



SAVE THE DATE
2024 Western Medical Research Conference
January 18-20, 2024



Western Medical Research Conference
January 19-21 2023
Carmel, California

Western Section American Federation for Medical
Research
Western Society for Clinical Investigation
Western Association of Physicians
Western Society for Pediatric Research
Western Student and Resident Medical Research Forum

PROGRAM AT-A-GLANCE

TIME	ACTIVITY & LOCATION
	THURSDAY, JANUARY 19, 2023
9:00 am – 5:00 pm	Speaker Ready Room <i>Sunset Center</i>
9:00 am – 5:00 pm	Registration <i>Sunset Center – Entry Lobby</i>
9:30 am – 12:00 pm	WSPR Council Meeting <i>Sunset Center – Chapman</i>
10:00 am – 11:45 am	WAP/WSCI Plenary Edwin E. Osgood Awardee WSCI Outstanding Investigator Award WAP/WSCI Distinguished Lectureship WAP/WSCI Business Meeting <i>Carmel Women’s Club</i>
11:45 am – 12:45 pm	Investigator Workshop How to Publish: Tips from the Editor <i>(Fellows, Trainees, and Jr. Faculty)</i> <i>Food Truck in Sunset Center Parking Lot</i> Michael McPhaul <i>Editor, Journal of Investigative Medicine - High Impact Case Reports</i> <i>Sunset Center – Green Room</i>
12:45 pm – 3:00 pm	Concurrent Sessions <i>Sunset Center</i> Adolescent Medicine and General Pediatrics I – <i>Room 5</i> Cardiovascular I – <i>Promenade Lobby</i> Endocrinology and Metabolism I – <i>Carmel Women’s Club</i> Healthcare Delivery Research I – <i>Babcock #6</i> Immunology and Rheumatology I – <i>Chapman #4</i> Infectious Diseases I – <i>Conductor’s Room</i> Neonatology – General I – <i>Studio 105</i> Neonatology – Pulmonary I – <i>Rehearsal Room</i> Surgery I – <i>Green Room</i>
3:00 pm – 3:15 pm	BREAK

<p>3:15 pm – 5:45 pm</p>	<p align="center">Concurrent Sessions <i>Sunset Center</i></p> <p>Cardiovascular II – <i>Promenade Lobby</i> Diversity, Equity, Inclusion I – <i>Conductor’s Room</i> Healthcare Delivery Research II – <i>Room 5</i> Hematology and Oncology I – <i>Green Room</i> Neonatology – General II – <i>Babcock #6</i> Neonatology – Pulmonary II – <i>Rehearsal Room</i> Neuroscience I – <i>Chapman #4</i> Pulmonary and Critical Care I – <i>Studio 105</i> Surgery II – <i>Carmel Women’s Club</i></p>
<p>6:00 pm – 8:00 pm</p>	<p align="center">Welcome Reception and Poster Session <i>Jointly sponsored by</i> WAFMR, WAP, WSCI, WSMRF, and WSPR Odd numbered posters present from 6-7 pm Even numbered posters present from 7-8 pm <i>All welcome and encouraged to attend</i> Posters 1-62 <i>All Saints Church, Seccombe Hall</i> Ninth Avenue & Dolores St. and Posters 63-102 <i>Sunset Center, Carpenter Hall</i></p>
<p>7:00 pm – 9:00 pm</p>	<p align="center">WSPR Abbott Nutrition Reception Open to all WSPR members, trainees, and guests <i>Il Fornaio, Ocean Avenue Room</i></p>
<p>8:30 pm – 10:00 pm</p>	<p align="center">WSPR Council Dinner <i>(by invitation only)</i> <i>Porta Bella</i> <i>Ocean Ave, Between Lincoln and Monte Verde St.</i></p>
<p align="center">FRIDAY, JANUARY 20, 2023</p>	
<p>7:30 am – 5:00 pm</p>	<p align="center">Registration <i>Sunset Center – Entry Lobby</i></p>
<p>7:30 am – 5:00 pm</p>	<p align="center">Speaker Ready Room <i>Sunset Center</i></p>
<p>8:00 am – 10:00 am</p>	<p align="center">Concurrent Sessions <i>Sunset Center</i></p> <p>Adolescent Medicine and General Pediatrics II – <i>Studio 105</i> Cardiovascular III – <i>Promenade Lobby</i> Case Reports I – <i>Carpenter Hall</i> Endocrinology and Metabolism II – <i>Carmel Women’s Club</i> Gastroenterology – <i>Babcock #6</i> Genetics I – <i>Rehearsal Room</i> Neonatology – General III – <i>All Saints Church, Seccombe Hall</i> Neonatology – Perinatal Biology I – <i>Chapman #4</i> Surgery III – <i>Room 5, Sunset Center</i></p>

10:00 am – 10:15 am	BREAK
10:15 am – 12:30 pm	<p>Concurrent Sessions <i>Sunset Center</i></p> <p>Behavior, Development and Psychology I – <i>Chapman #4</i> Diversity, Equity, Inclusion Research II – <i>Promenade Lobby</i> Healthcare Delivery Research III – <i>Babcock #6</i> Hematology and Oncology II – <i>Carpenter Hall</i> Infectious Diseases II – <i>Carmel Women’s Club</i> Morphogenesis and Malformations – <i>Rehearsal Room</i> Neonatology – General IV – <i>All Saints Church, Seccombe Hall</i> Nephrology and Hypertension – <i>Green Room</i> Neuroscience II – <i>Studio 105</i> Surgery IV – <i>Room 5, Sunset Center</i></p>
12:00 pm – 1:30 pm	<p>Lunch available on-site for nominal charge Food Truck in Sunset Center Parking Lot Serving Mexican Fare</p>
12:30 pm – 1:30 pm	<p>Investigator Workshop <i>(This talk is aimed at Jr. faculty and fellows, students and trainees also welcome to attend) – Lunch available at food truck</i></p> <p>Mentoring and networking for the clinician and scientist <i>Charles Edelstein, MD</i> <i>UCHealth University of Colorado</i> <i>Sunset Center – Green Room</i></p>
1:00 pm – 1:45 pm	<p>Coffee and Dessert Buffet <i>Carmel Women’s Club</i></p>
1:45 pm – 4:15 pm	<p>Joint Plenary Session</p> <p>WAFMR, WAP, WSCI, WSMRF, WSPR WAP/WSCI Mayo Soley Award WSPR Abbott Nutrition Lowell Glasgow Student Research Award WSPR Abbott Nutrition David W. Smith Pediatric Trainee Research Award WSPR Abbott Nutrition Young Investigator Research Award WSPR Stanley Wright Lecture WSPR St. Geme Educator Award <i>Carmel Women’s Club</i></p>
4:15 pm – 5:00 pm	<p>WSPR Business Meeting <i>Mariana Baserga and Henry Lee Presiding</i> All WSPR members invited <i>Carmel Women’s Club</i></p>
4:15 pm – 5:15 pm	<p>WAFMR Business Meeting and Reception All WAFMR members invited <i>Ricardo Correa, Presiding</i> <i>Sunset Center – Chapman Room</i></p>

5:15 pm – 6:15 pm	<p align="center">David Rimoin Lectureship The Genetics of Brain Malformations Ghayda Mirzaa, <i>University of Washington and Seattle Children’s Hospital</i> <i>Sunset Center – Carpenter Hall</i></p>
5:30 pm – 7:30 pm	<p align="center">WAP/WSCI Council Meeting <i>(by invitation only)</i> Cantinetta Luca - Wine Room <i>Dolores St. and Ocean Ave.</i></p>
6:00 pm – 8:00 pm	<p align="center">WSPR Reckitt/Mead Johnson Nutrition Junior Faculty Travel Award & Western Perinatal Club Leveraging the Placenta to Improve Neonatal Care Karen Mestan, <i>Rady Children’s Hospital</i> <i>University of California San Diego</i> <i>Open to all WSPR, AAP, and CAN Members and Guests</i></p> <p align="center">Western Perinatal Club Briefing <i>Carmel Women’s Club</i></p>
6:15 pm – 7:15 pm	<p align="center">Dysmorphology Club <i>Supported by Abbott Nutrition</i> <i>Sunset Center – Carpenter Hall</i></p>
SATURDAY, JANUARY 21, 2023	
7:30 am – 12:00 pm	<p align="center">Speaker Ready Room <i>Sunset Center</i></p>
7:30 am – 10:00 am	<p align="center">Registration <i>Sunset Center – Entry Lobby</i></p>
8:00 am – 10:00 am	<p align="center">Concurrent Sessions <i>Sunset Center</i></p> <p>Behavior, Development and Psychology II – <i>Chapman #4</i> Diversity, Equity and Inclusion III – <i>Room 5, Sunset Center</i> Endocrinology and Metabolism III – <i>Green Room</i> Genetics II – <i>Rehearsal Room</i> Healthcare Delivery Research IV – <i>Babcock #6</i> Neonatology – General V – <i>Carpenter Hall</i> Neonatology – Perinatal Biology II – <i>Studio 105</i> Pulmonary and Critical Care II – <i>Promenade Lobby</i></p>
10:00 am – 10:15 am	BREAK
10:15 am – 12:00 pm	<p align="center">Concurrent Sessions <i>Sunset Center</i></p> <p>Case Reports II – <i>Promenade Lobby</i> Genetics III – <i>Rehearsal Room</i> Healthcare Delivery Research V – <i>Babcock #6</i> Hematology and Oncology III – <i>Green Room</i> Immunology and Rheumatology II – <i>Room 5</i></p>

	Neonatology – General VI – <i>Carpenter Hall</i> Neonatology – Pulmonary III – <i>Conductor’s Room</i> Neuroscience III – <i>Studio 105</i>
12:15 pm – 2:00 pm	<p style="text-align: center;">Society Officers Planning Meeting <i>(by invitation only)</i> <i>Sunset Center – Chapman #4</i></p>

CME CERTIFICATION

This Live activity, 2023 Western Medical Research Conference, with a beginning date of January 19, 2023, is accredited for **18.0** Prescribed credits by the American Academy of Family Physicians. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

AMA/AAFP Equivalency: AAFP Prescribed credit is accepted by the American Medical Association as equivalent to *AMA PRA Category 1 credit(s)*[™] toward the AMA Physician's Recognition Award. When applying for the AMA PRA, Prescribed credit earned must be reported as Prescribed, not as Category 1.

An Electronic Credit Request/Evaluation Survey Will Be Emailed To You After The Program. This electronic survey will allow you to provide your evaluation of this educational activity in addition to requesting AMA PRA, Prescribed credit earned must be reported as Prescribed, not as Category 1.

You will receive the link and instructions in your **Email Inbox on Wednesday, January 25, 2023**. If you do not receive your link to the evaluation in your email inbox, please contact us at admin@afmr.org. Original certificates for this conference may be claimed until **February 28, 2023**. Duplicate certificates are available at any time.

INVITED SPEAKERS

Thursday, January 19, 2023

WAP/WSCI Plenary Session

Jose M. Garcia, VA Puget Sound Healthcare System

WSCI Outstanding Investigator Awardee

From Bench to Bedside: Developing Treatments for Cancer Cachexia

10:15 AM – 11:00 AM

Carmel Women's Club

WAP/WSCI Plenary Session

David Gilbert, Providence Portland Medical Center

WAP/WSCI Distinguished Lectureship

The Past, Present, and Future of Infectious Diseases: A Personal Perspective

11:00 AM – 11:45 AM

Carmel Women's Club

Neonatology Pulmonary I

Cassidy Delaney, University of Colorado Medicine, Children's Colorado

WSPR Chiesi State-of-the-Art Speaker

Platelets: Bystander or Driver of Inflammatory Mediated Vascular Remodeling and Pulmonary Hypertension?

1:30 PM - 2:00 PM

Rehearsal Room, Sunset Center

Endocrinology and Metabolism I

Stephanie Page, University of Washington

State of the Art Speaker:

Male Hormonal Contraception: Addressing an Unmet Public Health Need?

1:45 PM - 2:15 PM

Carmel Women's Club

Adolescent Medicine and General Pediatrics I

Tandy Aye, Stanford Medicine

Prolacta State-of-the-Art Speaker

Current Hot Topics in Gender Medicine

2:00 PM - 2:30 PM

Carpenter Hall, Sunset Center

Cardiovascular I

Jon A. Kobashigawa, Cedars-Sinai Medical Center

State of the Art Speake

Clinical Research Arising from Work in the Trenches

2:30 PM - 3:00 PM

Promenade Lobby, Sunset Center

Neonatology Pulmonary II

Michael A. O'Reilly, University of Rochester

University of Utah Kurt H. Albertine State-of-the-Art Lecture

Oxygen at birth: More than a gas to breathe

4:00 PM - 4:30 PM

Rehearsal Room, Sunset Center

Neonatology General II

Anca Pasca, Stanford University

Stanford University Philip Sunshine State-of-the-Art Speaker

Investigating Neurodevelopmental Disorders Using Human Brain Organoids

4:15 PM - 4:45 PM

Babcock #6, Sunset Center

Friday, January 20, 2023

Neonatology General III

Denise Al Alam, UCLA

UCLA Vedang Londhe Memorial State-of-the-Art Speaker

Understanding human lung development

8:15 AM - 8:45 AM

All Saints Church, Seccombe Hall

Neonatology - Perinatal Biology I

Evan Snyder, Sanford Burnham Prebys Medical Discovery Institute

University of Colorado Fred Battaglia State-of-the-Art Speaker

Mechanistic underpinnings for a clinical trial testing the neuroprotective efficacy of human neural stem cells in perinatal asphyxia

9:30 AM - 10:00 AM

Chapman #4, Sunset Center

Neonatology General IV

Diana Montoya-Williams, Children's Hospital of Philadelphia

University of Southern California Joan E. Hodgman State-of-the-Art Lecture

Inequities by Race, Ethnicity & Nativity: A Journey towards Anti-Racist Research

10:45 AM - 11:15 AM

All Saints Church, Seccombe Hall

Behavior, Development and Psychology I

Ty Vernon, University of California Santa Barbara

UC Davis Robin Hansen State-of-the-Art Speaker

Motivation-Based Intervention Strategies for Children and Adults with Autism

11:00 AM - 11:30 AM

Chapman #4, Sunset Center

Morphogenesis and Malformations

Matthew Deardorff, Children's Hospital Los Angeles, Keck School of Medicine

Prolacta State-of-the-Art Speaker

Human Cohesinopathies: Embracing These Rare Disorders

Friday, January 20, 2023

11:15 AM - 11:45 AM

Rehearsal Room, Sunset Center

Joint Plenary Session

WAP/WSCI Mayo Soley Award

Presenter: Kristen Nadeau, Children's Hospital Colorado

Recipient: Jane Reusch, University of Colorado School of Medicine

Friday, January 20, 2023

1:45 PM - 2:00 PM

Carmel Women's Club

Joint Plenary Session

Robert Dietz, University of Colorado School of Medicine

WAFMR Young Investigator Award

A novel model of neonatal global ischemia to improve translational strategies for hypoxic-ischemic encephalopathy

2:00 PM - 2:15 PM

Carmel Women's Club

Joint Plenary Session

Tim Bahr, University of Utah, Intermountain Healthcare

WSPR Abbott Nutrition Young Investigator Research Award

Advances in Neonatal Hematology: Bilirubin, Transfusion, and Anemia at Birth

2:45-3:15 PM

Carmel Women's Club

Joint Plenary Session

Grace Lee, Stanford Children's Health

WSPR Stanley Wright Memorial Lecture

COVID 19 Vaccines: Decision Making During A Pandemic

3:15-3:45 PM

Carmel Women's Club

David Rimoin Lectureship

Ghayda Mirzaa, University of Washington and Seattle Children's Hospital

The Genetics of Brain Malformations

5:15 pm – 6:15 pm

Sunset Center – Carpenter Hall

Saturday, January 21, 2023

Immunology and Rheumatology II

Jane Hoyt Buckner, Benaroya Research Institute, University of Washington

State-of-the-Art Speaker

Regulatory T cells in T1D – from GWAS to gene editing

10:15 AM - 10:45 AM

Conductor's Room, Sunset Center

2023 Western Medical Research Conference Award Winners



AFMR Henry Christian Award

Jorge Rodriguez-Gil, Stanford University, Stanford University, NHGRI/NIH
Neema Pithia, University of California Los Angeles
Dallin Hubbard, University of Utah

Edwin E. Osgood Award

Anthony Adducci, University of Colorado School of Medicine

WAFMR Young Investigator Award

Robert Dietz, University of Colorado School of Medicine

WAFMR/WAP/WSCI Student Subspecialty Award

Alyssa Becker, Oregon Health & Science University, John A. Burns School of Medicine,
University of Hawaii
Nathaniel DeMarco, Western University of Health Sciences
Aspen Johnston, University of Colorado School of Medicine
Jenny Liu, The Lundquist Institute for Biomedical Innovation at Harbor-UCLA Medical Center,
Fudan University Shanghai Medical College
Rachel Livergant, University of Alberta, University of British Columbia
Van Nguyen, University of Washington School of Medicine
Jacob Plaisted, University of Colorado School of Medicine
Caitlin Robinson, University of Colorado, School of Medicine
John Rustad, University of Utah, University of Vermont College of Medicine
Brandon Scott, University of California San Diego
Daniil Sokolov, Loma Linda University School of Medicine
Julia Tryon, University of Washington

WAFMR/WAP/WSCI Outstanding Resident Award

Blake Adnani, University of Southern California

WAP/WSCI Travel Award

Zayna Bakizada, Oregon Health & Science University
Daniel Carlson, University of Colorado Anschutz Medical Campus
Emilie Foltz, Oregon Health and Science University, Washington State University Elson S.
Floyd College of Medicine
Sheiphali Gandhi, University of California San Francisco
Alisa Goldrich, Harbor UCLA Medical Center
Ian Marpuri, Children's Hospital Los Angeles
Khalid Taha, University of British Columbia
Stuti Tanya, McGill University
Erika Tiemeier, University of Colorado Anschutz Medical Campus

Aniekanabasi Udoko, University of Colorado School of Medicine

WSPR Abbott Nutrition David W. Smith Pediatric Trainee Research Award

Michael Cookson, University of Colorado

WSPR Abbott Nutrition Lowell Glasgow Student Research Award

Ellese Lupori, Western University of Health Sciences, The Center for Orthopedic and Neurosurgical Care & Research

WSPR Abbott Nutrition Outstanding Resident Research Award

Elizabeth McGinn, University of Colorado

WSPR Abbott Nutrition Subspecialty Award

Joshua DeJong, Madigan Army Medical Center

Esther Kim, University of California, Los Angeles

Jillian Kirk, University of Colorado Anschutz Medical Campus, Children's Hospital Colorado

Sydney Martin, Children's Hospital Colorado

Ana Starcevich, UC Davis School of Medicine

Zoë Vordos, University of Utah

Hui Zhao, Stanford University School of Medicine

WSPR Abbott Nutrition Young Investigator Research Award

Timothy Bahr, University of Utah, Intermountain Healthcare

WSPR Reckitt/Mead Johnson Nutrition Junior Faculty Award

Jill Chang, University of Colorado Denver

Erik Frandsen, Rady's Children's Hospital

Kathleen Hannan, University of Colorado

WSPR Reckitt/Mead Johnson Nutrition Travel Award

Adriana Gomes, University of California San Diego

Caroline Harrison, University of Colorado Denver, University of Colorado School of Medicine

Ishani Jhamb, University of California San Diego, Rady Children's Hospital

Sheila Razdan, Stanford University School of Medicine

Eniko Sajti, University of California San Diego

Dayna Stout, Rady Children's Hospital San Diego

Jeremy Woods, Valley Children's Hospital, Stanford University

WSPR Prolacta Research Travel Award

Mia Dobbin, Rocky Vista University

Carolyn Fall, UC San Diego, Rady Children's Hospital

Maya Grayck, University of Colorado Anschutz Medical Campus

Sophie Hochhauser, University of Utah

Van Ma, University of California Davis

Manas Tetarbe, University of Southern California

Christopher Torsitano, University of Utah

**PLENARY
WESTERN ASSOCIATION OF PHYSICIANS
WESTERN SOCIETY FOR CLINICAL INVESTIGATION**

**Thursday, January 19, 2023
10:00 AM – 11:45 AM
*Carmel Women's Club***

Fred Buckner and W. Conrad Liles, Presiding

10:00 EDWIN E. OSGOOD AWARDEE

**INTERLEUKIN-2 KINASE-MEDIATED T-CELL RECEPTOR SIGNALING IS
CRITICAL IN THE DEVELOPMENT OF TYPE 1 DIABETES BY OT-1 T-
CELLS.**

*AJ Adducci, L Perrenoud and L Berg, Aurora, CO. University of Colorado School of
Medicine*

Abstract 1

10:15 WSCI OUTSTANDING INVESTIGATOR AWARDEE

**FROM BENCH TO BEDSIDE: DEVELOPING TREATMENTS FOR CANCER
CACHEXIA.**

Jose M. Garcia, MD, PhD, VA Puget Sound Healthcare System

11:00 WAP/WSCI DISTINGUISHED LECTURESHIP –

**THE PAST, PRESENT, AND FUTURE OF INFECTIOUS DISEASES:
A PERSONAL PERSPECTIVE**

David Gilbert, MD, Providence Portland Medical Center

11:45 ADJOURN

11:45 WAP/WSCI BUSINESS MEETING

CONCURRENT SESSIONS

**Thursday, January 19, 2023
12:45 PM – 3:00 PM**

Jointly sponsored by

**WESTERN SECTION AMERICAN FEDERATION FOR MEDICAL RESEARCH
WESTERN SOCIETY FOR CLINICAL INVESTIGATION
WESTERN ASSOCIATION OF PHYSICIANS
WESTERN SOCIETY FOR PEDIATRIC RESEARCH
WESTERN STUDENT MEDICAL RESEARCH FORUM**

**Adolescent Medicine and General Pediatrics IRoom 5, Sunset Center
Cardiovascular I.....Promenade Lobby
Endocrinology and Metabolism I.....Carmel Women’s Club
Healthcare Delivery Research I.....Babcock #6
Immunology and Rheumatology I.....Chapman #4
Infectious Diseases I.....Conductor’s Room
Neonatology – General I.....Studio 105
Neonatology – Pulmonary I.....Rehearsal Room
Surgery IGreen Room**

Adolescent Medicine and General Pediatrics I

Room 5 (Sunset Center)

Dana Gerstbacher, Presiding

**12:45 THE EFFECT OF THE COVID-19 PANDEMIC ON ANXIETY AND
DEPRESSION IN ADOLESCENTS IN THE MILITARY POPULATION.**

*J DeJong, J Sakai and K Woodruff, JBLM, WA. Madigan Army Medical Center (WSPR
Abbott Nutrition Subspecialty Award)*

Abstract 2

**1:00 DOLLARS & SENSE: A SCHOOL-BASED EFFORT TO INCREASE FINANCIAL
LITERACY IN HIGH SCHOOL STUDENTS.**

*L Bautista, S Regalado, M Long, E Hernandez, K Colwell and R Kinman, Fresno, CA.
Fresno High School*

Abstract 3

**1:15 FOSTERING THE NEXT GENERATION OF HEALTHCARE LEADERS IN A
PANDEMIC WORLD.**

*A Rivera, N Garza, SJ Cruz and R Kinman, San Francisco, CA; Merced, CA; Fresno, CA.
University of California San Francisco*

Abstract 4

**1:30 WALKABILITY OF SAN BERNARDINO COUNTY’S ELEMENTARY
SCHOOLS IN RELATION TO VARIOUS SCHOOL CHARACTERISTICS.**

R Guest and M Baum, Loma Linda, CA. Loma Linda University

1:45 PLACEBO-CONTROLLED TRIAL IN TANNER 2-3 MALES WITH KLINEFELTER SYNDROME: EFFECT OF TESTOSTERONE GEL VERSUS PLACEBO IN MOTOR SKILLS OUTCOMES.

