

2017-2018 Academic Year

Fall 2017

Catch up on seminars you missed! Starting in November 2017 the CRS began recording and posting CTRF Seminars on YouTube.

Date	Seminar
September 13	The Aging Brain: Role of Cardiovascular Function and Fitness Takashi Tarumi, PhD, MA Institute for Exercise and Environmental Medicine, Department of Neurology and Neurotherapeutics, University of Texas Southwestern Medical Center <i>Hosted by Matt Brothers</i>
September 20	Benefits of Prenatal Physical Activity on Physical and Cognitive Health John Biggan, PhD Postdoctoral Fellow, Beckman Institute, University of Illinois <i>Hosted by Tyler Garner</i>
September 27	Overview of the UTA Research Institute (UTARI) Eileen Clements, PhD Director of Research, University of Texas at Arlington Research Institute <i>Hosted by Paul Fadel</i>
October 4	The following talk was held in the Lone Star Auditorium of the Maverick Activity Center, and was part of the ACSM Lecture series: Force, Motion, Speed: The Mechanical Basis of Running Performance Peter Weyand, PhD Glenn Simmons Professor of Applied Physiology and Biomechanics, Director, Locomotor Performance Laboratory, Department of Applied Physiology and Wellness, Southern Methodist University <i>Hosted by David Keller</i>
October 11	Sleep Insufficiency and Cardiovascular Risk in Humans Jason Carter, PhD Department Chair and Professor, Kinesiology and Integrative Physiology, Michigan Technological University <i>Hosted by David Keller</i>
October 18	Nanofiber Scaffold Modified with Mesenchymal Stem Cells to Repair of Damaged Cardiac Tissue After Myocardial Infarction Arun Kumar, PhD Associate Professor and Program Director, Biotechnology, Department of Medical Laboratory Sciences and Biotechnology, Thomas Jefferson University <i>Hosted by Rhonda Prisby</i>
October 25	Mechanisms That Drive Chronic Pain and the Potential Protective Effects of Myokines Theodore "Ted" Price, PhD Associate Professor, Program Head, Neuroscience BS, UT Dallas School of Behavioral

Date	Seminar
	and Brain Sciences <i>Hosted by Mark Haykowsky</i>
November 1	The following talk was held in Pickard Hall, Room 212, and was part of Maverick Public Health Month: Eliminating Mental Health Disparities Through a Culturally and Linguistically, Patient-Centered, Integrated Health Care Approach Katherine Sanchez, LCSW, PhD Associate Professor, School of Social Work, UTA
November 8	Redox Signaling in the Brain and Antioxidant-Based Therapeutics: Consequences for Hypertension Matthew Zimmerman, PhD Associate Professor & Vice Chair, and Director of the Integrative Physiology and Molecular Doctoral Program, University of Nebraska Medical Center <i>Hosted by Paul Fadel</i>
November 15	Regulation on Membrane Repair in Skeletal and Cardiac Muscle Diseases Noah Weisleder, PhD Associate Professor, SBS-Physiology & Cell Biology, Department of Biomedical Engineering, Ohio State University <i>Hosted by Marco Brotto</i> Video on YouTube
November 22	<i>No Seminar - Enjoy Your Thanksgiving Holiday Break!</i>
November 30	How the Nurse Work Environment Influences Hospital Processes and Outcomes Jessica Smith, PhD Postdoctoral Fellow, Penn Nursing Science Center, University of Pennsylvania School of Nursing <i>Hosted by Anne Bavier</i> Video on YouTube
December 6 <i>(final seminar for Fall 2017)</i>	Soft Robotics for Preventative and Rehabilitation Care Muthu Wijesundara, PhD Principal Research Scientist, Head of Biomedical Technology Division, University of Texas at Arlington Research Institute (UTARI) Video on YouTube

