



Office of Research and Sponsored Programs

3rd Annual Medical Student Research Day July 17, 2020

Program Schedule

MSRD has been organized into two concurrent sessions comprising individual session periods for the following three categories: biomedical, clinical & OMT, and population & public health research. Student presentations will occur at the designated time and session period. Presentations for each session period will run for 10-minutes each, followed by a 20-minute live panel discussion for questions and answers at the end of the session period. The presentations and discussions will be reviewed by a panel of judges.

You may enter at any time, please click on the link found in each concurrent session for immediate access. You can switch to another concurrent session by leaving the meeting and clicking on the other link.

The “**Welcome and Final Remarks**”, and the “**Keynote Address**” will be accessible through the Concurrent Session #1 link at the designated times.

Welcome Remarks	8:00 – 8:15 AM	Dr. Don Peska, Dean & CAO, Burrell College Dr. Joseph Benoit, Assistant Dean for Research Dr. Steven J. Ontiveros, Director of Student Research	
Concurrent Session #1			
Click this link to attend Concurrent Session #1			
Period A1 - Clinical & OMT Research			
SEQUENCE NO.	TIME	ABSTRACT NUMBER	PRESENTATION TITLE
1	8:15 AM	201S	OCCIPITO-ATLANTAL DECOMPRESSION AND TRANSCUTANEOUS AURICULAR VAGUS STIMULATION SLOWS CONDUCTION VELOCITY THROUGH THE ATRIOVENTRICULAR NODE
2	8:25 AM	202S	NON-FRUCTOSE BASED BEVERAGES: ASSESSMENT ON PROGRESSION OF METABOLIC SYNDROME
3	8:35 AM	203S	SPLenic PUMP CHANGES CIRCULATING IMMUNE CELL PROFILE LEADING TO ALTERED CYTOKINE RESPONSES TO INFLAMMATORY STIMULI
4	8:45 AM	204S	USING FORCE SENSORS TO ESTABLISH CLINICAL GUIDELINES FOR THE ABDOMINAL PALPATION EXAM
5	8:55 AM	205S	STANDARDIZING STERNOCLEIDOMASTOID MUSCLE SURFACE EMG MONITORING FOR ENERGY LOADING AND ELECTRICAL ACTIVITY ANALYSIS
Q/A #1	9:05 - 9:25 AM		PANEL DISCUSSION #1

Period B1 - Population and Public Health Research

SEQUENCE NO.	TIME	ABSTRACT NUMBER	PRESENTATION TITLE
6	9:25 AM	301S	MATERNAL IODINE STATUS INFLUENCING FETAL HEALTH AND ADVERSE BIRTH OUTCOMES IN THE NAVAJO BIRTH COHORT STUDY (NBCS)
7	9:35 AM	302S	CANCER PREVENTION IN THE PASO DEL NORTE REGION: ASSESSING HPV KNOWLEDGE AND VACCINATION RATES IN A MAJORITY HISPANIC COMMUNITY
8	9:45 AM	303S	A PROPOSED STUDY TO INVESTIGATE THE EFFECTS OF COVID-19 QUARANTINE ORDERS ON COMMUNITY HOSPITAL EMERGENCY DEPARTMENT USAGE IN NEW MEXICO
9	9:55 AM	304S	“DO SOCIAL DETERMINANTS PLACE BARRIERS ON MEDICAL SCHOOL MATRICULANTS?”
10	10:05 AM	305S	SHORT-TERM TRIAGE AND LONG-TERM PLANNING IN ADDRESSING RECURRENT CYCLES OF INFECTIOUS DISEASE AMONG NEW MEXICO’S NATIVE COMMUNITIES: LESSONS FROM COVID-19
11	10:15 AM	306S	COVID-19 AND CHILDREN: POSSIBLE EXPLANATIONS AS TO WHY CHILDREN HAVE AVOIDED SEVERE COMPLICATIONS
Q/A #2	10:25 - 10:45 AM		PANEL DISCUSSION #2

Coffee Break

10:45 - 11:00 AM

Period C1 - Biomedical Research 1

SEQUENCE NO.	TIME	ABSTRACT NUMBER	PRESENTATION TITLE
12	11:00 AM	101S	VIABILITY OF CLOTRIMAZOLE AND RESVERATROL FOR COMBINATORIAL CANCER THERAPY
13	11:10 AM	102S	CIRCADIAN INFLUENCES ON HYPERTENSIVE RESPONSES TO STRESS
14	11:20 AM	103S	THE EFFECTS OF CANNABIDIOL ON NEUTROPHIL EXTRACELLULAR TRAP (NET) FORMATION
15	11:30 AM	105S	INCREMENTAL EXERCISE BLOOD PRESSURE AND CLUCOCORTICOID SENSITIVITY
Q/A #3	11:40 - 12:00 PM		PANEL DISCUSSION #3