CR Harrison, SJ Martin, R Boada, S Howell, W Mundo, T Tanda and N Tartaglia, Denver, CO; Aurora, CO; Birmingham, AL. University of Colorado School of Medicine (WSPR Reckitt/Mead Johnson Nutrition Subspecialty Award) (WAFMR)

Abstract 6

**2:00 Prolacta State-of-The Art Speaker:
CURRENT HOT TOPICS IN GENDER MEDICINE**

Tandy Aye, Stanford Medicine

2:30 MY IMPLANT IS EXPIRING: A NATIONAL SECRET SHOPPER STUDY OF EXTENDED USE OF THE CONTRACEPTIVE IMPLANT.

M Pai, N Rigler, A Ribeiro de Oliveira and S Mody, La Jolla, CA. University of California San Diego (WSMRF)

Abstract 7

2:45 COMPARING THE EFFECTS OF AEROBIC EXERCISE AND YOGA ON STRESS LEVELS IN COLLEGE STUDENTS.

A Lin, M King and E Graham, St. Peter, MN; Somers, WI. Gustavus Adolphus College

Abstract 8

Cardiovascular I

Promenade Lobby (Sunset Center)

Luisa Mestroni, Presiding

12:45 ARE PATIENTS WITH A HISTORY OF CHEST RADIATION THERAPY AT HIGHER RISK FOR STERNAL WOUND PROBLEMS AFTER HEART TRANSPLANT?

J Hu, Y Oda, N Patel, S Kim, T Singer-Englar, M Hamilton and J Kobashigawa, Beverly Hills, CA. Cedars-Sinai Heart Institute (WSMRF)

Abstract 9

1:00 EXTRACELLULAR RIBOSOMAL PROTEINS IN MYOCARDIAL HEALING.

AV Thai, CI Doescher, DK Agrawal and FG Thankam, Pomona, CA. College of Osteopathic Medicine of the Pacific, Western University of Health Sciences

Abstract 10

1:15 SMALL MOLECULE READTHROUGH COMPOUND GJ103 PREVENTS HERITABLE PULMONARY ARTERIAL HYPERTENSION IN A MOUSE MODEL.

J Liu, CF Leng, Y Wang, L Afrose, J Liu, T Dao, R Sakurai, O Naveed, S Umar and V Rehan, Torrance, CA; Shanghai, , China; Los Angeles, CA. The Lundquist Institute for Biomedical Innovation at Harbor-UCLA Medical Center Fudan University Shanghai

Medical College (WAFMR/WAP Student Subspecialty Award Winner)

Abstract 11

1:30 NOVEL VIRTUAL REALITY EXPERIENCE FOR STRESS REDUCTION AMONG PATIENTS WITH/AT RISK FOR CARDIOVASCULAR DISEASE.

KE Makaroff, C Van, V Grospe, L Edmunds, M Calfon-Press, K Watson and T Horwich, Los Angeles, CA. David Geffen School of Medicine at UCLA

Abstract 12

1:45 DOES AN OPTIMAL LIPID PANEL AFFECT OUTCOME AFTER HEART TRANSPLANTATION?

S Thein, S Kim, T Singer-Englar, N Patel, M Hamilton and J Kobashigawa, Beverly Hills, CA. Cedars-Sinai Heart Institute (WSMRF)

Abstract 13

2:00 DISEASE AWARENESS AND CONTRACEPTIVE USE IN PATIENTS WITH CARDIAC DISEASE IN A LOW-RESOURCE SETTING.

A Goldrich, P Bailey, J Woodley, P Pillutla, J Russo and H Stohl, Torrance, CA; Richmond, CA. Harbor UCLA Medical Center (WAP/WSCI Travel Award Winner)

Abstract 14

2:15 MACHINE LEARNING PULSE OXIMETRY IMPROVES CRITICAL CONGENITAL HEART DISEASE SCREENING.

H Siefkes, L Cerny Oliveria, R Koppel, W Hogan, M Garg, E Manalo, N Cresalia, Z Lai, D Tancredi, C Chuah and S Lakshminrusimha, Davis, CA; Queens, NY; Salt Lake City, UT; Los Angeles, CA; Sac, CA; San Francisco, CA. UC Davis

Abstract 15

2:30 *State-of-The-Art Speaker:*

CLINICAL RESEARCH ARISING FROM WORK IN THE TRENCHES.

Jon A. Kobashigawa, Cedars-Sinai Medical Center

Endocrinology and Metabolism I

Carmel Women's Club

Stephanie Page, Presiding

12:45 A NEW APPROACH IN DETECTING DIABETIC PERIPHERAL NEUROPATHY: THERMAL IMAGING OF THE PLANTAR FOOT.

E Duran-Valdez, P Soliz, S Saint-Lot and DS Schade, Albuquerque, NM. University of New Mexico

Abstract 16

1:00 SUBCLINICAL AUTONOMIC NEUROPATHY IN TYPE 2 DIABETES.

A Johnston, LA Abushamat, D Enge, E Clark, JG Regensteiner and JE Reusch, Aurora, CO; Houston, TX; Denver, CO. University of Colorado School of Medicine (WAFMR/WAP Student Subspecialty Award Winner)

Abstract 17

1:15 DIABETES DISTRESS IN THE PEDIATRIC POPULATION MAY SOMETIMES BE INVISIBLE.

T Imai and R Kinman, Fresno, CA; Vallejo, CA. Touro University

Abstract 18

1:30 DIABETES GAMIFICATION: ASSESSING DIABETES KNOWLEDGE WHILE DECREASING APPOINTMENT STRESS IN A PEDIATRIC DIABETES CLINIC.

T Nguyen, N Chaudhary and R Kinman, Fresno, CA. University High School

Abstract 19

1:45 *State-of-The-Art Speaker:*

MALE HORMONAL CONTRACEPTION: ADDRESSING AN UNMET PUBLIC HEALTH NEED?

Stephanie Page, University of Washington

2:15 HOW DOES PHYSICAL ACTIVITY AFFECT WEIGHT MANAGEMENT TREATMENT OUTCOMES IN CHILDREN WITH OBESITY?

N Limberg, SJ Melhorn, M De Leon, BE Saelens, CL Roth and E Schur, Spokane, WA; Seattle, WA. Elson S. Floyd College of Medicine (WSMRF)

Abstract 20

2:30 SELECT DELIVERY COMPLICATIONS IN MORBIDLY OBESE PATIENTS.

M Estafanous, C Brewer, K Sterris, S Hart, L Manzanete, L Shields, C Mansour and E Hart, Loma Linda, CA; San Diego, CA. Loma Linda University School of Medicine

Abstract 21

2:45 COMPARING METABOLIC SATIETY EFFECTS OF TWO AMINOPYRIDINE KV1 CHANNEL BLOCKERS.

JL Styadi, E Giang, C Hessinger, D Bellinger and R Hartman, Loma Linda, CA. Loma Linda University

Abstract 22

Healthcare Delivery Research I

Babcock #6 (Sunset Center)

Susan Graham, Presiding

12:45 ETIOLOGY AND INCIDENCE OF DRY EYE DISEASE IN GUATEMALA.

GA Ung, C Nguyen, TT You, F Dong and S Fuchs, Pomona, CA; Santa Ana, CA. Western University of Health Sciences

Abstract 23

1:00 BARRIERS TO ACCESSING HEALTH SERVICES IN RURAL KENYA: A COMMUNITY PERCEPTION SURVEY.

P Baadh, C Uzoukwu, MK Bassi, K Mulli, N Mulli, C Mulli and B Fassl, Rootstown, OH; Yatta Sub-county, Kenya. Northeast Ohio Medical University

Abstract 24

- 1:15 CREATING A TOOL FOR RAPID ASSESSMENT OF COMMUNITY HEALTH NEEDS AND BARRIERS IN RURAL AFRICA: KENYA CASE STUDY.**
MK Bassi, *PK Baadh*, C Uzoukwu, K Mulli, N Mulli, C Mulli and B Fassl, Rootstown, OH; Yatta Sub-County, Kenya. *Northeast Ohio Medical University*
Abstract 25
- 1:30 PROMOTING HEALTH COMMUNICATION AND EDUCATION ON SICKLE CELL DISEASE IN RURAL NEPAL BY PARTNERING WITH LOCAL COMMUNITY HEALTHCARE WORKERS.**
Y Deng, R Hong, C Bhatla, C Harrigan and C Lanz, Vancouver, BC, Canada. *University of British Columbia*
Abstract 26
- 1:45 ACCESS TO SICKLE CELL DISEASE TREATMENT IN THE INDIGENOUS THARU POPULATION OF NEPAL.**
S Starkey, *C Lanz*, K Gray and V Kapoor, Vancouver, BC, Canada. *UBC Faculty of Medicine*
Abstract 27
- 2:00 NEEDLES, NARCAN, AND NEIGHBORHOOD SERVICES: REIMAGINING SYRINGE ACCESS IN KETCHIKAN, ALASKA.**
S Nethercut, Seattle, WA. *University of Washington School of Medicine*
Abstract 28
- 2:15 HARM REDUCTION STRATEGIES TO LOWER OPIOID MORTALITY IN SOUTHCENTRAL ALASKA.**
IJ Richey, Seattle, WA. *University of Washington (WSMRF)*
Abstract 29
- 2:30 THE EFFECT OF SENATE BILL-159 ON THE PROVISION OF HIV PRE- AND POST-EXPOSURE PROPHYLAXIS IN SACRAMENTO, CALIFORNIA.**
HR Kathi, *LC Xu*, A Dao, S Lai, Z Nicholas and V Gerriets, Elk Grove, CA; French Camp, CA. *California Northstate University College of Medicine*
Abstract 30
- 2:45 NUTRITIONAL RECOMMENDATIONS FOR FERTILITY AS PROMOTED ON SOCIAL MEDIA.**
N Sims, *H Egnaw*, TL Carroll, A Modesette, L Blair and AL Nelson, Lebanon, OR. *Western University of Health Sciences COMPNW*
Abstract 31

Immunology and Rheumatology I

Chapman #4 (Sunset Center)

Kevin Deane, Presiding

12:45 HIGH DOSE IVIG IN MULTISYSTEM INFLAMMATORY SYNDROME IN CHILDREN AND RESPONSE TO TREATMENT.

M Soneji, Loma Linda, CA. Loma Linda University

Abstract 32

1:00 SEROLOGICAL ASSESSMENT OF THE EFFECTIVENESS OF OSTEOPATHIC MANIPULATIVE TO AUGMENT THE COVID-19 VACCINE IMMUNE RESPONSE.

E Martinez, B Loveless, P Crone, H Szurmant, S Fuchs and J Sanchez, Pomona, CA.

Western University of Health Sciences (WSMRF)

Abstract 33

1:15 INCREASED POPULATION OF CD40+ FIBROBLASTS IS ASSOCIATED WITH IMPAIRED WOUND HEALING AND CHRONIC INFLAMMATION IN DIABETIC FOOT ULCERS.

JP Littig, R Moellmer, DK Agrawal and V Rai, Pomona, CA. Western University of Health Sciences

Abstract 34

1:30 ASSESSING CAUSES OF HILAR LYMPHADENOPATHY.

GR Triant and M Baker, Tucson, AZ; Palo Alto, CA. University of Arizona College of Medicine - Tucson Stanford University

Abstract 35

1:45 COLD AGGLUTININ-INDUCED HEMOLYTIC ANEMIA IN AN ADOLESCENT WITH OVERLAP SYNDROME.

A Emamian and S Sukumaran, Madera, CA. Valley Children's Healthcare

Abstract 36

2:00 UNCOVERING MICROSCOPIC POLYANGIITIS IN THE SETTING OF CHRONIC INTERSTITIAL NEPHRITIS.

R Kumra, S Singh, R Doris, K Young and M Jasser, Phoenix, AZ. University of Arizona College of Medicine - Phoenix

Abstract 37

2:15 DRUG- INDUCED LUPUS DUE TO ETHOSUXIMIDE IN AN 11-YEAR-OLD MALE.

R Sanghavi and S Sukumaran, Madera, CA. Valley Children's Hospital

Abstract 38

2:30 DISCREPANCIES IN MELOXICAM COX INHIBITION BETWEEN BALL PYTHONS AND HUMANS.

NR Gilbert, V Zhong, M Issar, S Fuchs and C Eng, Pomona, CA. Western University of Health Sciences

Abstract 39

2:45 ATYPICAL PRESENTATION OF HYPERURICEMIA AND TOPHACENOUS GOUT.

NC Trang, N Kamal, J Douglas, M Beuca, H Lai, E Cobos and S Eppanapally, Bakersfield, CA. Kern Medical

Abstract 40

Infectious Diseases I

Conductor's Room

Fred Buckner, Presiding

Cancelled 1.14.2023

12:45 VIRULENCE AND GENOMIC ANALYSIS OF *S. EPIDERMIDIS* HEALTHY SKIN ISOLATE AH6072.

A Cao, K Mills, A Nguyen and A Horswill, Aurora, CO. University of Colorado Anschutz Medical Campus

Abstract 41

1:00 SURFACTANT PROTEIN B REDUCES RESPIRATORY VIRAL INFECTIVITY IN HUMAN LUNGS.

SL Leibel, R McVicar, R Murad, E Snyder and B Croker, San Diego, CA. UCSD SBP (WSPR)

Abstract 42

1:15 MECHANISTIC INVESTIGATION OF T-CELL SEQUESTRATION DURING THE LESIONAL PHASE OF HERPES SIMPLEX VIRUS TYPE 2 INFECTION.

J Tryon and J Zhu, Seattle, WA. University of Washington (WAFMR/WAP Student Subspecialty Award Winner)

Abstract 43

1:30 EXPLORING THE ROLE OF Na^+/K^+ ATPASE MEDIATED INFLAMMASOME ACTIVATION AS A POSSIBLE INTERVENTION AGAINST TUBERCULOSIS.

P Kishore, JF Reijneveld and S Suliman, Pomona, CA; San Francisco, CA. Western University of Health Sciences University of California

Abstract 44

1:45 IMPACT OF PANDEMIC ON RETURN OF ENDEMIC.

R Sharma, C D'Assumpcao, M Valdez, R Johnson, R Kuran and A Heidari, Bakersfield, CA; Los Angeles, CA. Kern Medical David Geffen School of Medicine, UCLA

Abstract 45

2:00 FREQUENCY AND DURATION OF SEVERE ACUTE RESPIRATORY SYNDROME CORONA VIRUS-2 (SARS-COV-2) IN FECES OF BREASTFEEDING MOTHERS WITH AND WITHOUT CONFIRMED COVID-19.

AG Morse, E King-Nakaoka, R Pace, JE Williams, C Meehan, M Martin, S Ley, C Barbosa-Leiker, MA McGuire and MK McGuire, Seattle, WA; Moscow, ID; Pullman, WA; New Orleans, LA. University of Washington (WSMRF)

Abstract 46

- 2:15 ASSESSMENT OF MRSA RESISTANCE TO NOVEL ANTIBIOTIC.**
E Pong, JR Gillespie, N Molasky and F Buckner, Seattle, WA. University of Washington School of Medicine
 Abstract 47
- 2:30 A FIRST LOOK AT THE T CELL IMMUNE RESPONSE TO ENTEROVIRUS D68: EPITOPE MAPPING AND T CELL CHARACTERIZATION.**
K Austin, J Berger and L Berg, Aurora, CO. University of Colorado
 Abstract 48
- 2:45 ENHANCING MOBILE TELEDERMATOLOGY FOR COMMUNITY HEALTHCARE WORKERS IN RURAL NEPAL.**
S Ahuja, N Pradhan, S K.C. and E Shrestha, Seattle, WA; Dhulikhel, Nepal. University of Washington
 Abstract 49
- Neonatology General I**
 Studio 105 (Sunset Center)
Manoj Biniwale and Robert Dietz, Presiding
- 12:45 LOCATION, LOCATION, LOCATION: THE ASSOCIATION BETWEEN NEIGHBORHOOD FACTORS AND VERY LOW BIRTHWEIGHT INFANT CARE PROCESSES AND OUTCOMES.**
S Razdan, J Liu, S Shariff-Marco, J Magana, SL Carmichael and J Profit, Palo Alto, CA; San Francisco, CA. Stanford University School of Medicine (WSPR Reckitt/Mead Johnson Nutrition Subspecialty Award) (WSPR)
 Abstract 50
- 1:00 ALTERATIONS IN PLACENTAL GENE EXPRESSION AND GLYCOGEN-POSITIVE CELLS IN OBESE PREGNANT MICE.**
H Zhao, RJ Wong and DK Stevenson, Stanford, CA. Stanford University School of Medicine (WSPR Abbott Nutrition Subspecialty Award)
 Abstract 51
- 1:15 NEONATAL HYPOGLYCEMIA INDUCED AFTER INITIATION OF LATE PRETERM ANTENATAL CORTICOSTEROIDS: A SYSTEMATIC REVIEW AND META-ANALYSIS.**
K Nguyen and A Katheria, San Diego, CA; Pomona, CA. Western University of Health Sciences College of Osteopathic Medicine of the Pacific
 Abstract 52
- 1:30 SIMULATION PERFORMANCE IN AN IN-SITU SIMULATION TRAINING PROGRAM IN NEONATAL RESUSCITATION: SIMULATING SUCCESS.**
H Lee, BN Lieu and M Bennett, Stanford, CA. Stanford University School of Medicine
 Abstract 53
- 1:45 NEURODEVELOPMENTAL OUTCOMES OF NEONATES WITH HYPOXIC ISCHEMIC ENCEPHALOPATHY WITH ISOLATED WHITE MATTER INCREASED DIFFUSIVITY ON MRI.**

A Leathe, A Sun, S Bluml, D Vanderbilt, E Ho, B Tamrazi and T Wu, Los Angeles, CA. LAC+USC Medical Center

Abstract 54

2:00 EFFECT OF ZINC ON GROWTH OUTCOMES IN PRETERM NEONATES AT RISK FOR BRONCHOPULMONARY DYSPLASIA.

A Tarrell, M Sekhon, S Malone Jenkins and B Yoder, Salt Lake City, UT; New Westminster, Canada. University of Utah (WSPR)

Abstract 55

2:15 NEONATAL SUBGALEAL HEMORRHAGE: TWENTY YEARS OF TRENDS IN INCIDENCE, ASSOCIATIONS, AND OUTCOMES IN A MULTI-HOSPITAL HEALTHCARE SYSTEM.

TR Christensen, TM Bahr, ER Henry, C Ling, T Hanton, J Page, SJ Ilstrup, NR Carr, RK Ohls and RD Christensen, Salt Lake City, UT. University of Utah

Abstract 56

2:30 CHANGES IN TREATMENT AND OUTCOMES IN LATE PRETERM AND TERM INFANTS WITH HYPOXIC ISCHEMIC ENCEPHALOPATHY OVER TIME IN A LARGE CALIFORNIA NEONATAL COHORT.

CM Fall, RJ Baer, G Bandoli and CD Chambers, San Diego, CA. UC San Diego Rady Children's Hospital (WSPR Prolacta Fellow Research Travel Award)

Abstract 57

2:45 SEPSIS SCREENING TOOL COMPARISON FOR LATE-ONSET SEPSIS SCREENING IN A LEVEL IV NEWBORN INTENSIVE CARE UNIT TO GUIDE EHR INTEGRATION IN A QUALITY IMPROVEMENT INITIATIVE.