**Clinical Translational Research Forum
Fall 2017 Seminars**

Spring 2018

Date	Seminar
January 17	<p>Mitochondria-Mediated Multi-Organ Crosstalk in ALS Jingsong Zhou, PhD Professor Of Physiology, Kansas City University Of Medicine And Biosciences <i>Hosted By Zui Pan</i></p>
January 24	<p>Investigating Coordination Impairments to Advance The Treatment of Mobility Limitations Eric G. James, PhD Associate Professor, Department Of Physical Medicine & Rehabilitation, UTSWMC <i>Hosted by Matt Brothers</i> Video on YouTube</p>
January 31	<p>Integrative Immunology and Cardiovascular Aging Daniel Trott, PhD Assistant Professor, Department Of Kinesiology, UTA <i>Hosted by David Keller</i> Video on YouTube</p>
February 07	<p>Updates in Heart Failure With Preserved Ejection Fraction Barry Borlaug, MD, FACC Professor Of Medicine, Consultant And Chair For Research: Division Of Circulatory Failure, Department Of Cardiovascular Medicine, Mayo Clinic <i>Hosted by Mark Haykowsky</i> Video on YouTube</p>
February 14	<p><i>No Seminar - Happy Valentine's Day!</i></p>
February 21	<p>The Human Factors Analysis Classification System (HFACS): A Robust Approach to Root Cause Analysis Thomas Diller, MD, MMM Executive Director And Associate Professor, Institute For Patient Safety, UNTHSC <i>Hosted by Yan Xiao</i> Video on YouTube</p>
February 28	<p>A Nurse Scientist Program of Research: From Myogenesis to Falls in Older Adults Marco Brotto, BSN, MS, PhD George & Mary Hazel Jay Endowed Professor; Director, Bone-Muscle Collaborative Sciences; Director, PhD In Nursing Program, UTA <i>Hosted by Paul Fadel</i> Video on YouTube</p>
March 07	<p>Blood Pressure And Cerebral Blood Flow Variability: Friend Or Foe? Caroline Rickards, PhD Assistant Professor, Physiology And Anatomy, UNTHSC Video on YouTube</p>
March 14	<p><i>No Seminar - Enjoy your Spring Break!</i></p>
March 21	<p>Metabolomic Investigation Of Energy Dysregulation In Cancer Cachexia Thomas M. O'connell, PhD</p>

Date	Seminar
	Associate Professor, Department Of Otolaryngology, Head & Neck Surgery Center For Cachexia Research Innovation And Therapy, Indiana University School Of Medicine <i>Hosted by Marco Brotto</i>
March 28	The following talk was held in the Lone Star Auditorium of the Maverick Activity Center, and was part of the Texas ACSM Lecture series: Regulation Of Skeletal Muscle Blood Flow During Exercise in Aging Humans Frank Dinenzo, PhD Professor, Director, Human Cardiovascular Physiology Lab , College Of Health & Human Sciences, Colorado State University <i>Hosted by Matt Brothers</i>
April 04	The Modulatory Influence Of Exercise On Vascular Aging: Time For The Sex Talk Kerrie Moreau, PhD Associate Professor, Division Of Geriatrics, University Of Colorado, Anschutz Medical Campus <i>Hosted by Mike Nelson</i>
April 11	Effects Of Diabetes On Blood Pressure Responses During Exercise Audrey J. Stone, PhD Assistant Professor, Department Of Kinesiology And Health Education, The University of Texas at Austin <i>Hosted by Paul Fadel</i>
April 18	Mixed Reality Based Manned-Unmanned Teaming Aditya Narayan Das, PhD Adjunct Professor; Lead, Automation And Intelligent Systems Division, UTA Research Institute (UTARI) <i>Hosted by Paul Fadel</i>
April 25	<i>No Seminar - Finish your semester strong!</i>
May 02 <i>(final seminar for Spring 2018)</i>	Revealing Hemodynamic Response and Dynamic Changes in Functional Cortical Networks Using Functional Near-Infrared Spectroscopy (FNIRS) Georgios Alexandrakis, PhD Associate Professor, Department Of Bioengineering, UTA <i>Hosted by Paul Fadel</i>