



AGENDA: ORI 9th Annual Meeting – One Health: Metabolic Health

May 1st, 10:00 a.m.-5:00 p.m. | Academic Event Center | TTUHSC, Lubbock

10:00-10:20 a.m. – ORI Welcome Remarks

Naïma Moustaid-Moussa, Ph.D., FTOS, FAHA, Director of ORI, TTU

Jannette M. Dufour, Ph.D., Associate Director of ORI, TTUHSC

Chancellor Tedd L. Mitchell, M.D., TTUS

Joseph A. Heppert, Ph.D., Vice President for Research & Innovation, TTU

Lance McMahon, Ph.D., Senior Vice President for Research & Innovation, TTUHSC

Deborah J. Clegg, Ph.D., Vice President for Office of Research, TTUHSC El Paso

10:20-10:25 a.m. – Updates on the Institute for One Health Innovation

Lance McMahon, Ph.D., Senior Vice President for Research & Innovation, TTUHSC

10:25-10:30 a.m. – Updates on TUF Funding

Joseph A. Heppert, Ph.D., Vice President for Research & Innovation, TTU

10:30-11:10 a.m. – Keynote Speakers

Holly Wei, Ph.D., RN, CPN, NEA-BC, FAAN, Dean and Professor, School of Nursing, TTUHSC

“Using One Health Approach to Address Rural Health Challenges in West Texas”

Adrian Billings, M.D., Ph.D., FAAFP, Associate Academic Dean, Rural and Community Engagement

Division, Family Medicine, TTUHSC Permian Basin

“Rural Health Care and Education: Investment Needed”

11:10-11:25 a.m. – Q&A

11:25 a.m. - 12:20 p.m. – Student/Postdoc Poster Competition

12:20 - 1:00 p.m. – Lunch and Networking

1:00 - 1:35 p.m. – Databases/Big Data

Chip Shaw, Ed.D., MPH – TTUHSC

Executive Director, Clinical Research Data Warehouse

“Introduction to the NIH All of Us Research Data”

Dawei Li, Ph.D. – TTUHSC

Associate Professor, Immunology & Molecular Microbiology

“Viral sequence detection in genomic sequencing data”

Julie St. John, DrPH, MPH, MA, CHWI - TTUHSC

Associate Professor, Julia Jones Matthews School of Population and Public Health

“Engaging community in research”

Mandana Pahlavani, Ph.D. – Texas Woman's University & UT Southwestern Medical Center

Assistant Professor, Nutrition and Food Sciences & Adjunct Assistant Professor, Internal Medicine

“Extreme high Cholesterol Efflux is Linked to Anti-Inflammatory and Anti-Oxidative Functions of HDL than Extreme low Cholesterol Efflux”

Caleb Phillips, Ph.D. – TTU

Curator of Genetic Resources, Natural Science Research Laboratory, Museum of TTU and Associate Professor, Biological Sciences

“The integration of microbiomes and host genomics in infectious disease”

1:35-1:40 p.m. – Q&A



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1:40-2:15 p.m. – Faculty Short Talks

T. Annelise Nguyen, Ph.D. – TTU School of Veterinary Medicine
Professor of Toxicology and Associate Dean for Research

“Overview of One Health Sciences Ph.D. Program”

Heidi Villalba, Ph.D. – TTU School of Veterinary Medicine

Assistant Professor of Neurophysiology/Pharmaceutical Science

“Sex differences in preclinical models of ischemic stroke and repurposing drugs”

Carolyn E. Arnold, DVM, Ph.D., DACVS – TTU School of Veterinary Medicine

Professor, Large Animal Surgery

“The effect of antibiotics on the equine hindgut microbiome”

Kalavathy Rajan, Ph.D. – TTU

Assistant Professor, Fiber and Biopolymer Research Institute

“Establishing an agro-based bioeconomy in the South High Plains”

Lindsey C. Slaughter, Ph.D. – TTU

Associate Professor, Soil Microbial Ecology/Biochemistry

“Enhancing soil ecology and plant-microbe-soil interactions for healthy soils, plants, and people in semi-arid ecosystems”

Zemfira Karamysheva, Ph.D. – TTUHSC

Associate Professor, Biological Sciences

“mRNA translation regulation in health and disease”

2:15-2:30 p.m. – Q&A session & Coffee Break

2:30-3:55 p.m. – Funding and Research Initiative Highlights

2:30-2:50 – ARPA-H

Carleigh Smith – TTUHSC

Senior Director, Division of Research Innovation, Collaboration, and Entrepreneurship

2:50-2:55 – TUF Microbiome

Naïma Moustaid-Moussa, Ph.D., FTOS, FAHA – TTU

Director of ORI

2:55-3:05 – Food is Medicine

Christine D. Garner, Ph.D., RD, CLC – TTUHSC

Assistant Vice President of Research, Assistant Professor, Principal Investigator for VIBRANT MOMS, Obstetrics and Gynecology, InfantRisk Center

Rama Chemitiganti, M.D. – TTUHSC Permian Basin

Director, Center of Excellence for Diabetes and Endocrinology, ECHD Endowed Chair, Internal Medicine



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3:05-3:20 – Sorghum: One Health Food System

Yinping Jiao, Ph.D. – TTU

Assistant Professor, Institute of Genomics for Crop Abiotic Stress Tolerance, Plant and Soil Science

Jannette M. Dufour, Ph.D. – TTUHSC

Associate Director of ORI

Oak Hee Park, Ph.D. – TTU

Research Assistant Professor & Adjunct Assistant Professor & Graduate Faculty, Human Sciences & Nutritional Sciences

3:20-3:30 – All of Us Research

Anna M. Eiring, Ph.D. – TTUHSC El Paso

Assistant Professor, Center of Emphasis in Cancer, Molecular and Translational Medicine, Paul L. Foster School of Medicine

3:30-3:55 – Open Discussion

3:55-4:00 p.m. – Awards announcements

4:00-5:00 p.m. – Student/Postdoc Professional Development Session- Academic/Government Opportunities

Paule Valery Joseph, CRNP, Ph.D.

Chief, Tenure-Track Investigator, Section of Sensory Science and Metabolism (SenSMet)
Division of Intramural Clinical and Biological Research (DICBR)
National Institute of Alcohol Abuse and Alcoholism, Bethesda, MD

Kate J. Larson, Ph.D.

USDA ARS Research Leader, Retired
Affiliate Graduate Faculty, Human Nutrition, Food and Animal Sciences, College of Tropical Agriculture and Human Resources, University of Hawai'i at Mānoa

Brandt L. Schneider, Ph.D. – TTUHSC

Dean of Graduate School of Biomedical Sciences
Professor, Medical Education and Cell Biology and Biochemistry

5:00 p.m. – Adjourn