K Simek, P Grubb and C Ling, Salt Lake City, UT. University of Utah

Abstract 58

Neonatology Pulmonary I

Rehearsal Room (Sunset Center)

David McCulley and Clyde Wright, Presiding

12:45 PERINATAL NICOTINE EXPOSURE INDUCES PREMATURE LUNG SENESCENCE.

D Hatai, J Liu, Y Wang, R Sakurai, L Afrose and V Rehan, Los Angeles, CA; Torrance, CA. University of California, Los Angeles The Lundquist Institute

Abstract 59

1:00 INTRAUTERINE GROWTH RESTRICTION WITH INADEQUATE POSTNATAL NUTRITION IMPAIRS RAT LUNG MECHANICS.

A Cohen, S Hochhauser, R Gage, H Wang and L Joss-Moore, Salt Lake City, UT. University of Utah Health

Abstract 60

1:15 A SURPRISING LACK OF ASSOCIATION BETWEEN SYSTEMIC SEROTONIN AND PERSISTENT PULMONARY HYPERTENSION OF THE NEWBORN.

J Archambault, C Palmer, E Nozik, CC Galambos and C Delaney, Aurora, CO. University of Colorado

- 1:30** **WSPR Chiesi Neonatal Pulmonary State-of-The-Art Speaker:**
PLATELETS: BYSTANDER OR DRIVER OF INFLAMMATORY MEDIATED VASCULAR REMODELING AND PULMONARY HYPERTENSION?
Cassidy Delaney, University of Colorado Medicine, Children's Colorado

- 2:00** **TARGETING 95-99% SPO2 DOES NOT INCREASE PULMONARY BLOOD FLOW OR OXIDATIVE STRESS IN LAMBS WITH BIRTH ASPHYXIA, MECONIUM ASPIRATION SYNDROME AND PULMONARY HYPERTENSION OF THE NEWBORN.**

E Giusto, D Sankaran, A Lesneski, M Hardie, H Joudi, P Vali and S Lakshminrusimha, Sacramento, CA; Davis, CA. University of California, Davis

Abstract 62

- 2:15** **MOLECULAR AND PHENOTYPIC CHARACTERIZATION OF THE PERINATAL ELECTRONIC-CIGARETTE EXPOSURE-INDUCED EFFECTS ON BONE MARROW-DERIVED MESENCHYMAL STEM CELLS.**

C Yu, A Harb, J Liu, R Sakurai and V Rehan, Torrance, CA. The Lundquist Institute for Biomedical Innovation

Abstract 63

- 2:30** **EFFECT OF ZINC ON RESPIRATORY OUTCOMES IN PRETERM NEONATES WITH BRONCHOPULMONARY DYSPLASIA.**

A Tarrell, M Sekhon, S Malone Jenkins and B Yoder, Salt Lake City, UT; New Westminster, Canada. University of Utah (WSPR)

Abstract 64

- 2:45** **COMPARISON OF NON-INVASIVE INTERFACES FOR NEONATAL RESPIRATORY SUPPORT USING BUBBLE CONTINUOUS POSITIVE AIRWAY PRESSURE IN AN ARTIFICIAL MODEL OF A NEONATAL AIRWAY.**

LJ Miner, AF Miner, S Cheney and B Yoder, Salt Lake City, UT; New Brunswick, NJ. University of Utah Intermountain Healthcare (WSPR)

Abstract 65

Surgery I

Green Room (Sunset Center)

Subhas Gupta and Lee Wong, Presiding

- 12:45** **RACIAL DISPARITIES IN ELECTIVE TOTAL KNEE AND HIP REPLACEMENT SURGERIES DURING THE COVID-19 PANDEMIC: A RETROSPECTIVE STUDY OF A DIVERSE POPULATION IN WASHINGTON STATE.**

G Alemayehu, BK Jones, S Jabbouri, R Greene, R Roux and C McAllister, Spokane, WA; New Haven, CT; Yakima, WA. Washington State University (WSMRF)

Abstract 66

- 1:00** **PERIOPERATIVE PREHABILITATION IN PLASTIC SURGERY PATIENTS:**

MORBIDITY REDUCTION WITH WHOLE PERSON INTERVENTIONS.

D Sokolov, J Mauricio-Lee and S Gupta, Loma Linda, CA. Loma Linda University School of Medicine (WAFMR/WAP Student Subspecialty Award Winner) (WSMRF)

Abstract 67

1:15 BIOMECHANICAL, BIOCHEMICAL, AND IMAGING-BASED MEASURES OF LIGAMENT HEALTH AND RISK FOR PROXIMAL JUNCTIONAL FAILURE IN INDIVIDUALS WITH ADULT SPINAL DEFORMITY.

E Lima Duran, B Anderson, M Blais, EY Chang, Y Ma, J Du, AF Lombardi, S Jerban, RK Eastlack, G Mundis and B Shahidi, San Diego, CA. University of California, San Diego (WSMRF)

Abstract 68

1:30 A TEMPLATE FOR VIDEO TELEHEALTH HAND AND WRIST CONSULTATIONS DURING THE COVID-19 PANDEMIC: A PRELIMINARY ANALYSIS OF PATIENT AND PROVIDER REPORTED OUTCOMES.

M Tsuchiya and S Gupta, Loma Linda, CA. Loma Linda University (WSMRF)

Abstract 69

1:45 HYDRUS MICROSTENT IMPLANTATION WITH COMBINED CATARACT EXTRACTION: MEDIUM-TERM CLINICAL OUTCOMES.

SM Tanya, A Ali-Ridha, RD Adekunle and X Campos-Moller, Concord, , Canada; St. John's, , Canada; Montreal, , Canada; Corner Brook, , Canada. McGill University (WAP/WSCI Travel Award Winner)

Abstract 70

2:00 HYDRODISSECTION TREATMENT OF CUBITAL TUNNEL SYNDROME.

MM Kanani and J McGinley, Seattle, WA; Casper, WY. University of Washington

Abstract 71

2:15 PREDICTING SURVIVAL FOR PATIENTS UNDERGOING SURGERY FOR METASTATIC SPINE DISEASE.

VS Kalistratova, D Pina, JR Fine, Z Booze, J Holland, J Wick, W Vander Voort, LA Hisatomi, A Villegas, Y Javidan, RF Roberto, E Klineberg and H Le, Sacramento, CA; Elk Grove, CA. UC Davis Health

Abstract 72

2:30 SYSTEMIC APPLICATION OF HUMAN BONE-MARROW DERIVED MESENCHYMAL STROMAL CELLS TO DIABETIC WOUND HEALING.

B Litmanovich, K Fischer, B Stevens, W Hahn, AC Hostler, H Kussie, K Chen and G Gurtner, Tucson, AZ. University of Arizona

Abstract 73

2:45 THE ENVIRONMENTAL IMPACT OF AMBULATORY SURGICAL CENTRES SURVEY.

BK Bajwa, Z Zhang, Y Tuen and JS Arneja, Vancouver, BC, Canada. University of British Columbia Division of Pediatric Plastic Surgery, BCCH

Abstract 74

CONCURRENT SESSIONS

Thursday, January 19, 2023

3:15 PM – 5:45 PM

Jointly sponsored by

WESTERN SECTION AMERICAN FEDERATION FOR MEDICAL RESEARCH
WESTERN SOCIETY FOR CLINICAL INVESTIGATION
WESTERN ASSOCIATION OF PHYSICIANS
WESTERN SOCIETY FOR PEDIATRIC RESEARCH
WESTERN STUDENT MEDICAL RESEARCH FORUM

Cardiovascular II.....Promenade Lobby
Diversity, Equity, Inclusion I.....Conductor's Room
Healthcare Delivery Research II.....Room 5, Sunset Center
Hematology and Oncology I.....Green Room
Neonatology – General II.....Babcock Room #6
Neonatology – Pulmonary II.....Rehearsal Room
Neuroscience I.....Chapman #4
Pulmonary and Critical Care I.....Studio 105
Surgery II.....Carmel Women's Club

Cardiovascular II

Promenade Lobby (Sunset Center)

Carlin Long and Robert Ross, Presiding

3:15 CANCELLED

PROFILE AND OUTCOMES OF TRANSCATHETER PULMONARY VALVE REPLACEMENT AFTER THE ROSS PROCEDURE.

K Niknejad and DS Levi, Los Angeles, CA. UCLA Mattel Children's Hospital

Abstract 75

3:30 QUANTITATIVE ASSESSMENT OF GLOBAL MYOCARDIAL TISSUE EDEMA IN A SWINE MODEL OF MYOCARDIAL INFARCTION WITH CARDIAC MAGNETIC RESONANCE UTILITY.

A Anilkumar, J Ref, J Lancaster, J Koevary, T Acharya, R Avery and S Goldman, Tucson, AZ. University of Arizona

Abstract 76

3:45 THE RELATIONSHIP BETWEEN ABDOMINAL BODY COMPOSITION AND CORONARY CALCIUM SCORES: AN ANALYSIS OF THE MULTI-ETHNIC STUDY OF ATHEROSCLEROSIS.

JL Korobkin, P Srikanthan, K Watson, M Allison, R Kronmal and T Horwich, Los Angeles, CA; La Jolla, CA; Seattle, WA. Brentwood School UCLA

Abstract 77

4:00 REDO HEART TRANSPLANTATION OF STATUS 4 PATIENTS – WHAT IS

THEIR WAITLIST MORTALITY?

Z Wakefield, T Singer-Englar, N Patel, S Kim, M Hamilton and J Kobashigawa, Beverly Hills, CA. Cedars-Sinai Heart Institute

Abstract 78

4:15 CURRENT ERA FOR HEMODYNAMIC COMPROMISE REJECTION AND SUBSEQUENT OUTCOMES AFTER HEART TRANSPLANTATION.

V Ross, T Singer-Englar, S Kim, N Patel, M Hamilton and J Kobashigawa, Beverly Hills, CA. Cedars-Sinai Heart Institute (WSMRF)

Abstract 79

4:30 SEX DIFFERENCES IN THE ASSOCIATION OF BODY COMPOSITION AND ALL-CAUSE MORTALITY IN CARDIAC REHABILITATION PATIENTS WITH CORONARY ARTERY DISEASE.

I Liang, K Yan, p Srikanthan and T Horwich, Providence, RI; Los Angeles, CA; San Francisco, CA. Brown University (WSMRF)

Abstract 80

4:45 ISCHEMIA CONTROLLED GENES IN ACCELERATED CARDIAL HEALING FOLLOWING MYOCARDIAL INFARCTION.

E Cha, SH Hong, C Fung, D Teramoto, T Rai, J Liu, DK Agrawal and FG Thankam, Pomona, CA. College of Osteopathic Medicine of the Pacific, Western University of Health Sciences

Abstract 81

5:00 DOES THE CAV TRAJECTORY SCORE APPLY TO HEART-KIDNEY TRANSPLANT RECIPIENTS?

R Trajano, N Patel, T Singer-Englar, S Kim, M Hamilton and J Kobashigawa, Beverly Hills, CA. Cedars-Sinai Heart Institute (WSMRF)

Abstract 82

5:15 IN PATIENTS UNDERGOING HEART AND KIDNEY TRANSPLANT, HOW LONG DOES THE KIDNEY LAST?

P Hage, S Kim, T Singer-Englar, N Patel, M Hamilton and J Kobashigawa, Beverly Hills, CA. Cedars-Sinai Heart Institute (WSMRF)

Abstract 83

5:30 POINT OF CARE ULTRASOUND IN DIAGNOSING REGIONAL WALL MOTION ABNORMALITIES IN PATIENTS WITH ST SEGMENT ELEVATED MYOCARDIAL INFARCTION.

M Desai, S Saadat, J Baker, A Kurzweil, J Rowland, E Abrams, M Whited and J Fox, Orange, CA; Pomona, CA. Western University of Health Sciences University of California, Irvine

Abstract 84

Diversity, Equity, Inclusion I

Conductor's Room

Anna Ryabets-Lienhard, Presiding

3:15 POST-OPERATIVE MORBIDITY AND MORTALITY IN INDIGENOUS PATIENTS: A SCOPING REVIEW AND META-ANALYSIS.

R Livergant, K Stefanyk, C Binda, G Fraulin, *S Maleki*, T Hillier and E Joos, Edmonton, Canada; Vancouver, BC, Canada. *University of Alberta University of British Columbia (WAFMR/WAP Student Subspecialty Award Winner)*

Abstract 85

3:30 GEOSPATIAL ANALYSIS OF THE PROPORTION OF PERSONS DEFINED AS UNDERREPRESENTED IN MEDICINE FOR EACH MEDICAL SCHOOL AND THEIR SURROUNDING CORE-BASED STATISTICAL AREA.

A Benitez-Mello, Z Quinonez, LM Diaz, M Lennig, D Char and C Smith, San Francisco, CA; Palo Alto, CA; Berkeley, CA. *University of San Diego*

Abstract 86

3:45 TRENDING THE REPRESENTATION OF WOMEN AND UNDER-REPRESENTED MINORITIES IN E-ROAD SPECIALTIES.

C Yan, BM Wong, Y Richter, B Bautista and S Munoz, Sacramento, CA. *UC Davis*

Abstract 87

4:00 RACIAL DISPARITIES IN THE UTILIZATION OF NEUROIMAGING FOR PEDIATRIC PATIENTS FOLLOWING POSSIBLE HEAD INJURY.

L Gonzales, J Dalal, J Gu, B Lee, K Maramba, V Salwan, A Wong and B Afghani, Irvine, CA; Orange, CA. *UC Irvine School of Medicine (WAFMR)*

Abstract 88

4:15 LOW MENTAL HEALTH LITERACY PREDICTS YOUTH WITH SYMPTOMS OF ANXIETY AND DEPRESSION: ADVOCATES FOR ALL YOUTH (ALLY).

JL Chandrasekhar, A Dadematthews, M Pangelinan, AE Bowen, S Simon, R Musci, CR Studts and J Kaar, Aurora, CO; Auburn, AL; Baltimore, MD. *University of Colorado Anschutz Medical Center*

Abstract 89

4:30 DISPARITIES IN ACCESS TO TIMELY SPINE SURGERY EVALUATION.

KR Yamaguchi, CE Drolet, M Kim, T Hanks, LN DePledge, R Sethi and PK Louie, Seattle, WA. *University of Washington*

Abstract 90

4:45 NURSING SATISFACTION IN COMMUNICATION WITH LANGUAGE DISCORDANT NURSE-FAMILY PAIRINGS IN THE NEONATAL INTENSIVE CARE UNIT.

ZM Bakizada, J Hoffman, A Platteau, A Khut and DS Ondusko, Portland, OR. *Oregon Health & Science University (WAP/WSCI Travel Award Winner) (WSMRF)*

Abstract 91

5:00 DO RACIAL DISPARITIES IN DIAGNOSIS OF DEMENTIA AND ALZHEIMER DISEASE CONTINUE TO EXIST?
N Sussman, C Chung, M Kanchrakuntla, E Kim, M Thakkar, S Vachhani and B Afghani, Tucson, AZ; Irvine, CA; Orange, CA. University of Arizona UC Irvine School of Medicine (WSMRF)

Abstract 92

5:15 IMPACT OF COVID-19 PANDEMIC ON A BRITISH COLUMBIA CHILDREN'S HOSPITAL YOUTH ADVISORY COMMITTEE.
L Bondi, S Grover, C Binda, S Gill, A Beevor-Potts, W Lau, A McFadden, D Duffy, K Hodgson, C Bland and CA Look, Vancouver, BC, Canada. University of British Columbia

Abstract 93

5:30 A COMPREHENSIVE LGBTQ+ RESIDENT CURRICULUM.
Y Moufarrej, A Sosa, P Dewanjee and N Webb, Madera, CA. Valley Children's Healthcare

Abstract 94

Healthcare Delivery Research II
Room 5 (Sunset Center)
Maralyssa Bann, Presiding

3:15 WASHINGTON-BASED CLINICIAN PERCEPTIONS ON TRANSFERS FROM PLANNED COMMUNITY BIRTHS TO HOSPITAL CARE.
J Antongiovanni, L Kenefick and H Andersen, Spokane, WA. Washington State University Elson S. Floyd College of Medicine (WSMRF)

Abstract 95

3:30 TELEMEDICINE FOR PEDIATRIC UROLOGICAL CARE DURING THE COVID-19 PANDEMIC.
G Harianja, M Reimer, C Ritchie, AS Amasyali, C Chen, D Chamberlin and J Chamberlin, Loma Linda, CA. Loma Linda University

Abstract 96

3:45 HOME BIRTH IS TRENDING: ATTITUDES AND PRECEPTIONS OF HOME AND HOSPITAL BIRTH ON TIKTOK.
F Lane, K Morris, H Stohl and AL Nelson, Pomona, CA. Western University of Health Sciences

Abstract 97

4:00 INTRA-TRANSPORT MEDICATION USE BY A REGIONAL NEONATAL TRANSPORT SERVICE.
DA McKissic, ZC Billimoria, R Mastroianni, T Riley, JE James, R Umoren and M Gray, Seattle, WA. University of Washington (WSMRF)

Abstract 98

- 4:15 PEDIATRIC RESIDENTS' BELIEFS AND PERCEIVED BARRIERS AROUND FAMILY-CENTERED ROUNDS AT A LARGE ACADEMIC CENTER.**
T Wang and B Afghani, Orange, CA. UC Irvine School of Medicine CHOC Hospital of Orange County
Abstract 99
- 4:30 S.T.A.B.L.E TRAINING INCREASES KNOWLEDGE OF POST-RESUSCITATION STABILIZATION IN PEDIATRIC RESIDENTS.**
A Cohen, A Judkins and T DuPont, Salt Lake City, UT. University of Utah Health
Abstract 100
- 4:45 RESIDENT PERCEPTIONS AND CONFIDENCE REGARDING PEDIATRIC PREVENTIVE CARE.**
A Etcheverry, D Jones and K Arulmozhi, Madera, CA. Valley Children's Healthcare
Abstract 101
- 5:00 IMPACT OF A SEMI-AUTONOMOUS TREATMENT ALGORITHM ON FETAL HEART RATE TRACING FOR THE MANAGEMENT OF SEVERE HYPERTENSION IN PREGNANCY.**
A Sanchez and C Martin, Loma Linda, CA; Pomona, CA. Loma Linda University School of Medicine Western University of Health Sciences (WAFMR)
Abstract 102
- 5:15 RELATIONSHIP BETWEEN TIME OF PARALYTIC ADMINISTRATION TO FIRST INTUBATION ATTEMPT AND CORMACK-LEHANE GRADE: A COMPARISON OF ROCURONIUM AND SUCCINYLCHOLINE.**
J Ramsey, K Pache, M Sayre, C Maynard, NJ Johnson and CR Counts, Seattle, WA. University of Washington
Abstract 103
- 5:30 EXERCISE AS A POSSIBLE TREATMENT FOR NOCTURIA VIA CIRCADIAN REALIGNMENT.**
BP LeMaster, J Cloninger, DR Bruns, NL Bedford and EE Schmitt, Seattle, WA; Laramie, WY; Laramie, WA. University of Washington University of Wyoming
Abstract 104

Hematology and Oncology I

Green Room (Sunset Center)

Gino In, Presiding

- 3:15 FRUCTOSE-1,6-BISPHOSPHATASE 1-ALTERED CARBOHYDRATE METABOLISM REDUCES LEUKEMIC VIABILITY THROUGH ACTIVATING P53 AND MODULATING MITOCHONDRIAL QUALITY CONTROL SYSTEM IN VITRO.**
L Tran, Y Xu, J Tang, V Nguyen, E Sewell, J Xiao, C Hino, S Wasnik, O Francis-Boyle, K Zhang, L Xie, J Zhong, D Baylink, C Chen, M Reeves and H Cao, Loma Linda, CA; College Station, TX. Loma Linda University
Abstract 105

- 3:30 COMPARATIVE ANALYSIS OF LUNG CANCER BIOPSIES ON SUCCESS OF NEXT-GENERATION SEQUENCING.**
R Diep, M MacDonald, RA Cooper, A Grzegorzczuk, R Rakocevic, C Chang and J Nieva, Colton, CA; Los Angeles, CA. California University of Science and Medicine (WSMRF)
Abstract 106
- 3:45 UNDERSTANDING RADIATION THERAPY SENSITIVITY IN INVASIVE LOBULAR CARCINOMA OF THE BREAST.**
M Boysen, M Sikora and M Shackleford, Aurora, CO. University of Colorado Anschutz Medical Campus
Abstract 107
- 4:00 DEEP LEARNING FOR PAROTID TUMOR SEGMENTATION AND SCREENING.**
S Salehi, P Chang, W Shao and E Chu, Irvine, CA. University of California, Irvine, School of Medicine
Abstract 108
- 4:15 IMPACT OF DERMATOLOGY ACCESS IN RURAL MELANOMA DETECTION.**
S Martinez, B Schumaker and T Quest, Seattle, WA. University of Washington
Abstract 109
- 4:30 HEMOGLOBIN ROTHSCILD: A LOW OXYGEN AFFINITY HEMOGLOBINOPATHY.**
A Chaudhry, R Sharma, A Aboeed and E Cobos, Bakersfield, CA; Los Angeles, CA. Kern Medical David Geffen School of Medicine, UCLA
Abstract 110
- 4:45 AN INTERNATIONAL COMPARISON OF PHOSPHODIESTERASE-5 INHIBITOR ASSOCIATED MELANOMA.**
K Mai, Q Pham, J Park and Y Kuo, Pomona, CA; Taipei, Taiwan. Western University of Health Sciences
Abstract 112
- 5:00 INCREASING CERVICAL CANCER SCREENING ON THE BLACKFEET RESERVATION.**
E Every, Spokane, WA. University of Washington School of Medicine (WSMRF)
Abstract 113
- 5:15 PYODERMA GANGRENOSUM PRESENTING AFTER TREATMENT OF B CELL ACUTE LYMPHOBLASTIC LEUKEMIA.**
M Marquez, K Fernandez, S Sukumaran and A Davis, Madera, CA. Valley Children's Healthcare
Abstract 114

Neonatology General II

Babcock #6 (Sunset Center)

Kathleen Hannan and Tai-Wei Wu, Presiding

3:15 THE NEW APGAR SCORE: OXYGENATION AT 5 MINUTES.

