

**Research Centers in Minority Institutions (UTSA)
Institute for Integration of Medicine & Science (UTHSA) &
UTSA-UTHSA Joint Graduate Program in Biomedical Engineering
invite you to attend**

Seminars in Translational Research

"Building the Capacity for Translational Research"

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Medical Director, Medical Intensive Care Unit
South Texas Veterans Health Care System
Audie L. Murphy Division



Translational Science in Cardiovascular Complications Secondary to Pneumonia

Community-acquired pneumonia is an important cause of death due to infection around the globe. Up to one third of patients hospitalized for pneumonia develop cardiovascular complications. Cardiac complications result from complex interactions between preexisting conditions, relative ischemia, upregulation of the sympathetic system, systemic inflammation and direct pathogen-mediated damage to the cardiovascular system. The exact mechanisms underlying the direct host-pathogen interactions are of great interest to identify potential therapeutic and preventative targets for CAP. In this presentation, we will review the evidence of pathogen-driven cardiovascular damage affecting patients with pneumonia.

Friday, February 16, 2018

9:00—10:00 A.M.

**The UT Health San Antonio
Greehey Children's Cancer Research Institute
Room 2.160**

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