthesis methods for the materials. In this talk we will discuss biological “friendly” synthesis methods and the applications of various types of nanomaterials including combined effects of nanoparticles and electromagnetics toward the development of remote transducers for control in biological systems as well as understanding therapeutic aspects of nanomaterials.

Friday, March 24, 2017

9:00 — 10:00 AM

Biotechnology, Sciences & Engineering Bldg. Room 3.106

For more information contact Cindy Russel, Institute for Integration of Medicine and Science
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 **UT Health**
San Antonio
Institute for Integration
of Medicine & Science