*H Lee, X Cui and A Katheria, Palo Alto, CA; San Diego, CA. Stanford University
California Perinatal Quality Care Collaborative (WSPR)*

Abstract 115

3:30 END-USER ASSESSMENT OF A NOVEL LOW-COST INFANT WARMER IN LOW-RESOURCE SETTINGS IN NEPAL.

MR KC, M Massey, Z Khan, N Brzezinski, S Everett, B Fassl, BD Tomlin and A Judkins, Salt Lake City, UT; Rootstown, OH; Kathmandu, Nepal. Northeast Ohio Medical University

Abstract 116

3:45 COMPARISON OF ADVERSE EVENTS WHILE PERFORMING ENDOTRACHEAL INTUBATION FOR INFANTS RECEIVING NONINVASIVE POSITIVE PRESSURE VENTILATION DURING THE PROCEDURE TO THOSE NEEDING POSITIVE PRESSURE VENTILATION WITH MASK.

A Leathe, E Young, R Ramanathan and M Biniwale, Los Angeles, CA. LAC+USC Medical Center

Abstract 117

4:00 APPROPRIATE CPAP USE IN THE DELIVERY ROOM: IMPLEMENTING A RESPIRATORY DISTRESS SCORING TOOL BY THE PEDIATRIC RESIDENT TEAM.

C Torsitano, M Baserga, K Stowers and M Harousseau, Salt Lake City, UT. University of Utah (WSPR Prolacta Resident Research Travel Award)

Abstract 118

4:15 *Stanford University Philip Sunshine State-of-The-Art Speaker:* INVESTIGATING NEURODEVELOPMENTAL DISORDERS USING HUMAN BRAIN ORGANIDS.

Anca Pasca, Stanford University

4:45 VALIDATION OF A NOVEL LOW-COST INFANT WARMER.

Z Khan, U Kirant, M Massey, S Everett, N Brzezinski, B Fassl, BD Tomlin and A Judkins, Rootstown, OH; Salt Lake City, UT; Kathmandu, Nepal. NEOMED

Abstract 119

5:00 PATENT DUCTUS ARTERIOSUS TREATMENTS AND HIGH GRADE INTRAVENTRICULAR HEMORRHAGE IN PRETERM INFANTS.

J Kim, BJ Cacho, C Lee, P Chun, A Marshall and D Deming, Loma Linda, CA. Loma Linda University School of Medicine

Abstract 120

5:15 MATERNAL AND NEONATAL HEALTHCARE ACCESS BEFORE AND AFTER A BIRTHING CENTER UPGRADE IN A REMOTE NEPAL DISTRICT.

DP Curtis, A Baumann, A Judkins, B Lamichhane, R Miyan, J Lama, P Karki and B Fassel, Rootstown, OH; Salt Lake City, UT, Afghanistan. Northeast Ohio Medical University (WSMRF)

Abstract 121

5:30 IMPACT OF SARS-COV2 INFECTION DURING PREGNANCY ON MATERNAL AND NEONATAL OUTCOMES.

NC Alvarado, AM Yeh, L Barton, R Ramanathan and M Biniwale, Los Angeles, CA. USC Keck School of Medicine

Abstract 122

Neonatology Pulmonary II

Rehearsal Room (Sunset Center)

Cassidy Delaney and Eniko Sajti, Presiding

3:15 ANTENATAL ENDOTOXIN IMPAIRS AIRWAY AND PARENCHYMAL LUNG GROWTH AND FUNCTION IN INFANT RATS: A POTENTIAL ROLE FOR DYSPANAPHSIS?

E McGinn, T Gonzalez, E Bye, J Bilodeaux, G Seedorf, S Alexander, B Smith, SH Abman and E Mandell, Aurora, CO. University of Colorado University of Colorado (WSPR Abbott Nutrition Outstanding Resident Research Award)

Abstract 123

3:30 PULMONARY CYP2E1 EXPRESSION DURING LUNG DEVELOPMENT PREDICTS ACETAMINOPHEN TOXICITY.

M Grayck, L Zheng, WC McCarthy, M Solar, O Lacayo, B Smith, D Orlicky, E Dobrinskikh and CJ Wright, Aurora, CO. University of Colorado Anschutz Medical Campus (WSPR Prolacta Undergraduate Research Travel Award) (WSMRF)

Abstract 124

3:45 TREM2 REGULATES THE LUNG INNATE IMMUNE RESPONSE AND THE SEVERITY OF HYPEROXIA INDUCED LUNG INJURY.

R Huff, Y Abe, N Spann, M Singhal, C Glass and E Sajti, San Diego, CA. UCSD (WSPR Reckitt/Mead Johnson Nutrition Subspecialty Award) (WSPR)

Abstract 125

**4:00 University of Utah Inaugural Kurt H. Albertine State-of-The-Art Lecture
OXYGEN AT BIRTH: MORE THAN A GAS TO BREATHE.**

Michael O'Reilly, University of Rochester Medical Center

4:30 ALVEOLAR TYPE 2 STEM CELLS IN BRONCHOPULMONARY DYSPLASIA.

R Kibe, S Danopoulos, D Al Alam and P Minoo, Los Angeles, CA. LAC+USC Medical Center Children's Hospital Los Angeles

Abstract 126

4:45 CONTINUOUS INFUSION OF RECOMBINANT INSULIN-LIKE GROWTH FACTOR 1 AND BINDING PROTEIN 3 IMPROVES STRUCTURAL INDICES OF ALVEOLAR FORMATION IN MECHANICALLY VENTILATED PRETERM LAMBS.

Z Vordos, A Rebentisch, E Major, J Van Boerum, E Dawson, D Hubbard, D Null, MJ Dahl, N Barton, G Carey, M McHale, R Ward and K Albertine, Salt Lake City, UT; Sacramento, CA; Cambridge, MA; Altrincham, United Kingdom. University of Utah (WSPR Abbott Nutrition Subspecialty Award) (WSMRF)

Abstract 127

5:00 AVR-48 TREATMENT IMPROVES RESPIRATORY GAS EXCHANGE INDICES IN A PRETERM LAMB MODEL OF BRONCHOPULMONARY DYSPLASIA.

D Hubbard, D Riley, D Christensen, R Bromley, A Rebentisch, E Dawson, E Major, J Van Boerum, K Albertine and S Acharaya, Salt Lake City, UT; Fort Worth, TX; Cary, NC. University of Utah (WSMRF)

Abstract 128

5:15 EVALUATING PRESSURES AT THE NARES DURING NON-INVASIVE VENTILATION IN NEWBORN INFANTS UTILIZING NIV PLUS SOFTWARE.

K Ortiz, R Ramanathan and M Biniwale, Los Angeles, CA. LAC+USC Medical Center (WSPR)

Abstract 129

5:30 PROSTAGLANDIN-E1 INFUSION FOR DUCTAL PATENCY IN PERSISTENT PULMONARY HYPERTENSION OF THE NEWBORN.

S Tsoi, M Steurer, J Fineman and R Keller, San Francisco, CA. University of California, San Francisco

Abstract 130

Neuroscience I

Chapman #4 (Sunset Center)

Jorge Nieva, Presiding

3:15 THE BRAIN CAN REGULATE ITS OWN INSULIN BLOOD-BRAIN BARRIER TRANSPORT.

VQ Nguyen and E Rhea, Spokane, WA; Seattle, WA. University of Washington School of Medicine (WAFMR/WAP Student Subspecialty Award Winner) (WSMRF)

Abstract 131

3:30 MEMORY-RELATED REGULATION OF EXTRACELLULAR MATRIX IN THE HIPPOCAMPUS OF ANGELMAN SYNDROME MICE.

AJ Lam, W Su, Y Liu, T Reece, X Hao, M Baudry and X Bi, Pomona, CA. College of Osteopathic Medicine of the Pacific

Abstract 132

3:45 IMPROVED EXECUTIVE FUNCTIONING OUTCOMES FOLLOWING LASER ABLATION COMPARED TO ANTERIOR TEMPORAL LOBECTOMY.

K Hulse and B Grannan, Seattle, WA. University of Washington

Abstract 133

- 4:00 NEURONAL ENSEMBLES THAT DRIVE REWARD-SEEKING BEHAVIOR IN MICE MODELS OF HEROIN USE.**
SI Alvarado, S Hodgins, K Sandum, L Flom, J Crouse and A Bobadilla, Laramie, WY. University of Washington
 Abstract 134
- 4:15 GAPS IN CARE FOLLOWING FIRST TIME SEIZURE: A RETROSPECTIVE STUDY.**
CI Jenkins, AJ Cabrera, DM Goldenholz, M Estes and CM Casassa, Loma Linda, CA; Boston, MA. Loma Linda School of Medicine
 Abstract 135
- 4:30 CHARACTERIZING THE EMERGENCE OF NEURAL LANGUAGE LATERALIZATION PATTERNS IN INFANTS.**
MM Chun, MN Dang and BK Lau, Seattle, WA. University of Washington
 Abstract 136
- 4:45 HOW DO GLIOMAS AFFECT WHITE MATTER TRACT BUNDLES ASSOCIATED WITH THE LIMBIC CORTEX?**
E Fu, JA Thompson, D Ormond and AD Lee, Aurora, CO. University of Colorado School of Medicine
 Abstract 137
- 5:00 THE UNMASKED SECRETS OF A SERONEGATIVE AUTOIMMUNE ENCEPHALITIS.**
NC Trang, J Douglas, R Chavez, L Chau, K Radicic and S Mishra, Bakersfield, CA. Kern Medical
 Abstract 138
- 5:15 GUILLIAN-BARRE SYNDROME POST COVID-19 VACCINATION.**
J Abraham, VE Espinoza and K Radicic, Bakersfield, CA. Kern Medical
 Abstract 139
- 5:30 EASY TO MISS: AN ATYPICAL PRESENTATION OF AMYOTROPHIC LATERAL SCLEROSIS.**
H Arreaza, T Yomi, A Crediford and T Eftekhari, Bakersfield, CA. Clinica Sierra Vista
 Abstract 140

Pulmonary and Critical Care I

Studio 105 (Sunset Center)

Michael Schivo, Presiding

- 3:15 ROLE OF PLATELETS IN SCHISTOSOMIASIS-INDUCED PULMONARY HYPERTENSION.**
M Jordan, JN Posey, E Nozik, C Mickael, B Graham and C Delaney, Aurora, CO; San Francisco, CA. University of Colorado (WSPR)
 Abstract 141

- 3:30 POSSIBLE RACIAL BIAS IN PULSE OXIMETRY.**
BM Wong, C Yan, B Rivas and N Fleming, Sacramento, CA. UC Davis School of Medicine
Abstract 142
- 3:45 PREVALENCE AND PREDICTORS OF OBSTRUCTIVE SLEEP APNEA IN COLLEGIATE FOOTBALL PLAYERS.**
S Trikha, R Raab, T DeZeeuw, S Moore, M Neagle, M Petrun and J Broussard, Fort Collins, CO. University of Colorado
Abstract 143
- 4:00 MANAGING LIFE-THREATENING COMPLICATIONS OF WEST NILE ENCEPHALITIS.**
A Patel, M Singh, T Jestila and I Garcia-Pacheco, Bakersfield, CA. Kern Medical Center
Abstract 144
- 4:15 PLATELET RECOVERY AND PERIOPERATIVE RISK AFTER CARDIAC SURGERY.**
J Plaisted and N Clendenen, Aurora, CO. University of Colorado School of Medicine (WAFMR/WAP Student Subspecialty Award Winner)
Abstract 145
- 4:30 LONG-TERM OUTCOMES OF CHRONIC REFRACTORY COUGH.**
E Simmons, BJ Becerra, P Krishna, B Crawley and T Murry, Loma Linda, CA; Philadelphia, PA; San Bernardino, CA. Loma Linda University School of Medicine
Abstract 146
- 4:45 VEGF AND ANGIOPOIETIN AS REGULATORS FOR ANGIOGENESIS IN PERIPHERAL ARTERY DISEASE.**
G Lo, R Phan and MM Radwan, Pomona, CA. Western University of Health Sciences
Abstract 147
- 5:00 MICROBIOME OF TRACHEAL ASPIRATE AND CLINICAL OUTCOMES IN INTUBATED VERY LOW BIRTH WEIGHT INFANTS.**
J Huang, R Cayabyab, L Barton, R Ramanathan and M Cielo, Los Angeles, CA. LAC+USC Medical Center Keck School of Medicine of University of Southern California
Abstract 148
- 5:15 THE PERIPHERAL CENTRAL LINE: CANNULATION OF THE ACCESSORY AZGOS VEIN.**
A Garcia, VE Espinoza, H Hajeh, J Abraham, K Radicic and S Mishra, Bakersfield, CA. Kern Medical
Abstract 149
- 5:30 BILATERAL HYPOPYON IN A FATAL CASE OF STAPHYLOCOCCUS AUREUS BACTEREMIA.**
C D'Assumpcao, A Garcia, C Logan, F Venter, I Fong, K Sabetain, R Kuran, R Johnson and A Heidari, Bakersfield, CA; Bridgetown, Barbados; Cupecoy, Sint Maarten (Dutch part). Ross University School of Medicine
Abstract 150

Surgery II

Carmel Women's Club
Subhas Gupta, Presiding

- 3:15 PREVALENCE OF TRACHEOSTOMY PLACEMENT IN PATIENTS WITH SKELETAL DYSPLASIA.**
SC Eckhardt, CM Richardson, K White, SR Parikh, KE Johnson, J Bonilla-Velez and J Dahl, Seattle, WA. University of Washington School of Medicine
Abstract 151
- 3:30 VIABILITY OF CONSISTENT MAXIMUM GLOTTIC ANGLE MEASUREMENTS ACROSS REPEAT VISITS.**
D DeChance, S Dehom and B Crawley, Loma Linda, CA. Loma Linda University School of Medicine
Abstract 152
- 3:45 THE “ZOOM BOOM” OF THE COVID-19 PANDEMIC WAS IRONICALLY LINKED TO BODY PROCEDURES.**
D Sokolov and S Gupta, Loma Linda, CA. Loma Linda University School of Medicine (WSMRF)
Abstract 153
- 4:00 UROLOGICAL RISK FACTORS FOR URINARY TRACT INFECTIONS AND ALLOGRAFT FAILURE IN PEDIATRIC RENAL TRANSPLANTATION.**
V Seidel, M Buell, K Cheng, D Chamberlin and J Chamberlin, Loma Linda, CA. Loma Linda University
Abstract 154
- 4:15 PERCUTANEOUS TREATMENT OF SUBACROMIAL IMPINGEMENT SYNDROME, A RETROSPECTIVE REVIEW.**
CK O'Neill, TJ Robinson, B Bender and J McGinley, Seattle, WA; Laramie, WY; Casper, WY. University of Washington WWAMI Program
Abstract 155
- 4:30 DO PATIENTS WITH INSERTIONAL ACHILLES TENDINOPATHY HAVE DIFFERENT MORPHOLOGIC AND RADIOGRAPHIC ALIGNMENT FEATURES OF THE FOOT?**
ML Carpenter, W Gu, J Ansah-Twum, M Zhu, M Myerson and S Li, Aurora, CO; San Diego, CA; Denver, CO. University of Colorado Anschutz Medical Campus
Abstract 156
- 4:45 COMPARISON OF PATIENT-REPORTED OUTCOMES FOLLOWING THREE DIFFERENT THUMB CARPOMETACARPAL ARTHROPLASTY TECHNIQUES.**
A Hirpara, T France, N Tucker, F Scott, F Leversedge and A Lauder, Aurora, CO. University of Colorado School of Medicine
Abstract 157

5:00 INHIBITORY EFFECT OF CRYSTALLINS ON LENS EPITHELIAL TO MESENCHYMAL TRANSITION VIA BLOCKING OF AB-CRYSTALLIN ACTIVITY.

R Choudhury, M Nam, S Panja and RH Nagaraj, Aurora, CO. University of Colorado School of Medicine

Abstract 158

5:15 ABDOMINAL AORTIC DISSECTION IS THE PREDOMINANT FORM OF ABDOMINAL AORTIC PATHOLOGY IN VASCULAR EHLERS-DANLOS SYNDROME.

S Shalhub, V Gadiraju, A El-Ghazali, S Wallace and P Byers, Seattle, WA. University of Washington

Abstract 159

5:30 HOW WELL ARE WE COMMUNICATING WITH OUR HAND TRAUMA PATIENTS? AN INVESTIGATION INTO THE READABILITY OF DISCHARGE INSTRUCTIONS FOR COMPLEX HAND INJURY PATIENTS.

MM Hirpara, N Kadakia, M Landau and S Gupta, Loma Linda, CA; Colton, CA. California University of Science and Medicine (WSMRF)

Abstract 160

WELCOME RECEPTION AND POSTER SESSION

Jointly sponsored by

WESTERN SECTION AMERICAN FEDERATION FOR MEDICAL RESEARCH
WESTERN SOCIETY FOR CLINICAL INVESTIGATION
WESTERN ASSOCIATION OF PHYSICIANS
WESTERN SOCIETY FOR PEDIATRIC RESEARCH
WESTERN STUDENT MEDICAL RESEARCH FORUM

Thursday, January 19, 2023

6:00 PM – 8:00 PM

Poster Session I - Posters 1-62

All Saints Church, Seccombe Hall

Ninth Avenue & Dolores St.

Poster Session II - Posters 63-102

Sunset Center, Carpenter Hall

Presentations will be from 6-8 pm

Odd numbered posters present from 6-7 pm

Even numbered from 7-8 pm

All welcome and encouraged to attend

POSTER SESSION I - Posters 1-62

Poster Number		Abstract/Program Number
1	SEVERE ACUTE HEMOLYTIC ANEMIA POST COVID VACCINATION. <i>J Abraham, N Heathcoat, S Mishra, N Mangat and S Ratnayake, Bakersfield, CA. Kern Medical</i>	Abstract 161
2	TOWARDS NEW ANTIMICROBIALS - TARGETING BACTERIAL RESPONSE REGULATORS. <i>C Alcantara, I Glassman, C Majdi, J Dessolin, Z Benfodda and H Szurmant, Pomona, CA; Nîmes, France; Bordeaux, France. Western University of Health Sciences (WSMRF)</i>	Abstract 162
3	IGA VASCULITIS ADULT PRESENTATION. <i>D Bergstedt, K Feldhus, A Tekriwal, I Hale and F Li, Denver, CO; Aurora, CO. St. Joseph Hospital</i>	Abstract 163
4	WEST NILE MENINGOENCEPHALITIS IN A PATIENT WITH LEIOMYOSARCOMA PRESENTING WITH NEUTROPENIC FEVER. <i>R Bilagi, L Liu, R Kulasingam, R Sharma, B Mann and K Radicic, Bakersfield, CA. Kern Medical</i>	Abstract 164

<u>Poster Number</u>	<u>Abstract/Program Number</u>
<p>5 ADDRESSING COMMUNITY CONFIDENCE AND ABILITY IN ACHIEVING HEMORRHAGIC CONTROL FOLLOWING INJURY IN SUNDANCE, WYOMING. <i>T Bohlman, Seattle, WA. University of Washington School of Medicine</i></p>	<p>Abstract 165</p>
<p>6 USING THE EPDS FOR ANTENATAL DEPRESSION SCREENING: A QUALITY IMPROVEMENT INTERVENTION PROPOSAL AT SEAMAR FAMILY MEDICINE. <i>OS Cherepakhin, Seattle, WA. University of Washington School of Medicine (WSMRF)</i></p>	<p>Abstract 166</p>
<p>7 SYSTEMIC EOSINOPHILIC DISEASE PRESENTING AS DACRYOADENITIS. <i>K Danesh, L Cohen, Y Liu, J Karlin and D Rootman, Los Angeles, CA; Loma Linda, CA. Keck School of Medicine University of California Los Angeles</i></p>	<p>Abstract 167</p>
<p>8 MILIARY REACTIVATION OF COCCIDIOIDOMYCOSIS: 5 YEARS IN THE MAKING. <i>A Dhillon, M Beuca, M Valdez and A Heidari, Bakersfield, CA. Kern Medical</i></p>	<p>Abstract 168</p>
<p>9 LARYNGEAL ASPERGILLOSIS IN AN IMMUNOCOMPROMISED PATIENT. <i>A Dhillon, C D'Assumpcao, M Valdez, A Heidari and R Kuran, Bakersfield, CA. Kern Medical</i></p>	<p>Abstract 169</p>
<p>10 SAVE A LIFE WITH A SPRAY: ADDRESSING BARRIERS TO SAFE NARCAN USE IN PLUMMER, IDAHO. <i>I Engerbretson, Seattle, WA. University of Washington (WSMRF)</i></p>	<p>Abstract 170</p>
<p>11 ANTICOAGULANT-ASSOCIATED HEAVY MENSTRUAL BLEEDING IN PRE-MENOPAUSAL WOMEN. <i>VE Espinoza, J Abraham, NU Thai, S Nersesyans, T Eftekhari, N Al-Yousfi and G Petersen, Bakersfield, CA. Kern Medical</i></p>	<p>Abstract 171</p>
<p>12 A RARE CASE OF MANDIBULAR AMELOBLASTOMA. <i>VE Espinoza, J Abraham, S Dhillon, S Nersesyans, NU Thai, T Eftekhari, N Al-Yousfi and G Petersen, Bakersfield, CA. Kern Medical</i></p>	<p>Abstract 172</p>

