



TEXAS TECH UNIVERSITY®

Obesity Research Cluster

3rd Annual Meeting &

Poster Competition

May 11th, 2016

**Sponsored by the President's Tier 2 Cluster Hire,
College of Human Sciences, and Office of the
Vice President for Research.**

Poster competition sponsor: VWR

SCHEDULE

Room 169 & Canyon Room, College of Human Sciences

4:00pm

Welcome

Naima Moustaid-Moussa

4:05pm

ORC Update

Naima Moustaid-Moussa

4:20-5:30pm

Faculty (2 Minute) Presentations

5:30-5:50pm

Networking Activity

Debra Reed

5:50-6:00pm

Networking Activity Report & Closing

Debra Reed and Naima Moustaid-Moussa

6:00-6:30pm

Poster Presentations & Judging

6:00-8:00pm

General Poster Session & Reception

NOTES

Obesity Research Cluster

Thank you for participating in the ORC 2016.

Watch for us next year

We always need our great faculty, student and postdoc presenters

We appreciate your support.

ORC TTU Team

Naima Moustaid-Moussa

Debra Reed

Oak Hee Park

Kay Tindle

Mindali Dean

FACULTY PRESENTATIONS

Naima Moustaid-Moussa, NS/COHS

Susan San-Francisco, CBG/TTU

John Dawson, NS/COHS & CBG/TTU

Michael O'Boyle, HDFS/COHS

Mathew Grisham, Imm Mol Micro/TTUHSC

Sharma S Prabhakar, Int Med/TTUHSC

Debra Reed, NS/COHS

Siva Vanapalli, ChemE/CoEng

Michael Ballou, AFS/CASNR

Lisa Gittner, PolSci/TTU & PH/SBS/TTUHSC

Nikhil Dhurandhar, NS/COHS

Jannette Dufour, Cell Bio Biochem/TTUHSC

Shu Wang, NS/COHS

Mary Murimi, NS/COHS

Hanna Moussa, MechE/CoEng

Shaikh Rahman, NS/COHS

Chwan-Li (Leslie) Shen, Pathol/TTUHSC

Latha Ramalingam, NS/COHS

Rohan Dassanayake (for N. Abidi), FBRI/PSS

Lauren Gollahon, BioSci/CAS

Jennifer Vanos, GeoS & Climate Ctr

Wei Li, ChemE/CoEng

Conrad Lyford, AAE/CASNR

POSTER PRESENTERS

Title

Soni Khandelwal	In vitro Generation of Superoxide by Selenofolate in MDA-MB-468 Breast Cancer Cells
Jennifer E. Hewitt	NemaFlex: A microfluidic tool for phenotyping (neuro) muscular strength in <i>C. elegans</i>
Seth Selorm Klobodu	A Descriptive Study of the Vital Health Indicators of Four Sub-Saharan African Countries, 1960-2012
Mizanur Rahman	A microfluidic platform for parallelized aging and healthspan investigations in <i>C. elegans</i>
Kembra D. Albracht-Schulte	Metabolic Changes Underlying Interactions Between Obesity and Non-Alcoholic Fatty Liver Disease in South Asian Adults
Mandana Pahlavani	Transcriptomic and MicroRNA Analyses Identify Gene Networks Regulated by Eicosapentaenoic Acid in Brown Adipose Tissue from Diet-Induced Obese Mice
S. Liyanage	Could FTIR Imaging be used to Detect Lipid Accumulation in Adipose Tissues?
Maliha Tabassum Munir	Vitamin D reverses glucose metabolism by regulating mammalian target of rapamycin (mTOR) in breast cancer cells

Nadeeja N Wijayatunga	Adipose Depot-Specific Differences in Transcriptome and MicroRNA Expression in High Fat Diet Induced Obese Mice
MD Khurshidul Zahid	Loss of C/EBP β attenuates atherogenic lipid mediated induction of ER stress and apoptosis but increases autophagy activity
Al Rashid	Radiation Dose Using a New Geometry of Women's Breast for Mammogram X-Ray Exposure
Kandis Wright	Xenotransplanted Sertoli Cells Inhibit both Alternative and Classical Pathways of Complement Mediated Cell Lysis
Yujiao Zu	The physical stability comparison of two types of resveratrol nanocarriers
Abu BAZ	Self-reported barriers to adapting contextualized nutrition education messages targeted at preventing iron deficiency among mothers and their young children in Ghana
Jie Liu	The characteristics and stability of T090317 nanovesicles
Kalhara Menikdewella	Tocotrienol dose-dependently improves adiposity and inflammation and increased markers of lipid oxidation in high fat fed mice

POSTER ABSTRACTS