Lunch

12:00 - 12:30 PM

Keynote

12:30 - 1:30 PM

Period D1 - Biomedical Research 2

SEQUENCE NO.	TIME	ABSTRACT NUMBER	PRESENTATION TITLE
16	1:40 PM	104S	EXERCISE INDUCED HYPOTENSION AND GLUCOCORTICOID SENSITIVITY
17	1:50 PM	106S	INVESTIGATING THE EFFECTS OF OLEOCANTHAL ON IN VITRO NEUTROPHIL EXTRACELLULAR TRAP FORMATION AND POSSIBLE LINKS TO AUTOIMMUNE AND INFLAMMATORY DISEASE
18	2:00 PM	107S	OPTIMIZATION OF RT-LAMP ASSAY FOR ZIKA VIRUS
19	2:10 PM	108S	PRIMO-VASCULAR SYSTEM: A PARADIGM SHIFT FOR OSTEOPATHIC MANIPULATIVE TREATMENT
20	2:20 PM	109S	WHAT'S IN THE SOUP? ADVENTURES IN METHODOLOGY FOR QUALITATIVE ANALYSIS OF CADAVER EMBALMING REACTION PRODUCTS ENCOUNTERED DURING HUMAN DONOR DISSECTION
Q/A #4	2:30 - 2:50 PM		PANEL DISCUSSION #4
Final Remarks	2:50 -2:55 PM		

Concurrent Session #2

[Click this link to attend Concurrent Session #2](#)

Period A2 - Population and Public Health Research

SEQUENCE NO.	TIME	ABSTRACT NUMBER	PRESENTATION TITLE
1	8:15 AM	307	REPEALING THE AFFORDABLE CARE ACT: A META-ANALYSIS OF THE IMPLICATIONS ON BORDER STATE REGIONS
2	8:25 AM	308	DIABETES IN NEW MEXICO: AN EPIDEMIOLOGIC STUDY TO DESCRIBE INEQUITIES IN DISEASE BURDEN AND SELECTED SOCIAL DETERMINANTS OF HEALTH
3	8:35 AM	309	BENEFITS AND BARRIERS TO HEALTHCARE ACCESS UTILIZING TELEMEDICINE SERVICES AT NORTH SHORE COMMUNITY HEALTH
Q/A #1	8:45 – 9:05 AM		PANEL DISCUSSION #1

Period B2 - Biomedical Research

SEQUENCE NO.	TIME	ABSTRACT NUMBER	PRESENTATION TITLE
4	9:25 AM	110	DEVELOPMENT OF A SENSITIVE AND SPECIFIC ASSAY FOR FIELD DIFFERENTIAL DETECTION OF DENGUE-1, WEST NILE, AND ZIKA VIRAL RNA USING RT-PCR, LAMP, AND QUASR

5	9:35 AM	111	ACUTE LYMPHOBLASTIC LEUKEMIA AND THE ASSOCIATION OF ALL WITH HISPANIC POPULATIONS, A LITERATURE REVIEW
Q/A #2	9:45 - 10:05 AM		PANEL DISCUSSION #2

Period C2 - Clinical & OMT Research 1

SEQUENCE NO.	TIME	ABSTRACT NUMBER	PRESENTATION TITLE
6	11:00 AM	206	COMPARING THE RECOVERY RATES OF CARPAL TUNNEL RELEASE ON NON-DIABETICS AND DIABETICS (WITH AND WITHOUT SMALL FIBER NEUROPATHY)
7	11:10 AM	207	TINEA CORPORIS MASQUERADING AS A DIFFUSE GYRATE ERYTHEMA: CASE REPORT AND A REVIEW OF ANNULAR LESIONS MIMICKING A DERMATOPHYTE SKIN INFECTION
8	11:20 AM	208	OPERATIVE RECONSTRUCTION OF SYMPTOMATIC RIB NONUNIONS AND OUTCOMES
Q/A #3	11:30 - 11:50 AM		PANEL DISCUSSION #3

Period D2 - Clinical & OMT Research 2

SEQUENCE NO.	TIME	ABSTRACT NUMBER	PRESENTATION TITLE
9	1:40 PM	209	GREEN NEUTROPHILIC INCLUSIONS AND A NOVEL ASSOCIATION WITH GANGRENOUS ISCHEMIC COLITIS
10	1:50 PM	210	ATYPICAL PRESENTATION OF TAKOTSUBO CARDIOMYOPATHY IN 77 YEAR OLD FEMALE: A CASE REPORT
11	2:00 PM	211	THE IMPORTANCE OF RESILIENCE AND REHABILITATION IN PATIENTS WITH METASTATIC SPINAL CORD COMPRESSION: A CASE STUDY
12	2:10 PM	212	LATE ONSET HEARING LOSS IN VERY LOW BIRTH WEIGHT PREMATURE INFANTS: PRIMARILY CONDUCTIVE VS SENSORINEURAL
Q/A #4	2:20 - 2:40 PM		PANEL DISCUSSION #4