<u>Poster Number</u>	<u>Abstract/Program Number</u>
<p>13 SUBARACHNOID CYSTICERCOSIS PRESENTING AS CHRONIC MENINGITIS WITH SEVERE HYPOGLYCORRHACHIA: A DIAGNOSTIC CHALLENGE. J Fandino, G Hernandez, S Ratnayake, <i>VE Espinoza</i>, M Valdez, C D'Assumpcao, G Petersen, A Heidari and R Kuran, Bakersfield, CA. <i>Kern Medical</i></p>	<p>Abstract 173</p>
<p>14 THE DYNAMIC DUO: THE SCROFULA AND MYCETOMA. <i>VE Espinoza</i>, N Singh, J Nguyen, C Chiu and A Heidari, Bakersfield, CA. <i>Kern Medical</i></p>	<p>Abstract 174</p>
<p>15 BLACK TAR HEROIN AND BOTULISM. <i>VE Espinoza</i>, N Al-Yousfi, N Mangat and I Garcia-Pacheco, Bakersfield, CA. <i>Kern Medical</i></p>	<p>Abstract 175</p>
<p>16 LARGE BOWEL OBSTRUCTION CAUSED BY MASS LOCATED AT THE HEPATIC FLEXURE. <i>O Fadeyi</i>, Y Katamreddy and C Garabetian, Anaheim, CA. <i>West Anaheim Medical Center</i></p>	<p>Abstract 176</p>
<p>17 RIGHT SIDED COLON CANCER IN PATIENT PRESENTING WITH EXTENSIVE WEIGHT LOSS. <i>O Fadeyi</i>, Y Katamreddy, A Shankar and A Esmaeili, Anaheim, CA. <i>West Anaheim Medical Center</i></p>	<p>Abstract 177</p>
<p>18 PERINEPHRIC ABSCESS, FINGER ABSCESS AND LEFT CALF SWELLING IN PATIENT WITH KLEBSIELLA INFECTION. <i>O Fadeyi</i>, L Gupta, Z Sovyanhadi, V Dang and A Hakim, Anaheim, CA. <i>West Anaheim Medical Center</i></p>	<p>Abstract 178</p>
<p>19 A CASE OF COCCIDIOIDOMYCOSIS MENINGITIS TREATED WITH SUBA-ITRACONAZOLE. <i>M Fang</i> and A Heidari, Bakersfield, CA. <i>Kern Medical</i></p>	<p>Abstract 179</p>
<p>20 FROM COVID TO BOVID TO OVID: A CASE OF DISSEMINATED CRYPTOCOCCUS NEOFORMANS. <i>A Garcia</i>, C D'Assumpcao, J Abraham, M Khachatryan, J Adereti, L Moosavi, K Radicic, A Heidari and S Mishra, Bakersfield, CA; Bridgetown, Barbados. <i>Ross University School of Medicine</i></p>	<p>Abstract 180</p>

<u>Poster Number</u>	<u>Abstract/Program Number</u>
<p>21 DISSEMINATED HISTOPLASMOSIS IN CENTRAL CALIFORNIA SEEN IN AN IMMUNOCOMPROMISED PATIENT. <i>K Ghadiya, R Dunn, G Singh, H Lai and R Garcia-Pacheco, Bakersfield, CA. Kern Medical</i></p>	<p>Abstract 181</p>
<p>22 DIAGNOSTIC CHALLENGES IN THE DETECTION OF ATYPICAL STAPHYLOCOCCAL SEPTIC ARTHRITIS. <i>I Glassman, K Nguyen and A Cappadona, Pomona, CA. Western University of Health Sciences</i></p>	<p>Abstract 182</p>
<p>23 INCREASING AWARENESS AND UNDERSTANDING OF MENOPAUSE AND ITS SYMPTOMS IN DHULIKHEL, NEPAL THROUGH FLIPBOOK EDUCATION. <i>D Graham, A Dongol and P Paudel, Spokane, WA; Dhulikhel, Nepal. University of Washington</i></p>	<p>Abstract 183</p>
1.15.2023 CANCELLED	
<p>24 RISK OF ACUTE KIDNEY INJURY AFTER LOWER URINARY TRACT RECONSTRUCTION WITH EARLY NSAID THERAPY: A PROPENSITY MATCHED RETROSPECTIVE ANALYSIS. <i>D Ha, ED Blanchette, D Wilcox, VM Vemulakonda, DN Wood and KO Rove, Aurora, CO. Children's Hospital Colorado (WSMRF)</i></p>	<p>Abstract 184</p>
<p>25 CATHETERIZATION USAGE DRIVES ROUTINE CARE COSTS OF PATIENTS WITH NEUROGENIC LOWER URINARY TRACT DYSFUNCTION. <i>NT Ha, A Abedi, AS Sayegh, A La Riva, LC Perez, P Kohli, A Abedi, RP Jen, DA Ginsberg and E Kreydin, Los Angeles, CA; Downey, CA; Zanzan, , Iran (the Islamic Republic of). Keck School of Medicine, University of Southern California (WSMRF)</i></p>	<p>Abstract 185</p>
<p>26 APICAL HYPERTROPHIC CARDIOMYOPATHY MASQUERADING AS NON-ST ELEVATION MYOCARDIAL INFARCTION. <i>H Hajeh and T Win, Bakersfield, CA. UCLA Kern Medical</i></p>	<p>Abstract 186</p>
<p>27 WHAT YOU SEE IS NOT WHAT YOU GET: GERM CELL NEOPLASM IN THE SETTING OF DISSEMINATED COCCIDIOIDOMYCOSIS. <i>H Hajeh, H Aboaid, E Cobos, K Radicic and A Heidari, Bakersfield, CA; Las Vegas, NV. UCLA Kern Medical</i></p>	<p>Abstract 187</p>

Poster Number	Abstract/Program Number
<p>28 WHAT FRONT-LINE SERVICE PROVIDERS FOR PEOPLE EXPERIENCING HOMELESSNESS KNOW ABOUT BODY LICE AND ASSOCIATED DISEASES — COLORADO, 2022. <i>R Henderson, SN Rich, B Sprague, C Grano, D McCormick, E Mosites, T Bostic, SE Rowan and GE Marx, Denver, CO; Fort Collins, CO; Atlanta, GA; Aurora, CO. University of Colorado (WSMRF)</i></p>	<p>Abstract 188</p>
<p>29 A PUZZLING CASE OF FEVER-WEST NILE MENINGOENCEPHALITIS. <i>SM Hlaing, S Sadiqali, B Hamidi, V Marquez and C D’Assumpcao, Bakersfield, CA; Cupecoy, Sint Maarten (Dutch part); Bridgetown, Barbados. RioBravo Family Medicine Residency Program</i></p>	<p>Abstract 189</p>
<p>30 ASYMPTOMATIC COCCIDIOIDAL MENINGITIS RELAPSE, A DEMON IN DISGUISE. <i>L Kooner, A Heidari and R Johnson, Bakersfield, CA. Kern Medical</i></p>	<p>Abstract 190</p>
1.15.2023 CANCELLED	
<p>31 RETROSPECTIVE REVIEW OF PANCREATIC VENOUS ANATOMY. <i>MG Kwong, J Pattee, E Olson and G McLennan, Aurora, CO; Westminster, CO. University of Colorado Anschutz Medical Campus</i></p>	<p>Abstract 191</p>
<p>32 A RARE CASE OF LUPUS NEPHRITIS MANAGED WITH MULTI-MODAL IMMUNOMODULATION. <i>A Lee, C Bae and D Mandel, Irvine, CA. University of California, Irvine, School of Medicine</i></p>	<p>Abstract 192</p>
<p>33 DRY EYE POST-CATARACT SURGERY: A SYSTEMATIC REVIEW. <i>H Ta, T Lien, P McCann, R Quereshi and T Li, Aurora, CO. University of Colorado School of Medicine</i></p>	<p>Abstract 193</p>
<p>34 META-ANALYSIS OF GENICULAR ARTERY EMBOLIZATION FOR TREATMENT OF OSTEOARTHRITIS OF THE KNEE. <i>AW Lyon, C Yu, E Adams and O Ahmed, Chicago, MT; Seattle, WA. University of Washington (WSMRF)</i></p>	<p>Abstract 194</p>
<p>35 ESTROGEN EXPOSURE AND PANCREATIC DUCTAL ADENOCARCINOMA RISK IN A LONGITUDINAL NATIONAL SCREENING TRIAL. <i>H Mandl, A Labora, W Armstrong and T Donahue, Los Angeles, CA. David Geffen School of Medicine, UCLA (WSMRF)</i></p>	<p>Abstract 195</p>

<u>Poster Number</u>	<u>Abstract/Program Number</u>
<p>36 GENDER-BASED VIOLENCE IN URBAN AMERICAN INDIAN / ALASKAN NATIVE COMMUNITIES: RESOURCES, INTERVENTIONS, AND COMMUNITY ACTION AT SEATTLE INDIAN HEALTH BOARD. <i>O Moeller, Seattle, WA. University of Washington School of Medicine</i></p>	<p>Abstract 196</p>
<p>37 PRIMARY CUTANEOUS DIFFUSE LARGE B-CELL LYMPHOMA, LEG TYPE PRESENTING AS HYPERCALCEMIA AND CELLULITIS – A CASE REPORT. <i>JH Nguyen, C Bauer and T Tran, Pomona, CA. Western University of Health Sciences</i></p>	<p>Abstract 197</p>
<p>38 PRESENTATION AND MANAGEMENT OF CONCOMITANT WEST NILE ENCEPHALITIS AND ACUTE ALCOHOL WITHDRAWAL. <i>N Nikolov, C McKee, S Scott, G Kooner, A Chetha, E Zamora and H Arreaza, Bridgetown, Barbados; Bakersfield, CA. Ross University School of Medicine</i></p>	<p>Abstract 198</p>
<p>39 OPTICAL COHERENCE TOMOGRAPHY IMAGING OF THE IRIDOCORNEAL ANGLE. <i>MA Ohan and A Chen, Seattle, WA. University of Washington (WSMRF)</i></p>	<p>Abstract 199</p>
<p>40 METASTATIC MELANOMA PRESENTING AS A CHEST WALL MASS FLUCTUATING IN SIZE. <i>L Okumoto, A Heidari, K Ghadiya and E Cobos, Bakersfield, CA. Kern Medical</i></p>	<p>Abstract 200</p>
<p>41 MISSED OPPORTUNITIES, A CASE OF GIANT CELL TUMOR MASQUERADING AS BACK PAIN. <i>L Okumoto, A Heidari, K Ghadiya and E Cobos, Bakersfield, CA. Kern Medical</i></p>	<p>Abstract 201</p>
<p>42 COMPARISON OF RENAL PELVIC PRESSURES IN PRONE VERSUS SUPINE PERCUTANEOUS NEPHROLITHOTOMY USING A BENCHTOP MODEL: CAN THIS ACCOUNT FOR DIFFERENCES IN SEPSIS RATES? <i>K Park, N Mack, C De Guzman, TA Clark, M Buell, K Shete, R Leu, A Amasyali, A Farkouh, E Baldwin and D Baldwin, Loma Linda, CA. Loma Linda University School of Medicine</i></p>	<p>Abstract 202</p>
<p>43 EFFECTS OF INSTRUMENTATION CHOICE ON RENAL PELVIC PRESSURES IN BENCHTOP EVALUATION OF PERCUTANEOUS NEPHROLITHOTOMY. <i>K Park, N Mack, C De Guzman, TA Clark, M Buell, R Leu, K Shete, A Amasyali, A Farkouh, E Baldwin and D Baldwin, Loma Linda, CA. Loma Linda University School of Medicine</i></p>	<p>Abstract 203</p>

<u>Poster Number</u>	<u>Abstract/Program Number</u>
<p>44 <i>EUBACTERIUM LIMOSUM</i> BACTEREMIA IN A PATIENT WITH RECTAL CARCINOMA. <i>A Patel, A Dhillon, M Valdez and A Heidari, Bakersfield, CA. Kern Medical Center</i></p>	<p>Abstract 204</p>
<p>45 A CUE TO FEVER WITH Q FEVER. <i>A Patel, M Valdez and A Heidari, Bakersfield, CA. Kern Medical Center</i></p>	<p>Abstract 205</p>
<p>46 ARE THERE SEX-BASED DIFFERENCES IN OUTCOMES AFTER HIP ARTHROSCOPY? A SYSTEMATIC REVIEW. <i>H Crofts, C Proceviat, J Bone, J Leith, M McConkey, F Ayeni and P Lodhia, Vancouver, BC, Canada; Hamilton, Canada. UBC</i></p>	<p>Abstract 206</p>
<p>47 A CADAVERIC MODEL OF PLANTAR PRESSURE IN PROGRESSIVE COLLAPSING FOOT DEFORMITY CAUSED BY SERIAL LIGAMENT TRANSECTIONS. <i>S Renfree, S Smith, P Newton, A Ayala, H Malakoutikhah, M Borgstrom and D Latt, Tucson, AZ; Las Vegas, NV. University of Arizona College of Medicine</i></p>	<p>Abstract 207</p>
<p>48 CAREGIVER QUALITY OF LIFE IN PATIENTS WITH COCCIDIOIDOMYCOSIS. <i>R Sharma, H Aboaid, R Kuran, R Johnson and A Heidari, Bakersfield, CA. David Geffen School of Medicine, UCLA</i></p>	<p>Abstract 208</p>
<p>49 A RARE CASE OF <i>CUTIBACTERIUM</i> BIOFILM OBSTRUCTING VP SHUNT. <i>R Sharma, R Johnson, G David, M Rahimifar and A Heidari, Bakersfield, CA. Kern Medical David Geffen School of Medicine</i></p>	<p>Abstract 209</p>
<p>50 INTRAPARENCHYMAL COCCIDIOIDOMA IN A PREGNANT PATIENT. <i>C D'Assumpcao, R Sharma, R Johnson, R Kuran and A Heidari, Bakersfield, CA; Los Angeles, CA. David Geffen School of Medicine, UCLA Kern Medical</i></p>	<p>Abstract 210</p>
<p>51 COVID-19 BOOSTER VACCINE RELATED DERMATITIS: A CASE STUDY. <i>A Sheikh, S Godil and D Pham, Pomona, CA. Western University of Health Sciences</i></p>	<p>Abstract 211</p>
<p>52 ASSET-BASED RECRUITMENT AND INTERVENTION STRATEGIES FOR NON-COMMUNICABLE CHRONIC DISEASE MANAGEMENT. <i>MC Thomas, Seattle, WA. University of Washington School of Medicine</i></p>	<p>Abstract 212</p>

<u>Poster Number</u>	<u>Abstract/Program Number</u>
<p>53 INDICATIONS FOR MINIMALLY INVASIVE SUBURETERIC DEXTRANOMER/HYALURONIC ACID INJECTION AND CLINICAL RESOLUTION RATES IN VESICoureTERAL REFLUX. <i>JM Tiamzon, DA Wilkinson, L Miles, M Buell, A Farkouh, K Cheng, D Chamberlin and J Chamberlin, Loma Linda, CA. Loma Linda University School of Medicine</i></p>	<p>Abstract 213</p>
<p>54 COMMUNITY-BASED GROUPS FOR DIABETES EDUCATION AND MANAGEMENT FOR ASIAN AMERICANS IN KING COUNTY. <i>C Tran, Seattle, WA. University of Washington</i></p>	<p>Abstract 214</p>
<p>55 TAKING THE SCENIC ROUTE: ENDOPHTHALMITIS SECONDARY TO BACTEREMIA IN A PATIENT WITH SUSPECTED COLONIC MALIGNANCY. <i>S Uddin, H Hajeh, G Singh, A Heidari and I Garcia-Pacheco, Bakersfield, CA. Kern Medical</i></p>	<p>Abstract 215</p>
<p>56 A COMMUNITY HEALTH NEEDS ASSESSMENT PRIOR TO THE ESTABLISHMENT OF A NEW LEVEL 4 HOSPITAL FACILITY IN RURAL KENYA. <i>MK Bassi, PK Baadh, B Fassl, N Mulli, C Mulli, K Mulli and C Uzoukwu, Rootstown, OH; Yatta Sub-county, Kenya. Northeast Ohio Medical University</i></p>	<p>Abstract 216</p>
<p>57 A CASE OF COCCIDIOIDAL MENINGITIS WITH LOW-PRESSURE HYDROCEPHALUS. <i>M Valdez, S Mishra, R Kuran and A Heidari, Bakersfield, CA. Kern Medical</i></p>	<p>Abstract 217</p>
<p>58 A CASE OF DISSEMINATED GONOCOCCAL INFECTION WITH LARGE JOINT INVOLVEMENT. <i>M Valdez, S Ratnayake, C D'Assumpcao and A Heidari, Bakersfield, CA. Kern Medical</i></p>	<p>Abstract 218</p>
<p>59 OSTEOMYELITIS OF THE STERNUM DUE TO <i>CUTIBACTERIUM ACNES</i>: AN EMERGING PATHOGEN. <i>M Valdez, S Ratnayake, C D'Assumpcao and A Heidari, Bakersfield, CA. Kern Medical</i></p>	<p>Abstract 219</p>
<p>60 CANCELLED EFFICACY OF SMALL INCISION CATARACT SURGERY IN RURAL/CAMPAIGN-BASED VS URBAN/HOSPITAL-BASED SETTINGS IN GHANA AS PART OF A MULTI-COUNTRY STUDY. <i>C Walker, University of Washington Daybreak Vision Project</i></p>	<p>Abstract 220</p>

**Poster
Number**

**Abstract/Program
Number**

**61 INCREASING NUTRITIONAL LITERACY THROUGH RETAIL EDUCATION
IN RURAL MONTANA.**

PL Wilson, Seattle, WA. University of Washington School of Medicine

Abstract 221

**62 SIMPLIFYING INFORMATION FOR PROVIDERS AND PATIENTS ABOUT
SEXUAL ASSAULT EXAMINATIONS IN JUNEAU, ALASKA.**

A Witt, Seattle, WA. University of Washington

Abstract 222

POSTER SESSION II - Posters 63-102

Carpenter Hall, Sunset Center

Odd numbered posters present from 6-7 pm

Even numbered from 7-8 pm

<u>Poster Number</u>		<u>Abstract/Program Number</u>
63	CARDIOMYOPATHY AS AN EARLY MANIFESTATION IN JUVENILE HEMOCHROMATOSIS. H Hajeh, J Abraham, T Win, A Heidari and G Petersen, Bakersfield, CA. <i>Kern Medical</i>	Abstract 223
64	ADDRESSING THE INCREASING SIGNS OF FATIGUE POST-PANDEMIC IN ROCK SPRINGS, WYOMING. HP Ahuja, Seattle, WA. <i>University of Washington (WSMRF)</i>	Abstract 224
65	IMPLEMENTING A SCHOOL-BASED HEALTH CENTER TO IMPROVE ACCESS TO YOUTH BEHAVIORAL HEALTH SERVICES IN NEWPORT, WA. D Bohonos, Spokane, WA. <i>University of Washington School of Medicine</i>	Abstract 225
66	END-USER NEEDS AND PERCEPTIONS OF INFANT WARMERS IN THE LOW-RESOURCE HOSPITAL SETTING. MR KC, N Brzezinski, S Everett, Z Khan, M Massey, U Kirant, R Dev, S Dongol, BD Tomlin, A Judkins and B Fassl, Salt Lake City, UT; Rootstown, OH; Kathmandu, Nepal. <i>Northeast Ohio Medical University</i>	Abstract 226
67	THE IMPACT OF VARIOUS EDUCATIONAL INTERVENTIONS ON COUNSELING PRACTICES OF PEDIATRIC RESIDENTS ABOUT FIREARM SAFETY. A Bui, D Chavez, N Kumar, S Madhiredy, V Vyakaranam, S Zidan and B Afghani, Hempstead, NY; Irvine, CA; Orange, CA. <i>Donald and Barbara Zucker School of Medicine at Hofstra/Northwell University of California, Irvine (WSMRF)</i>	Abstract 227
68	PREDICTORS OF PHARMACOLOGIC TREATMENT IN NEONATES WITH PRENATAL OPIOID EXPOSURE. MA Chang, L Barton, SR Sardesai, R Ramanathan and R Cayabyab, Los Angeles, CA. <i>LAC+USC Medical Center/Keck School of Medicine of University of Southern California</i>	Abstract 228
69	INJURY PREVENTION THROUGH SCHOOL-BASED ATV SAFETY EDUCATION IN RURAL ALASKA. NL Coniglio, Seattle, WA. <i>University of Washington School of Medicine</i>	Abstract 229

