

PRESENTATION SCHEDULES

WEDNESDAY, MARCH 26, 2025

FACULTY PRESENTATIONS

ORAL PRESENTATIONS - RSP 163

003-FAC	1:00 PM	ULTRAVIOLET C (UV-C) - NOVEL APPROACH FOR MITIGATING AIRBORNE RISK IN FOOD PROCESSING FACILITIES Dr. Housyn Mahmoud, Agribusiness and Education, College of Agriculture. Dr. Ankit Patras, Agricultural Sciences and Environmental, College of Agriculture. Dr. Mohammad Sadekuzzaman, Agricultural Sciences and Environmental, College of Agriculture.
004-FAC	1:15 PM	PROTOCOL DEVELOPMENT TO SCREEN AN FDA APPROVED DRUG LIBRARY FOR CARDIAC TISSUE REGENERATION Dr. Jerel Crew, Biological Sciences, College of Life and Physical Sciences.
007-FAC	1:30 PM	INCORPORATING THE ARRIGHI C2 A.I. SPECTRUM FOR TEACHER Dr. Nicole Arrighi, Teaching and Learning, College of Education.
008-FAC	1:45 PM	SPECIFYING PHYSICAL PROPERTIES FOR FREE FLOATING SPACELIFE Dr. Geoffrey Burks, Physics and Mathematics, College of Life and Physical Sciences.
009-FAC	2:00 PM	URBAN AIR MOBILITY DYNAMIC SIMULATION MODEL Mr Amer Ibrahim, Mechanical and Manufacturing Engineering, College of Engineering Technology and Computer Science.
010-FAC	2:15 PM	GRAIN AMARANTH YIELD POTENTIAL FOR A NEW TSU VARIETY Dr. Svitlana Lymanska, Agricultural Sciences and Engineering, College of Agriculture. Mr. Ethan Denson, Agricultural Sciences and Environmental, College of Agriculture. Dr. Matthew Blair, Agricultural Sciences and Environmental, College of Agriculture.
016-FAC	2:30 PM	BUILDING A SUSTAINABLE AND EQUITABLE STEM ECOSYSTEM: A TRANSFERABLE MODEL FOR MINORITY-SERVING INSTITUTIONS Dr. Muhammad Amin, Business Administration, College of Business. Dr. Shazzad Rassel, Electrical and Computer Engineering, College of Engineering. Dr. Kamrul Hasan, Electrical and Computer Engineering, College of Engineering.
017-FAC	3:00 PM	FACULTATIVE PARASITOID OF THE NOTORIOUS JAPANESE BEETLE: REARING CHALLENGES AND FUTURE PROSPECTS Dr. Alfred Daniel Johnson, Otis L. Floyd Research Center, College of Agriculture. Dr. Karla Adesso, Otis L. Floyd Research Center, College of Agriculture. Mr. Nadeer Youssef, Otis L. Floyd Research Center, College of Agriculture. Dr. Gregory Dahlem. Dr. Jason Oliver, Otis L. Floyd Research Center, College of Agriculture
019-FAC	3:15 PM	EVALUATION, IDENTIFICATION, AND CHARACTERIZATION OF NOVEL BACTERIAL ENDOPHYTES AS ECO-FRIENDLY BIOPRODUCTS TO IMPROVE SOYBEAN GROWTH AND PROTECTION AGAINST PATHOGENS Dr. Christine Ondzighi-Assoume, Agricultural Sciences and Engineering, College of Agriculture. Mr. Mustapha Olawuni, Agricultural Sciences and Environmental, College of Agriculture. Ms. Oluchukwu Onyemaobi, Agricultural Sciences and Environmental, College of Agriculture. Dr. Matthew Blair.

020-FAC	3:30 PM	EVALUATING THE EFFECTS OF COVID-19 PANDEMIC ON CATTLE PRICES IN NORTHEAST TEXAS Dr. Armine Poghosyan, Agribusiness and Education, College of Agriculture.
022-FAC	4:00 PM	NUCLEIC ACID-LINKED IMMUNE-SANDWICH ASSAY (NULISA): A DOUBLE-CAPTURE MECHANISM ACHIEVING ATTOMOLAR SENSITIVITY FOR LIQUID BIOPSY APPLICATIONS Sadiye Aras, Biological Sciences, College of Life Sciences. Nevein Soliman. Biological Sciences, College of Life Sciences. Roud Alamri, Biological Sciences, College of Life Sciences. Sammatha Stiff, Biological Sciences, College of Life Sciences.
023-FAC	4:15 PM	A PLAYBOOK FOR PANORAMIC ASSESSMENT AND STRATEGIC PLANNING OF RESEARCH CAPACITY ADVANCEMENT Dr. Xiaofei Wang, Biological Sciences, College of Life and Physical Sciences. Dr. Quincy Quick, Research and Sponsored Programs. Dr. Dafeng Hui, Biological Sciences, College of Life and Physical Science. Dr. Lin Li, College of Engineering Dr. Fulya Baysal-Gurel, College of Agriculture.