Poster Number	Abstract/Program Number
<p>70 OUTCOMES OF A VESICOSTOMY IN A NEWBORN WITH UROSEPSIS SECONDARY TO ANTERIOR URETHRAL VALVES. <i>M Danusantoso, I Ike, H Donsanouphit, O Afolabi, R Kaur and T Nandhagopal, Bakersfield, CA. Kern Medical Center</i></p>	<p>Abstract 230</p>
<p>71 OUT OF AFRICA HUMAN MIGRATION AND SKIN PIGMENTATION ADAPTATION: A REVIEW ON THE EVOLUTIONARY VITAMIN D ADAPTATION HYPOTHESIS. <i>KL Diehl, EM Krippaehne, M Minasyan, M Banh, K Hajjar, J Ng, N Wais, A Goulding, IO Yu, MD Tran, A Sheikh, C Lai, N Panchal, A Kesler and OJ Wisco, Pomona, CA; Lebanon, OR; Providence, RI. Western University of Health Sciences (WSMRF)</i></p>	<p>Abstract 231</p>
<p>72 HOW FAMILY STRUCTURE AND CHILDHOOD HEALTH CARE ACCESS INFLUENCE CAREER CHOICES IN THE MEDICAL FIELD: A SURVEY OF OSTEOPATHIC MEDICAL STUDENTS. <i>N Herbert and AL Nelson, Pomona, CA. Western University of Health Sciences College of Osteopathic Medicine of the Pacific</i></p>	<p>Abstract 232</p>
<p>73 UTILITY OF REAL TIME DYNAMIC ULTRASOUND GUIDED LUMBAR PUNCTURE IN NEWBORN INFANTS BY PHYSICIANS AT DIFFERENT LEVELS OF TRAINING. <i>J Huang, R Ramanathan and AM Yeh, Los Angeles, CA. LAC+USC Medical Center Keck School of Medicine of University of Southern California</i></p>	<p>Abstract 233</p>
<p>74 FEEDING GUIDELINES FOR LATE PRETERM INFANTS: A QUALITY IMPROVEMENT INITIATIVE. <i>S Janardhan S, S Lee, and A Iacob, Long Beach, CA. MemorialCare Miller Children's and Women's Hospital Long Beach</i></p>	<p>Abstract 234</p>
<p>75 RETHINKING PARENT EDUCATION: PEDIATRIC INJURY PREVENTION CURRICULUM FOR THE EMERGENCY WAITING ROOM. <i>EC Issa, PJ Ware, P Bitange, GJ Cooper, DI Bengiamin and TP Young, Loma Linda, CA. Loma Linda University School of Medicine</i></p>	<p>Abstract 235</p>
<p>76 URTICARIA MULTIFORME IN A 12-MONTH-OLD INFANT. <i>D Jones and A Sosa, Madera, CA. Valley Children's Healthcare</i></p>	<p>Abstract 236</p>

Poster Number	Abstract/Program Number
<p>77 IMPROVING HEALTHCARE LITERACY IN KING COUNTY IMMIGRANT COMMUNITIES. <i>J Jue, Seattle, WA. University of Washington School of Medicine (WSMRF)</i></p>	<p>Abstract 237</p>
<p>78 INCREASING CONTRACEPTIVE ACCESS FOR ADOLESCENTS IN BLAINE COUNTY, IDAHO. <i>E King-Nakaoka, Seattle, WA; Moscow, ID. University of Washington University of Idaho (WSMRF)</i></p>	<p>Abstract 238</p>
<p>79 RISK FACTORS FOR UTI IN CHILDREN WITH PRENATAL HYDRONEPHROSIS AND DILATED URETER. <i>AY Lee, MG Sabbah, C Elias, M Buell, A Fisher, C McKinney, A Farkouh, K Cheng, D Chamberlin and J Chamberlin, Loma Linda, CA. Loma Linda University</i></p>	<p>Abstract 239</p>
<p>80 REPORT ON TOXICITY OF CANCER THERAPY IN CHILDREN FROM WEST TEXAS ENROLLED ON ACCESS STUDY. <i>K Mitchell, A Demopoulos, MM Al-Rahawan and M Scheurer, Lubbock, TX; Houston, TX. Texas Tech University Health Science Center School of Medicine</i></p>	<p>Abstract 240</p>
<p>81 CYCLIC VOMITING: A NEW PRESENTATION OF MITOCHONDRIAL HMG-COA SYNTHASE DEFICIENCY. <i>AD Niehaus and C Lee, Palo Alo, CA. Stanford University</i></p>	<p>Abstract 241</p>
<p>82 DUPLICATED INFERIOR VENA CAVA - A CASE STUDY. <i>H Anwar, A Pardi, M Patel, A Raquib, K Andrews, C Broniak and E Sperling, Lebanon, OR. College of Osteopathic Medicine of the Pacific Northwest, Western University of Health Sciences</i></p>	<p>Abstract 242</p>
<p>83 ASSESSMENT OF MENTAL HEALTH IN PEDIATRIC PATIENTS WITH CHRONIC SPINAL CORD DISORDERS: AN INTERIM ANALYSIS. <i>I Parrotta, S Kim, F Jin, T Chae, Z Schwartz, E Ponton, N Cheung, J Purtzki, D Duffy, W Chung and AE MacNeily, Vancouver, BC, Canada. University of British Columbia British Columbia Children's Hospital</i></p>	<p>Abstract 243</p>
<p>84 INTEGRATING BIOETHICS AND NEONATAL PALLIATIVE CARE IN A PANDEMIC: THE SCOPE OF ADVOCACY AND ONLINE COLLABORATION FOR EXCEPTIONAL LIFE-SUSTAINING MEDICAL AND SURGICAL INTERVENTIONS IN A REGIONAL NEONATAL INTENSIVE CARE UNIT. <i>VF Sullins, SK Dargan, C Kurihara, MC Beranek and S Perugu, Torrance, CA; Harbor City, CA; Los Angeles, CA. Harbor-UCLA Medical Center Kaiser Permanente South Bay Medical Center</i></p>	<p>Abstract 244</p>

<u>Poster Number</u>	<u>Abstract/Program Number</u>
<p>85 USE OF ELECTRONIC TEXT MESSAGING OF NRP PRINCIPLES TO PEDIATRIC TRAINEES & IMPACT ON RETENTION. <i>MP Martes Gomez, F Eskandar-Afshari, S Liu, K Tedesco, A Yeh, R Ramanathan and M Biniwale, Los Angeles, CA. USC Keck School of Medicine, LAC+USC Medical Center (WSPR)</i></p>	<p>Abstract 245</p>
<p>86 CHARACTERIZATION AND OUTCOMES OF SMALL FOR GESTATIONAL AGE VERY LOW BIRTH WEIGHT INFANTS. <i>K Ramm, A Hisey, NS Nanduri, Y Shao, C Marquez, L Barton, R Ramanathan and M Biniwale, Los Angeles, CA. LAC+USC Medical Center</i></p>	<p>Abstract 246</p>
<p>87 SEVERE NEONATAL ACAD9 DEFICIENCY WITH AN ATYPICAL INHERITANCE PATTERN AND URINE ORGANIC ACID PATTERN NOT PREVIOUSLY DESCRIBED IN THIS CONDITION. <i>JP Ramos, CG Tise, K Cusmano-Ozog, GM Enns, C Lee and S Bachir, Palo Alto, CA. Stanford</i></p>	<p>Abstract 247</p>
<p>88 A UNIQUE PRESENTATION OF A WELL-FUNCTIONING ADULT WITH METHYLMALONIC ACIDEMIA. <i>S Ratnayake, H Quanungo, H Quanungo and S Mishra, Miramar, FL; Bakersfield, CA. Kern Medical</i></p>	<p>Abstract 248</p>
<p>89 RESOURCES FOR PREGNANCY AND POSTPARTUM IN MADISON COUNTY, MT. <i>E Reisman, Seattle, WA. University of Washington</i></p>	<p>Abstract 249</p>
<p>90 PRESCRIBED OPIOIDS AND NEUROCOGNITIVE STATUS AMONG AMERICAN INDIAN ELDERS: DATA FROM THE STRONG HEART STUDY. <i>C Ross, JI Tsui, A Radick, J Deen, D Buchwald and A Suchy-Dicey, Seattle, WA; Pullman, WA. University of Washington School of Medicine</i></p>	<p>Abstract 250</p>
<p>91 THE ROLE OF VOIDING CYSTOURETHROGRAMS IN PRENATAL HYDRONEPHROSIS: WHEN SHOULD THEY BE USED? <i>MG Sabbah, C Elias, AY Lee, M Buell, A Fisher, C McKinney, A Farkouh, K Cheng, D Chamberlin and J Chamberlin, Loma Linda, CA. Loma Linda University</i></p>	<p>Abstract 251</p>
<p>92 UNPLANNED TEEN PREGNANCY: INCREASING ACCESS TO MEDICATION ABORTION IN BENTON-FRANKLIN COUNTY. <i>SS Sanan, Spokane, WA. University of Washington (WSMRF)</i></p>	<p>Abstract 252</p>

Poster Number	Abstract/Program Number
<p>93 TYROSINE HYDROXYLASE DEFICIENCY IN AN INFANT: A DIAGNOSTIC JOURNEY. <i>NP Sheth and L Randolph, Los Angeles, CA. Children's Hospital of Los Angeles</i></p>	<p>Abstract 253</p>
<p>94 A PILOT STUDY - FEASIBILITY OF MIDLINE CATHETER USE IN THE NEONATAL INTENSIVE CARE UNIT. <i>S Siddiqui, JP WANG, R Ramanathan and A Yeh, Los Angeles, CA. University of Southern California</i></p>	<p>Abstract 254</p>
<p>95 SMITH-LEMLI-OPITZ PHENOTYPE WITH TRANSIENTLY ABNORMAL STEROLS IN THE SETTING OF PERINATAL FENTANYL EXPOSURE, A CASE REPORT. <i>K Chikalard, A Stenftenagel and V Kimonis, Orange, CA. University of California Irvine</i></p>	<p>Abstract 255</p>
<p>96 A CASE OF HYPERTYROSINEMIA-ASSOCIATED SKIN TOXICITY OF NITISINONE TREATMENT IN ALKAPTONURIA. <i>S Tahata, CG Tise, K Cusmano-Ozog and GM Enns, Stanford, CA. Stanford University</i></p>	<p>Abstract 256</p>
<p>97 INTIMATE PARTNER SEXUAL VIOLENCE IS ASSOCIATED WITH HARMFUL ALCOHOL USE IN KENYAN FEMALE SEX WORKERS. <i>D Tolstrup, JR James and S Graham, Seattle, WA. University of Washington School of Medicine</i></p>	<p>Abstract 257</p>
<p>98 RAINE SYNDROME: PRENATALLY IDENTIFIED SEVERE CRANIOFACIAL PHENOTYPE WITH MULTISUTURE SYNOSTOSIS AND BRAIN ABNORMALITIES. <i>C Verscaj, C Smith, M Homeyer and DR Matalon, Stanford, CA. Stanford University</i></p>	<p>Abstract 258</p>
<p>99 A SUDDEN COLLAPSE IN A HEALTHY NEWBORN INFANT WITHIN FIRST HOUR OF LIFE. <i>J Wang, K Tedesco, S Siddiqui, R Ramanathan and AM Yeh, Los Angeles, CA. University of Southern California/LAC+USC Medical Center</i></p>	<p>Abstract 259</p>
<p>100 RISK FACTORS FOR URINARY TRACT INFECTIONS IN CHILDREN WITH PRIMARY VESICOURETERAL REFLUX. <i>DA Wilkinson, L Miles, JM Tiamzon, M Buell, K Chang, A Farkouh, D Chamberlin and J Chamberlin, Loma Linda, CA. Loma Linda University School of Medicine</i></p>	<p>Abstract 260</p>

**Poster
Number**

**Abstract/Program
Number**

- 101 BEHAVIORAL AND PHARMACOLOGIC TREATMENTS UTILIZED BY PATIENTS WITH METHAMPHETAMINE USE DISORDER IN RURAL-SERVING PRIMARY CARE CLINICS IN THE PACIFIC NORTHWEST.**

M Yerton, C McCabe, M Iles-Shih and K Hallgren, Seattle, WA. University of Washington School of Medicine (WSMRF)

Abstract 261

- 102 RAPID ACQUISITION OF NEONATAL ECHOCARDIOGRAPHY SKILLS USING A NEONATAL ECHOCARDIOGRAPHIC SIMULATOR.**

J Yom, B Siassi, R Cayabyab, MA Adie, M Ebrahimi and R Ramanathan, Los Angeles, CA. LAC+USC Medical Center, Keck School of Medicine of University of Southern California

Abstract 262

CONCURRENT SESSIONS

Friday, January 20, 2023
8:00 AM – 10:00 AM

Jointly sponsored by

WESTERN SECTION AMERICAN FEDERATION FOR MEDICAL RESEARCH
WESTERN SOCIETY FOR CLINICAL INVESTIGATION
WESTERN ASSOCIATION OF PHYSICIANS
WESTERN SOCIETY FOR PEDIATRIC RESEARCH
WESTERN STUDENT MEDICAL RESEARCH FORUM

Adolescent Medicine and General Pediatrics I.....Studio 105
Cardiovascular III.....Promenade Lobby
Case Reports ICarpenter Hall
Endocrinology and Metabolism II.....Carmel Women’s Club
Gastroenterology.....Babcock #6
Genetics I.....Rehearsal Room
Neonatology – General III.....All Saints Church, Seccombe Hall
Neonatology – Perinatal Biology I.....Chapman #4
Surgery IIIRoom 5, Sunset Center

Adolescent Medicine and General Pediatrics II

Studio 105 (Sunset Center)

Dana Gerstbacher and Alberta Kong, Presiding

8:00 EFFICACY OF PROCEDURAL TREATMENTS FOR PEDIATRIC HIDRADENITIS SUPPURATIVA: A SYSTEMATIC REVIEW.

N Parvathala, R Masson, EJ Ma, T Shih, S Atluri, M Hogeling, V Shi and J Hsiao, Los Angeles, AZ; Los Angeles, CA; Tucson, AZ; Little Rock, AR. Keck School of Medicine (WSMRF)

Abstract 263

8:15 BYE BYE BIOPSIES? EVALUATING CLINICAL IMPLEMENTATION OF URINARY CXCL10/CREATININE MONITORING IN PEDIATRIC KIDNEY TRANSPLANT RECIPIENTS.

EK Chan, J Bone, A Thachil, K Vytlingam and TD Blydt-Hansen, Vancouver, BC, Canada. University of British Columbia (WSMRF)

Abstract 264

8:30 COST SAVINGS ANALYSIS OF A CLINICAL PATHWAY FOR DIAGNOSTIC TESTING IN PEDIATRIC HYPERTENSION.

GV Da Roza, M Catapang, L Ding and J Dionne, Vancouver, BC, Canada. University of British Columbia (WSMRF)

Abstract 265

8:45 SLEEP CHARACTERISTICS AND HEALTH-RELATED QUALITY OF LIFE IN

ADOLESCENTS WITH TYPE 1 DIABETES.

ML Dobbin, KJ Nadeau, M Cree-Green, S Simon and J Snell-Bergeon, Parker, CO; Aurora, CO. Rocky Vista University (WSPR Prolacta Medical Student Research Travel Award)

Abstract 266

9:00 SINGLE-CELL RNA SEQUENCING OF REPAIR TISSUE FORMED AFTER GROWTH PLATE INJURY REVEALS A POTENTIAL ROLE FOR MACROPHAGES AND MESENCHYMAL PROGENITOR CELLS IN BONY BAR FORMATION.

A Mantha, S Thomas, E Beltrand and K Payne, Aurora, CO. University of Colorado Anschutz Medical Campus

Abstract 267

9:15 WERNICKE ENCEPHALOPATHY IN A PEDIATRIC PATIENT WITH FEEDING INTOLERANCE.

AS Drury, L D'Annibale, KS Jin, S Osburn and J Snider, Madera, CA; Palo Alto, CA; Mesa, AZ. Valley Children's Hospital

Abstract 268

9:30 EFFICACY OF MEDICAL TREATMENTS FOR PEDIATRIC HIDRADENITIS SUPPURATIVA: A SYSTEMATIC REVIEW.

EJ Ma, R Masson, N Parvathala, T Shih, S Atluri, M Hogeling, V Shi and J Hsiao, Los Angeles, CA; Tucson, AZ; Little Rock, AR. Keck School of Medicine (WSMRF)

Abstract 269

9:45 LEVATOR VELI PALATINI MUSCLE GROWTH AND ASYMMETRY WITHIN THE FIRST TWO YEARS OF LIFE.

S Levene, I Neuberger, A Piccorelli, K Barhaghi and K Kotlarek, Seattle, WA; Aurora, CO; Laramie, WY. University of Washington School of Medicine (WSMRF)

Abstract 270

Cardiovascular III

Promenade Lobby (Sunset Center)

Jon Kobashigawa, Presiding

8:00 IN-STENT RE-STENOSIS FOR TRANSPLANT CORONARY ARTERY DISEASE IN THE CURRENT ERA FOR HEART TRANSPLANTATION.

T Yeomans, S Kim, N Patel, T Singer-Englar, M Hamilton and J Kobashigawa, Beverly Hills, CA. Cedars-Sinai Heart Institute (WSMRF)

Abstract 271

8:15 WHICH REDO HEART TRANSPLANT PATIENTS ARE IN NEED OF COMBINED HEART-KIDNEY TRANSPLANTATION?

J Hu, T Singer-Englar, N Patel, S Kim, M Hamilton and J Kobashigawa, Beverly Hills, CA. Cedars-Sinai Heart Institute (WSMRF)

Abstract 272

8:30 CARDIAC REGENERATIVE POTENTIAL OF EPICARDIAL ADIPOSE TISSUE-DERIVED STEM CELLS.

P Cheng, A Keklikian, DK Agrawal and FG Thankam, Pomona, CA. College of Osteopathic Medicine of the Pacific, Western University of Health Sciences

Abstract 273

8:45 PRESENTATION OF TAKOTSUBO CARDIOMYOPATHY IN A PATIENT WITH CORONAVIRUS-19 DISEASE.

RV Kulasingam, H Ipalawatte, R Jariwal, L Moosavi, A Ghandforoush, R Garcia-Pacheco, S Mishra and F Joolhar, Bakersfield, CA. Kern Medical Center

Abstract 274

9:00 PURULENT PERICARDITIS DUE TO NON-TYPEABLE HAEMOPHILUS INFLUENZAE IN A PEDIATRIC PATIENT.

L Ejaz, C El Nakib, I Cherrick, L Weiner and A Wratney, Syracuse, NY. SUNY Upstate Medical University

Abstract 275

9:15 A NOVEL PATHWAY TO AN ELEVATED N-TERMINAL PROHORMONE-B-TYPE NATRIURETIC PEPTIDE (NT-PROBNP).

LF Messele and S Jimenez, Sacramento, CA. UC Davis

Abstract 276

9:30 THE MEANING OF QUILTY IN HEART TRANSPLANT AND MYOCARDIAL BIOPSIES.

B Salfer, N Patel, S Kim, T Singer-Englar, M Hamilton and J Kobashigawa, Beverly Hills, CA. Cedars-Sinai Heart Institute (WSMRF)

Abstract 277

9:45 EARLY CARDIAC REPOLARIZATION IN THE NOVEL PH-INSENSITIVE SODIUM-CALCIUM EXCHANGE MOUSE.

A Bickman, R Zhang, R Norris, L Li, S John, KD Philipson, M Ottolia and J Goldhaber, Los Angeles, CA. UCLA School of Medicine (WSMRF)

Abstract 278

Case Reports I

Carpenter Hall (Sunset Center)

W. Conrad Liles, Presiding

8:00 NF1 MICRODELETION SYNDROME WITH 16Q24.3 MICRODUPLICATION.

P Swaminathan, V Taliercio and D Viskochil, Salt Lake City, UT. University of Utah School of Medicine

Abstract 279

8:15 ACUTE ONSET ENCEPHALOPATHY: A CASE OF LATE-ONSET MAPLE SYRUP URINE DISEASE IN A PEDIATRIC PATIENT.

M Hockley, A Emamian, U Naber, J Woods, A Roberts and CI Galarreta Aima, Fresno, CA. Valley Children's Healthcare

Abstract 280

- 8:30 TO CLOSE OR NOT TO CLOSE: A CASE OF PATENT FORAMEN OVALE IN A SICKLE CELL DISEASE PATIENT PRESENTING WITH STROKE.**
H Hajeh and T Win, Bakersfield, CA. UCLA Kern Medical
Abstract 281
- 8:45 NEONATAL DIAGNOSIS OF ANOMALOUS RIGHT CORONARY ARTERY FROM THE PULMONARY ARTERY.**
I Jhamb, K Schulkers Escalante, J Gomez-Arostegui, R Song, M Parast and C Davis, San Diego, CA. University of California San Diego Rady Children's Hospital
Abstract 282
- 9:00 PHENOTYPIC SPECTRUM OF 17Q23.1-Q23.2 MICRODELETION SYNDROME.**
JD Refkin, F Ahmed, A Suzuki, C DeFilippo, SP Shankar and MM Martin, Sacramento, CA. UC Davis
Abstract 283
- 9:15 IDIOPATHIC RHABDOMYOLYSIS IN THE SETTING OF MULTIORGAN DYSFUNCTION IN A 3-MONTH-OLD INFANT.**
YH Mousa, A Patel and T Nandhagopal, Bakersfield, CA. Kern Medical Center
Abstract 284
- 9:30 VERHEIJ SYNDROME, CASE REPORT.**
GA Lorusso Vivas, C Matheus, P Borjas and J Tolosa, Los Angeles, CA; Miami, FL. LAC + USC University of Miami
Abstract 285
- 9:45 QRICHI-RELATED DISORDER: PHENOTYPE EXPANSION VERSUS BLENDED PHENOTYPE.**
G Akay, V Taliercio, J Palumbos and D Viskochil, Salt Lake, UT. University of Utah
Abstract 286

Endocrinology and Metabolism II

Carmel Women's Club

Sebastien Fuchs, Presiding

- 8:00 DIFFERENCES IN ABDOMINAL LIPID COMPOSITION IN YOUTH WITH CONGENITAL ADRENAL HYPERPLASIA.**
MS Kim, BR Newcomer, A Taylor, A Carreau, NR Fraga, TA Pickering, D Hwang, M Geffner and M Cree-Green, Los Angeles, CA; Quebec City, , Canada; Baton Rouge, LA. Children's Hospital Los Angeles (WAFMR)
Abstract 287
- 8:15 DECREASED PERFORMANCE ON NEUROPSYCHOLOGICAL TESTING IN CHILDREN WITH CONGENITAL ADRENAL HYPERPLASIA.**
EA Deras, SH O'Neil, OC Biele, NR Fraga and MS Kim, Los Angeles, CA. Children's Hospital Los Angeles
Abstract 288
- 8:30 HYPOTHALAMIC AGING: THE DETERIORATION OF AGRP NEURONS AND**

TANYCYTIC REGULATION.

D Ardjmand and V Pham, Berkeley, CA; San Francisco, CA. University of California, Berkeley University of California, San Francisco (WSMRF)

Abstract 289

8:45 DEVELOPMENT AND VALIDATION OF A COMPUTABLE PHENOTYPE FOR TURNER SYNDROME USING ELECTRONIC HEALTH RECORDS FROM A NATIONAL PEDIATRIC NETWORK.

SD Huang, H Seyoum, A Furniss, V Bamba, PY Fetchner, C Ikomi, L Nahata, N Nokoff, L Pyle and S Davis, Aurora, CO; Los Angeles, CA; Philadelphia, PA; Wilmington, DE; Seattle, WA; Columbus, OH. CU Anschutz, UCLA (WSMRF)

Abstract 290

9:00 DEVELOPMENT OF A KLINEFELTER SYNDROME SPECIFIC STATURE-FOR-AGE GROWTH CHART.

T Marshall, L Pyle, A Furniss and S Davis, Aurora, CO. University of Colorado School of Medicine (WSMRF)

Abstract 291

9:15 DESIGN OF AN INTERNATIONAL MALE CONTRACEPTIVE EFFICACY TRIAL USING A SELF-ADMINISTERED DAILY TRANSDERMAL GEL CONTAINING TESTOSTERONE AND NESTORONE™.

J Amory, D Blithe, R Sitruk-Ware, R Swerdloff, WJ Bremner, C Dart, P Liu, A Thirumalai, B Anawalt, M Lee, S Page and C Wang, Seattle, WA; Torrance, CA; New York, NY; Bethesda, MD; Morrisville, NC. University of Washington (WAP)

Abstract 292

9:30 A CASE OF SCHMIDT'S.

J Abraham, VE Espinoza, S Nersesyans, G Petersen and A Heidari, Bakersfield, CA. Kern Medical

Abstract 293

9:45 SHOULD DIAZOXIDE BE CONTRAINDICATED WITH ANY EVIDENCE OF BASELINE PULMONARY HYPERTENSION IN NEONATES?

S Newman-Lindsay, D Sankaran and S Lakshminrusimha, Sacramento, CA. UC Davis Medical Center

Abstract 294

Gastroenterology

Babcock #6 (Sunset Center)

John Inadomi and Hal Yee, Presiding

8:00 ENDOTOXEMIA INDUCED TRANSCRIPTIONAL REGULATION OF THE HEPATIC ACUTE PHASE PROTEIN CRP IS DRIVEN BY P50.

D Balasubramaniyan, L Zheng, WC McCarthy, MR Grayck, M Solar and CJ Wright, Aurora, CO. University of Colorado Anschutz Medical Campus (WSMRF)

Abstract 295

8:15 DIAGNOSTIC CONUNDRUM IN A CASE OF ACUTE ACALCULOUS

CHOLECYSTITIS.

M Casper, M Chalupsky, M Larson and V Sinigayan, Sacramento, CA. University of California, Davis

Abstract 296

8:30 THE HEPATIC ACUTE PHASE RESPONSE TO ENDOTOXEMIA EXHIBITS ZONE-SPECIFIC INDUCTION OF C-REACTIVE PROTEIN.

WC McCarthy, L Zheng, D Balasubramaniyan, MR Grayck, M Solar, L Sherlock, E Dobrinskikh and CJ Wright, Denver, CO. CU Anschutz Medical Campus

Abstract 297

8:45 LIVER FAILURE IS ASSOCIATED WITH ENDOTHELIAL PERMEABILITY WHICH IS ATTENUATED BY LIVER TRANSPLANT.

CK Robinson, JG Jiang, P Stafford, S Mitra, IE Rodriguez, HB Moore and MJ Cohen, Aurora, CO. University of Colorado, School of Medicine (WAFMR/WAP Student Subspecialty Award Winner)

Abstract 298

9:00 HUMAN MILK FEEDING PROMOTES GASTROINTESTINAL DEVELOPMENT IN FIRST SIX MONTHS OF LIFE COMPARED TO INFANT FORMULA FEEDING IN A NEONATAL PIGLET MODEL.

Z Fishburn, A Crandall, L Nunez, Y Chen and B Fehrenkamp, Moscow, ID; Seattle, WA. University of Idaho University of Washington

Abstract 299

9:15 ROPE-LIKE CANDY CAUSING SMALL BOWEL OBSTRUCTION.

J Douglas, NC Trang, H Lai and E Cobos, Bakersfield, CA. Kern Medical

Abstract 300

9:30 A CONUNDRUM OF COEXISTENCE: ULCERATIVE COLITIS AND RECURRENT CLOSTRIDIUM DIFFICILE INFECTION.

K Elsherif, M Valdez, K Singh, M Fang and A Heidari, Bakersfield, CA. Kern Medical Center

Abstract 301

9:45 CONTINUOUS FEEDING MACHINE FOR DEVELOPMENT OF EXPERIMENTAL NECROTIZING ENTEROCOLITIS IN A RAT PUP MODEL.

GD Mladenov, MA Sacks, YS Mendez, FA Khan and A Radulescu, Loma Linda, CA. Loma Linda University Children's Hospital

Abstract 302

Genetics I

Rehearsal Room (Sunset Center)

Bianca Russell and Christina G. Tise, Presiding

8:00 CORRELATION OF AGE OF ONSET AND CLINICAL SEVERITY IN NIEMANN-PICK DISEASE TYPE C1 WITH LYSOSOMAL ABNORMALITIES AND GENE EXPRESSION.

JL Rodriguez-Gil, LL Baxter, DE Watkins-Chow, NL Jonhson, RK Dale, F Porter and WJ Pavan, Palo Alto, CA; Bethesda, MD. Stanford University Stanford University NHGRI/NIH (AFMR Henry Christian Award) (WAFMR)

Abstract 303

- 8:15 CORTICAL BRAIN ORGANOID IN A ZERO GLUCOSE ENVIRONMENT, A STEP FURTHER INTO USING ORGANOID AS MODELS FOR NEONATAL HYPOGLYCEMIA.**
L Forero, AE Lee, LM Bird, C Snethlage, A Gomes, A Muotri and B Barshop, San Diego, CA. University of California San Diego
Abstract 304
- 8:30 GET MADD: INTRAVENOUS MULTIVITAMIN SHORTAGE MASQUERADING AS MULTIPLE INBORN ERRORS OF METABOLISM.**
R Frankel, CG Tise and K Cusmano-Ozog, Stanford, CA. Stanford University
Abstract 305
- 8:45 ELEVATED HEX4 IN DISORDERS OF AUTOPHAGY: THE VALUE OF BIOCHEMICAL GENETICS LABORATORY STUDIES IN CLARIFYING A VUS.**
AM Sule, L Calderwood, GM Enns, K Cusmano-Ozog, T Cowan and CG Tise, Palo Alto, CA. Stanford University
Abstract 306
- 9:00 HOMOZYGOUS FRAMESHIFT VARIANT IN LYSOSOME-ASSOCIATED MEMBRANE GLYCOPROTEIN 3 IN A PATIENT WITH INTERSTITIAL LUNG DISEASE DUE TO POSSIBLE SURFACTANT PROTEIN DYSFUNCTION.**
L Keehan, D Bonner, E Kravets, J Kohler, C Reuter, S Marwaha, U Network, P Fisher, E Ashley, M Wheeler and JA Bernstein, Stanford, CA; Bethesda, MD. Stanford University Stanford Center for Undiagnosed Diseases
Abstract 307
- 9:15 EVALUATING CFLAR AS A NOVEL DISEASE GENE IN A FAMILY WITH PROGRESSIVE PULMONARY, LIVER AND NEUROLOGICAL SYMPTOMS.**
MV Suárez-Nieto, RJ Levy, A Cepika, J Kohler, M Ruzhnikov and N Gomez-Ospina, Palo Alto, CA. Stanford University
Abstract 308
- 9:30 CHARACTERIZATION OF TWO NOVEL DNASE1L3 VARIANTS IN A PATIENT WITH A MONOGENIC FORM OF SYSTEMIC LUPUS ERYTHEMATOSUS.**
A Leon, L Pimentel Vera, D Bonner, J Kohler, C Reuter, D Zastrow, M Majcherska, L Fernandez, C McCormack, S Marwaha, P Fisher, E Ashley, J Maller, J Hsu, I Balboni, J Bernstein, M Wheeler and N Gomez-Ospina, Stanford, CA. Stanford University
Abstract 309
- 9:45 EXON 6 DELETION IN LIPASE MATURATION FACTOR-1 AS A CAUSE OF FAMILIAL CYHLOMICRONEMIA SYNDROME.**
A Bjarvin and M Peterfy, Pomona, CA. Western University of Health Sciences
Abstract 310

Neonatology General III

All Saints Church, Seccombe Hall

Rowena Cayabyab and Michael Cookson, Presiding

- 8:00 DISMANTLING THE MODEL MINORITY MYTH: A DESCRIPTIVE ANALYSIS OF OUTCOMES IN ASIAN AMERICAN, NATIVE HAWAIIAN AND PACIFIC ISLANDER VERY LOW BIRTH WEIGHT INFANTS IN CALIFORNIA.**
S Razdan, X Cui, S Bane, SL Carmichael, S Shariff-Marco, J Magana, S Gomez, E Main, L Palaniappan and J Profit, Palo Alto, CA; San Francisco, CA. Stanford University School of Medicine (WSPR)
Abstract 311
- 8:15 *UCLA Vedang Londhe Memorial State-of-The-Art Speaker:* UNDERSTANDING HUMAN LUNG DEVELOPMENT.**
Denise Al Alam, UCLA
- 8:45 IMPROVING RESIDENCY EDUCATION IN THE NICU: QUALITY IMPROVEMENT PROJECT.**
MP Martes Gomez, SR Sardesai, R Ramanathan and R Cayabyab, Los Angeles, CA. LAC+USC Keck School of Medicine USC
Abstract 312
- 9:00 DIASTOLIC DYSFUNCTION OF THE RIGHT VENTRICLE IS ASSOCIATED WITH INTRAVENTRICULAR HEMORRHAGE IN EXTREMELY LOW BIRTH WEIGHT INFANTS.**
R Kibe, B Siassi, M Biniwale, R Cayabyab, M Ebrahimi, M Durand, SR Sardesai, R Ramanathan and MA Adie, Los Angeles, CA. LAC+USC Medical Center Keck School of Medicine, USC
Abstract 313
- 9:15 DIFFERENTIAL EFFECTS OF NATIVITY AND EDUCATIONAL ATTAINMENT ON PRETERM INFANT MORTALITY AMONG US-BORN HISPANIC SUBGROUPS.**
KE Hannan, SL Bourque, M Passarella, J Radack, B Formanowski, S Lorch and S Hwang, Aurora, CO; Philadelphia, PA. University of Colorado (WSPR Reckitt/Mead Johnson Nutrition Junior Faculty Award) (WSPR)
Abstract 314
- 9:30 DESIGN, DEVELOPMENT, AND VALIDATION OF AN AFFORDABLE INFANT RADIANT WARMER FOR LOW RESOURCE SETTING.**
Z Khan, S Everett, M Massey, N Brzezinski, R Dev, A Judkins, BD Tomlin and B Fassl, Rootstown, OH; Salt Lake City, UT. University of Utah (WSPR)
Abstract 315
- 9:45 CURRENT STATE OF MATERNAL AND NEONATAL HEALTHCARE ACCESS IN A RURAL NEPAL DISTRICT.**
DP Curtis, A Baumann, A Judkins, B Lamichhane, J Lama, R Miyan, P Karki and B Fassl, Rootstown, OH; Salt Lake City, UT. Northeast Ohio Medical University (WSMRF)
Abstract 316

Neonatology - Perinatal Biology I
Chapman #4 (Sunset Center)
Jill Chang and Alison Chu, Presiding

8:00 UNDERSTANDING GENOTYPE PHENOTYPE CORRELATIONS IN MENINGOMYELOCELE.

I Jhamb, Y Ha, S Kim, H Vong, C Barrows, S Lee and J Gleeson, San Diego, CA; Seoul, Korea (the Republic of). University of California San Diego Rady Children's Hospital (WSPR Reckitt/Mead Johnson Nutrition Subspecialty Award) (WSPR)

Abstract 317

8:15 BIRTH IMPACTS THE TRANSCRIPTIONAL REGULATION OF ANGIOGENESIS IN SKELETAL MUSCLE.

S Varanasi, EI Chang, T Dear, S Louey, S Jonker and LD Brown, Aurora, CO; Portland, OR. University of Colorado School of Medicine

Abstract 318

8:30 STROKE VOLUME AND HEART RATE RESPONSE TO NEONATAL HYPOVOLEMIA.

D Sankaran, R Valdez, A Lesneski, EC Lane, E Giusto, VL Hammitt, KC Tully, H Joudi, P Vali and S Lakshminrusimha, Sacramento, CA; Marysville, CA; Davis, CA. University of California Davis Adventist Health and Rideout

Abstract 319

8:45 MESENCHYMAL STROMAL CELL EXTRACELLULAR VESICLES IMPROVE GLOMERULAR CAPILLARY FORMATION IN MECHANICALLY VENTILATED PRETERM LAMBS.

C Hansen, A Rebentisch, E Major, Z Vordos, J Van Boerum, E Dawson, Z Wang, MJ Dahl, D Null, E Delavogia, A Mitsialis, S Kourembanas and K Albertine, Salt Lake City, UT; Sacramento, CA; Boston, MA. University of Utah (WSMRF)

Abstract 320

9:00 THE ASSOCIATION OF SYSTEMIC IMMUNE RESPONSE INDEX AND SYSTEMIC IMMUNE INFLAMMATION INDEX WITH NEUROLOGICAL OUTCOMES IN AZITHROMYCIN-TREATED NEAR-TERM LAMBS FOLLOWING UMBILICAL CORD OCCLUSION-INDUCED HYPOXIC-ISCHEMIC ENCEPHALOPATHY.

J Ha, DM Yapabandara, AM Gunewardena, J Mike and E Maltepe, San Francisco, CA. University of California, San Francisco

Abstract 321

9:15 INTRAUTERINE GROWTH RESTRICTION LEADS TO IMPAIRED OXIDATIVE PHOSPHORYLATION IN OLIGODENDROCYTES.

J Chang, Denver, CO. University of Colorado Denver (WSPR Reckitt/Mead Johnson Nutrition Junior Faculty Award)

Abstract 322

9:30 *University of Colorado Fred Battaglia State-of-The-Art Speaker:*
**MECHANISTIC UNDERPINNINGS FOR A CLINICAL TRIAL TESTING THE
NEUROPROTECTIVE EFFICACY OF HUMAN NEURAL STEM CELLS IN
PERINATAL ASPHYXIA.**
Evan Snyder, Sanford Burnham Prebys Medical Discovery Institute

Surgery III

Room 5 (Sunset Center)

Subhas Gupta and Lee Wong, Presiding

**8:00 A STANDARDIZED DEFINITION OF WOUND HEALING PROGRESSION:
COMPONENTS ESSENTIAL TO ANALYSIS OF NEW WOUND
INTERVENTIONS AND TECHNOLOGIES.**

M Tsuchiya and S Gupta, Loma Linda, CA. Loma Linda University (WSMRF)

Abstract 323

**8:15 DOES UTI DEFINITION MATTER DURING RESEARCH AND CLINICAL
ASSESSMENT?**

L Miles, JM Tiamzon, DA Wilkinson, M Buell, K Cheng, A Farkouh, D Chamberlin and J Chamberlin, Loma Linda, CA. Loma Linda University School of Medicine

Abstract 324

**8:30 PREOPERATIVE OPTIMIZATION OF PATIENTS WITH HIGH-RISK
COMORBIDITIES: A REVIEW OF PREHABILITATION INTERVENTIONS.**

J Mauricio-Lee, D Sokolov and S Gupta, Loma Linda, CA. Loma Linda University School of Medicine (WSMRF)

Abstract 325

**8:45 IS THE INTEREST AND SEARCH VOLUME FOR AESTHETIC SURGERY
PREDICTIVE OF EQUITY MARKET PERFORMANCE? AN ANALYSIS OF
GOOGLE TRENDS DATA AS A LEADING INDICATOR OF THE S&P 500
INDEX.**

D Sokolov and S Gupta, Loma Linda, CA. Loma Linda University School of Medicine (WSMRF)

Abstract 326

**9:00 PREDICTORS OF AVASCULAR NECROSIS OF THE FEMORAL HEAD
FOLLOWING CLOSED OR OPEN REDUCTION IN THE TREATMENT OF
DEVELOPMENTAL DYSPLASIA OF THE HIP: TWO YEAR UPDATE.**

E Ponton, J Bone, WN Sankar, CT Price, K Mulpuri, I Study Group and E Schaeffer, Vancouver, , Canada; Philadelphia, PA; Orlando, FL. BC Children's Hospital University of British Columbia

Abstract 327

**9:15 ROTATOR CUFF HEALTH AND EMERGING THERAPIES FOR TREATMENT:
A LITERATURE REVIEW.**

A Yazdani, V Rai and DK Agrawal, Pomona, CA. College of Osteopathic Medicine of the Pacific, Western University of Health Sciences

Abstract 328

9:30 MITOCHONDRIAL BIOGENESIS REGULATES NEOINTIMAL FORMATION AND VESSEL REMODELING DURING ARTERIOVENOUS FISTULA MATURATION.

A Abdi, V Rai and DK Agrawal, Pomona, CA. College of Osteopathic Medicine of the Pacific, Western University of Health Sciences

Abstract 329

9:45 HEAT APPLICATION TO THE QUADRICEPS MUSCULATURE AND ITS EFFECT ON PAIN FOLLOWING A TOTAL KNEE ARTHROPLASTY.

C Adams and B Daines, Boise, ID. The Idaho Clinic Idaho College of Osteopathic Medicine (WSMRF)

Abstract 330

10:00 am – 10:15 am BREAK

CONCURRENT SESSIONS

Friday, January 20, 2023
10:15 AM – 12:30 PM

Jointly sponsored by

WESTERN SECTION AMERICAN FEDERATION FOR MEDICAL RESEARCH
WESTERN SOCIETY FOR CLINICAL INVESTIGATION
WESTERN ASSOCIATION OF PHYSICIANS
WESTERN SOCIETY FOR PEDIATRIC RESEARCH
WESTERN STUDENT MEDICAL RESEARCH FORUM

Behavior, Development and Psychology IChapman #4
Diversity, Equity and Inclusion II.....Promenade Lobby
Healthcare Delivery Research III.....Babcock #6
Hematology and Oncology II.....Carpenter Hall
Infectious Diseases II.....Carmel Women’s Club
Morphogenesis and Malformations.....Rehearsal Room
Neonatology – General IV.....All Saints Church, Seccombe Hall
Nephrology and Hypertension.....Green Room
Neuroscience II.....Studio 105
Surgery IVRoom 5, Sunset Center

Behavior, Development and Psychology I

Chapman #4 (Sunset Center)

Kathleen Angkustsiri and Allison G. Dempsey, Presiding

10:15 CREATING DEVELOPMENTAL MILESTONE GROWTH CHARTS FOR INFANTS WITH SEX CHROMOSOME TRISOMY (SCT) USING DATA FROM THE EXTRAORDINARY BABIES STUDY.

N Tartaglia, J Janusz, R Wilson, J Ross and TG Thompson, Aurora, CO; Wilmington, DE. University of Colorado School of Medicine (WSPR)

Abstract 331

10:30 THE EXTRAORDINARY BABIES STUDY: EARLY SOCIAL COMMUNICATION SKILLS IN INFANTS WITH SEX CHROMOSOME TRISOMY (SCT).

R Wilson, S Takamatsu, TG Thompson and N Tartaglia, Aurora, CO. University of Colorado School of Medicine Children’s Hospital Colorado

Abstract 332

10:45 GENETIC DIAGNOSES AND CLINICAL MANAGEMENT IN A CROSS-SECTIONAL STUDY OF CHILDREN WITH AUTISM SPECTRUM DISORDER.

D Stout, L Tobin, AE Lee, L Brookman-Fraze and K Wigby, San Diego, CA. Rady Children’s Hospital San Diego (WSPR Reckitt/Mead Johnson Nutrition Subspecialty Award)

Abstract 333

- 11:00** *UC Davis Robin Hansen State-of-The-Art Speaker:*
MOTIVATION-BASED INTERVENTION STRATEGIES FOR CHILDREN AND ADULTS WITH AUTISM.
Ty Vernon, University of California Santa Barbara
- 11:30** **A VACCINE CLINIC FOR INDIVIDUALS WITH NEURODEVELOPMENTAL DISABILITIES.**
VK Ma, E Roseborough, V Tuss, KH Owens, M Mello and RS Akins, Sacramento, CA. UC Davis UC Davis
 Abstract 334
- 11:45** **PATTERN OF UTILIZATION OF EARLY INTERVENTION SERVICES IN A COHORT OF HIGH-RISK INFANTS IN A NICU FOLLOW UP CLINIC.**
T Raghuram, T Erickson, S Kucaj and S Iyer, Los Angeles, CA. University of California
 Abstract 335
- 12:00** **FEASIBILITY AND ACCEPTABILITY OF THE BILATERAL INFANT STIMULATION STUDY (BLISS) IN THE NICU.**
E Garavatti, C Cimino, K Mackiewicz-Seagate, S Alsup and DS Ondusko, Portland, OR. Oregon Health and Science University
 Abstract 336
- 12:15** **TYPE OF HOME FEEDING TUBE AND NEURODEVELOPMENTAL OUTCOME.**
A Fisher and T DuPont, Salt Lake City, UT. University of Utah (WSPR)
 Abstract 337
- Diversity, Equity, Inclusion Research II**
 Promenade Lobby (Sunset Center)
Ricardo Correa, Presiding
- 10:15** **PLACE-BASED CHILD AND YOUTH RIGHTS LITERACY: A MULTI-PARTNER APPROACH TO EQUITY, DIVERSITY, AND INCLUSION.**
S Grover, L Bondi, C Binda, S Gill, A Beevor-Potts, W Lau, A McFadden, D Duffy, K Hodgson, C Bland and CA Look, Vancouver, BC, Canada. University of British Columbia
 Abstract 338
- 10:30** **RACIAL DISPARITIES IN ACCESS TO KIDNEY TRANSPLANTATION IN THE PEDIATRIC POPULATION: A LITERATURE REVIEW.**
JJ Lyons, Y Dennis, M Gunturi, A Kondaka, C Moussavi, S Shin, C Um and B Afghani, Irvine, CA; Orange, CA. UC Irvine School of Medicine (WSMRF)
 Abstract 339
- 10:45** **CONTRACEPTIVE BELIEFS, NEEDS, AND PRACTICES OF SIKH WOMEN IN SOUTHERN CALIFORNIA.**
HK Sidhu and AL Nelson, Pomona, CA. College of Osteopathic Medicine of the Pacific, Western University of Health Sciences
 Abstract 340

- 11:00 COMMUNICATING GENDER BIAS IN MEDICINE THROUGH VISUAL ARTWORK.**
J Todderud, Spokane, WA. Elson S. Floyd College of Medicine
 Abstract 341
- 11:15 GENDER DISPARITIES AMONG PUBLICATIONS WITHIN INTERNATIONAL SEXUAL MEDICINE UROLOGY JOURNALS.**
P Kohli, M Burg, NT Ha, R Mora Jr., T Kurup, H Sidhu, G Cacciamani and M Samplaski, Los Angeles, CA. Keck Medicine of USC
 Abstract 342
- 11:30 DOES SEXX MATTER IN LYME DISEASE? THE NEED FOR SEX-DISAGGREGATED DATA IN PERSISTENT ILLNESS.**
L Johnson, M Shapiro, S Janicki, J Mankoff and RB Stricker, San Ramon, CA; San Francisco, CA; Bethesda, MD; Atlanta, GA; Seattle, WA. LymeDisease.org
 Abstract 343
- 11:45 HEALTH DISPARITIES IN CHILDREN WITH COVID-19 EARLY IN THE PANDEMIC: SOCIOECONOMIC DISADVANTAGES CONTRIBUTING TO SEVERE DISEASE.**
K Graff, Y Choi, L Silveira, L Abuogi, MA Ware and J Kaar, Milwaukee, WI; Aurora, CO. Medical College of Wisconsin
 Abstract 344
- 12:00 RACIAL DISPARITITIES IN THERAPEUTIC HYPOTHERMIA AND ADVERSE OUTCOMES OF HYPOXIC ISCHEMIC ENCEPHALOPATHY IN A LARGE CALIFORNIA NEONATAL COHORT.**
CM Fall, RJ Baer, G Bandoli and CD Chambers, San Diego, CA. UC San Diego Rady Children's Hospital
 Abstract 345
- CANCELLED**
- 12:15 THE IMPACT OF UNDERGRADUATE METRICS AND PERCEPTIONS OF ACADEMIC SUCCESS ON MEDICAL STUDENTS' PERFORMANCE IN MEDICAL SCHOOL - WHAT ARE THE IMPLICATIONS?**
A Devati, M Alba, L Wang and JM Dobrich, Reno, NV. University of Nevada School of Medicine
 Abstract 346
- Healthcare Delivery Research III**
 Babcock #6 (Sunset Center)
Jorge Nieva, Presiding
- 10:15 ORGAN SEGMENTATION ON CT IMAGING THROUGH MACHINE LEARNING.**
J Park, J Jin, M Christie, A Wilding, S Villamor, HR Curtis, A Beaven, T Smith and D Jin, Loma Linda, CA; San Bernardino, CA. Loma Linda University
 Abstract 347

10:30 THE INFLUENCE OF PATIENT-PROVIDER RISK EDUCATION ON REHABILITATION OUTCOMES IN INDIVIDUALS WITH CHRONIC BACK PAIN.

B Scott, C Richards, L Taitano, T Wu, A Zavareh, L Havandjian, K Raiszadeh and B Shahidi, La Jolla, CA; San Diego, CA. UCSD (WAFMR/WAP Student Subspecialty Award Winner)

Abstract 348

10:45 INFLUENCE OF SPINAL STENOSIS SEVERITY ON PHYSICAL THERAPY OUTCOMES.

S Haghayegh Zavareh, C Richards, L Taitano, K Raiszadeh and B Shahidi, San Diego, CA. UC San Diego

Abstract 349

11:00 EFFECTS OF AN EDUCATIONAL BEHAVIORAL MODIFICATION PROGRAM IN PATIENTS WITH OVERACTIVE BLADDER.

N Elsaadi, M Buell and A Staack, Loma Linda, CA. Loma Linda University

Abstract 350

11:15 DOES MOTIVATIONAL TEXT MESSAGING IMPROVE KNOWLEDGE, SELF-EFFICACY, AND ATTITUDES ON CARDIOVASCULAR DISEASE IN UNDERSERVED COMMUNITIES?

K Uehisa, Los Angeles, CA. Charles R. Drew University (WSMRF)

Abstract 352

11:30 NATIONAL TRENDS AND RACIAL/ETHNIC DISPARITIES IN INFANT MORTALITY RATES AMONG PRETERM INFANTS SURVIVING BEYOND 44 WEEKS POSTMENSTRUAL AGE.

A Udoko, M Passarella, B Formanowski, J Radack, S Lorch and S Hwang, Aurora, CO; Philadelphia, PA. University of Colorado School of Medicine (WAP/WSCI Travel Award Winner)

Abstract 353

11:45 IMPLEMENTATION OF A BUNDLE OF INTERVENTIONS TO INCREASE MEDICAL INTERPRETER UTILIZATION IN THE NICU.

J Feister, S Razdan, V Escobar, P Gay, M Persoglia Bell, S Kainec, M Scala and S Bonifacio, Palo Alto, CA, CA; Palo Alto, CA. Lucile Packard Children's Hospital Stanford (WSPR)

Abstract 354

12:00 PSYCHARE: EVALUATING CURRENT ACCESSIBILITY TO PSYCHIATRIC TREATMENT.

S Assaf, Los Angeles, CA. University of California, Los Angeles (WSMRF)

Abstract 355

Hematology and Oncology II
Carpenter Hall (Sunset Center)
Gino In, Presiding

10:15 DERMOSCOPIC FEATURES ASSOCIATED WITH LINC00518, PRAME AND TERT EXPRESSION IN PIGMENTED SKIN LESIONS SUSPICIOUS FOR MELANOMA.

AL Becker, J Ludzik, E Latour, C Lee, EA Foltz and A Witkowski, Portland, OR; Honolulu, HI; Riverside, CA; Spokane, WA. Oregon Health & Science University John A. Burns School of Medicine at the University of Hawai'i (WAFMR/WAP Student Subspecialty Award Winner)

Abstract 356

10:30 TELEDERMOSCOPY-AIDED SELF-SKIN EXAMINATIONS FOR REMOTE TRIAGE OF SKIN LESIONS.

EA Foltz, J Ludzik, AL Becker and A Witkowski, Portland, OR; Spokane, WA. Oregon Health and Science University Washington State University Elson S. Floyd College of Medicine (WAP/WSCI Travel Award Winner) (WAFMR)

Abstract 357

10:45 THE IMPACT OF RACE/ETHNICITY AND GENETICS ON MELANOMA PRIMARY TUMOR SITE, HISTOLOGIC SUBTYPE, AND SITE OF FIRST METASTASES.

BO Adnani and G In, Los Angeles, CA. University of Southern California (WAFMR/WAP/WSCI Outstanding Resident Award)

Abstract 358

11:00 PSYCHOMETRIC ASSESSMENT OF A NOVEL HEALTH-RELATED QUALITY OF LIFE INSTRUMENT: FUNCTIONAL ASSESSMENT CANCER THERAPY – CUTANEOUS T-CELL LYMPHOMA.

C Raymundo, D Hippe, J Bredle, D Cella, L Wagner and M Shinohara, Seattle, WA; Elmhurst, IL; Chicago, IL; Winston-Salem, NC. University of Washington School of Medicine

Abstract 359

11:15 A DESCRIPTIVE EXERCISE OF PATIENT SENSATIONS DURING RADIATION THERAPY.

S Teplow, S Chandrasekhar and R Ermoian, Seattle, WA. University of Washington

Abstract 360

11:30 AUTOMATING LIVER REPORTING AND DATA SYSTEM (LI-RADS) TO CLASSIFY HEPATOCELLULAR CARCINOMA USING ARTIFICIAL INTELLIGENCE.

HR Curtis, J Jin, M Christie, A Wilding, S Villamor, J Park, A Beaven, T Smith and D Jin, Loma Linda, CA. Loma Linda University

Abstract 361

11:45 ASSESSMENT OF ONLINE YOUTUBE VIDEOS ON RADIOTHERAPY FOR BREAST CANCER.

B Chai and P Ingledeu, Vancouver, BC, Canada. University of British Columbia

Abstract 362

12:00 DERMATOLOGIC COMPLICATIONS IN PEDIATRIC PATIENTS AFTER HEMATOPOIETIC STEM CELL TRANSPLANTATION INDICATED FOR SICKLE CELL DISEASE.

T Dignum and H Brandling-Bennett, Seattle, WA. University of Washington School of Medicine

Abstract 363

12:15 HARVEST FOR HEALTH NORTHWEST: A HOME GARDENING PILOT STUDY TO CULTIVATE THE CONTINUED WELL-BEING OF CANCER SURVIVORS.

K Chang, SE Burke, KC Schuppe, BK Jones, N Limberg, L Bloom, J Antongiovanni, K Cusick, G Britt and K Sinclair, Spokane, WA. Washington State University

Abstract 364

Infectious Diseases II

Carmel Women's Club

Fred Buckner and David Gilbert, Presiding

10:15 FREQUENCY AND DURATION OF SEVERE ACUTE RESPIRATORY SYNDROME CORONAVIRUS-2 (SARS-COV-2) IN FECES OF BREASTFED INFANTS OF MOTHERS WITH AND WITHOUT CONFIRMED COVID-19.

E King-Nakaoka, AG Morse, R Pace, JE Williams, C Meehan, M Martin, S Ley, C Barbosa-Leiker, MA McGuire and MK McGuire, Seattle, WA; Moscow, ID; Pullman, WA; New Orleans, LA. University of Washington University of Idaho (WSMRF)

Abstract 365

10:30 3-AMINOIMIDAZO[1,2-A] PYRIDINE DERIVATIVES AS NOVEL ANTIMICROBIAL COMPOUNDS.

I Glassman, C Alcantara, E Bentley, D Vosburg and H Szurmant, Pomona, CA; Claremont, CA. Western University of Health Sciences (WSMRF)

Abstract 366

10:45 THE SYPHILIS PROTEIN TP0858 STIMULATES BLOOD AND SKIN T-CELLS DURING INFECTION.

VI Cegielski, CD Godornes, TN Pholsena, VL Campbell, A Wald, DM Koelle and TB Reid, Kansas City, MO; Seattle, WA. University of Missouri-Kansas City School of Medicine University of Washington (WSMRF)

Abstract 367

11:00 FIRST COUNTRY-LEVEL ESTIMATES ALONGSIDE GLOBAL AND REGIONAL ESTIMATES OF BIRTH PREVALENCE FOR NEONATAL HERPES SIMPLEX VIRUS 2 ACROSS 204 COUNTRIES AND TERRITORIES: GLOBAL BURDEN OF DISEASE STUDY 2021 PRELIMINARY RESULTS.

T Gandhi, H Han, B Berice and M Dirac, Seattle, WA. University of Washington School of Medicine (WSMRF)

Abstract 368

11:15 COMPARITIVE GENE EXPRESSION OF SUSCEPTIBLE AND RESISTANT VECTORS OF THE HUMAN PATHOGEN, *SCHISTOSOMA MANSONI*.

A Calcote, J Fuller, Y Xiong, T Pennance, G Owino, M Odiere and M Steinauer, Lebanon, OR; Kisumu, Kenya. College of Osteopathic Medicine of the Pacific Northwest, Western University of Health Sciences (WSMRF)

Abstract 369

11:30 COCCIDIOIDAL PULMONARY CAVITATION: A NEW AGE.

L Kooner, VK Narang, A Munoz, R Kuran, R Johnson and A Heidari, Bakersfield, CA. Kern Medical (WAFMR)

Abstract 371

11:45 SELENIUM DEFICIENCY DECREASES HEPATIC SELENOPROTEIN S EXPRESSION BUT DOES NOT EXACERBATE THE ACUTE HEPATIC ENDOPLASMIC RETICULUM (ER) STRESS RESPONSE AFTER ENDOTOXEMIA.

A Hernandez, T Gonzalez, E Bye, G Seedorf, SH Abman, E Mandell, CJ Wright, E Nozik and L Sherlock, Aurora, CO. University of Colorado Anschutz Medical Campus

Abstract 372

12:00 CHARACTERIZATION OF THE IMMUNE REACTION TO COVID-19 TREATMENT WITH DEXAMETHASONE: A NARRATIVE REVIEW.

S Fleuret, Spokane, WA. University of Washington School of Medicine

Abstract 373

Morphogenesis and Malformations

Rehearsal Room (Sunset Center)

Bridget Fernandez and June Anne Gold, Presiding

10:15 NEUROMUSCULAR DEFICITS IN CLUBFEET ASSOCIATED WITH CONSTRICTION BAND SYNDROME.

A Starceovich, L Demetri, MA James and J Lerman, Sacramento, CA; San Francisco, CA. UC Davis School of Medicine (WSPR Abbott Nutrition Subspecialty Award) (WSMRF)

Abstract 374

10:30 INCIDENCE AND CHARACTERIZATION OF CONCHA BULLOSA IN THE PEDIATRIC POPULATION.

JG Jiang, D Mirsky, B Herrmann and S Gitomer, Aurora, CO. University of Colorado School of Medicine

Abstract 375

10:45 THE AUTOPHAGY RECEPTOR TEX264 INITIATES ENDOPLASMIC RETICULUM DEGRADATION DURING KERATINOCYTE DIFFERENTIATION.

CJ Johnson, A Twiaa and CL Simpson, Seattle, WA. University of Washington (WSMRF)

Abstract 376

11:00 HUMAN ADIPOSE DERIVED STEM CELL RESPONSE TO PHYSIOLOGIC BIAXIAL COMPRESSION.

M Irby, D Gonzales, J Froio, A Pettit-Miller and D Margolis, Tucson, AZ. University of Arizona

Abstract 377

11:15 *Prolacta State-of-The-Art Speaker:*

HUMAN COHESINOPATHIES: EMBRACING THESE RARE DISORDERS.

Matthew A. Deardorff, Children's Hospital Los Angeles, Keck School of Medicine

11:45 PERCHING SYNDROME CASE REPORT AND REVIEW OF LITERATURE.

A Gomes and LM Bird, San Diego, CA. UCSD (WSPR Reckitt/Mead Johnson Nutrition Subspecialty Award)

Abstract 378

12:00 INTRAFAMILIAL VARIABILITY IN A FAMILY WITH A GLI2 PATHOGENIC VARIANT: CULLER JONES SYNDROME.

CJ Curry, R Bardini, R Kinman and M Willis, Fresno, CA; San Diego, CA. UCSF/Fresno

Abstract 379

12:15 DISTAL ARTHROGRYPOSIS WITH IMPAIRED PROPRIOCEPTION AND TOUCH: A CASE REPORT AND REVIEW OF THE LITERATURE.

P Erickson and J Schymick, San Jose, CA. Santa Clara Valley Medical Center

Abstract 380

Neonatology General IV

All Saints Church, Seacombe Hall

Meera N. Sankar and Susan Wang, Presiding

10:15 PLATELET TRANSFUSION REFRACTORINESS AMONG NICU PATIENTS RECEIVING MORE THAN 25 PLATELET TRANSFUSIONS.

TM Bahr, RK Ohls, SJ Ilstrup and RD Christensen, Salt Lake City, UT; Murray, UT. University of Utah Intermountain Healthcare (WSPR)

Abstract 381

10:30 FEASIBILITY OF TRANSFUSING LOW-TITER, COLD-STORED, TYPE O WHOLE BLOOD FOR MASSIVE BLOOD LOSS IN A PERINATAL CENTER.

NR Carr, SM Tweddell, TM Bahr, RK Ohls, SJ Ilstrup and RD Christensen, Salt Lake City, UT; Murray, UT. University of Utah (WSPR)

Abstract 382

10:45 *University of Southern California Joan E. Hodgman State-of-The-Art Lecture:*

PERINATAL INEQUITIES BY RACE, ETHNICITY & NATIVITY: A JOURNEY TOWARDS ANTI-RACIST RESEARCH .

Diana Montoya-Williams, Children's Hospital of Philadelphia

11:15 CLINICAL CHARACTERISTICS AND OUTCOMES OF NEONATES WITH PRENATAL METHAMPHETAMINE EXPOSURE.

MA Chang, L Barton, SR Sardesai, R Ramanathan and R Cayabyab, Los Angeles, CA. LAC+USC Medical Center/Keck School of Medicine of University of Southern California
Abstract 383

11:30 POSTNATAL OUTCOMES FOR INFANTS WITH NEONATAL OPIOID WITHDRAWAL SYNDROME RECEIVING COORDINATED MATERNAL AND NEONATAL CARE.

J Reddish, C Fung, J Shakib and B Muniyappa, Salt Lake City, UT. University of Utah
Abstract 384

11:45 PATENT DUCTUS ARTERIOSUS TREATMENTS AND CPQCC DEFINED BPD IN PRETERM INFANTS.

C Lee, BJ Cacho, J Kim, P Chun, A Marshall and D Deming, Loma Linda, CA. Loma Linda University School of Medicine
Abstract 385

12:00 EXPERIENCES OF NICU HEALTHCARE WORKERS SERVING A HIGH-RISK PATIENT POPULATION IN A BORDER COMMUNITY IN HIDALGO COUNTY, TEXAS.

EA Gurwitz, D Honrubia and H Lee, McAllen, CA; Edinburg, TX. Stanford University
Abstract 386

12:15 OUTCOMES OF TERM AND LATE PRETERM INFANTS AT RISK FOR HYPOGLYCEMIA AT THE MOTHER BABY UNIT.

S Siddiqui, JY Massoumi, V Becerra, FB Wertheimer, R Ramanathan and R Cayabyab, Los Angeles, CA. LAC+USC Medical Center
Abstract 387

Nephrology and Hypertension

Green Room (Sunset Center)

Charles Edelstein, Presiding

10:15 THE EFFECT OF PHARMACOLOGICAL OR GENETIC MANIPULATIONS OF AUTOPHAGY ON POLYCYSTIC KIDNEY DISEASE (PKD) IN MICE.

D Atwood, A Chaudhary, OA Oto, N Dwivedi and C Edelstein, Aurora, CO. University of Colorado (WAP)
Abstract 388

10:30 LINEAR IGA BULLOUS DERMATOSIS IN A KIDNEY TRANSPLANT RECIPIENT WITH ELEVATED BULLOUS INTERLEUKIN-6 LEVELS: RESPONSIVE TO TREATMENT WITH TOCILIZUMAB (ANTI-IL-6R).

SC Jordan, B Balzer, C Nast, J Atiznea, K Lim, S Kumar, N Nissen and B Shin, Los Angeles, CA. Cedars-Sinai Medical Center
Abstract 389

10:45 HYPERTENSION IS A RISK FACTOR FOR POOR OUTCOMES IN CHILDREN BORN WITH A KIDNEY MALFORMATION.

K Taha, M Catapang and D Matsell, Vancouver, BC, Canada. University of British

Columbia (WAP/WSCI Travel Award Winner)

Abstract 390

11:00 ONCOSTATIN-M-PLASMINOGEN ACTIVATOR INHIBITOR-1 PROPOSED EFFECTS ON ARTERIOVENOUS FISTULA MATURATION: A LITERATURE REVIEW.

N DeMarco, V Rai and DK Agrawal, Pomona, CA. Western University of Health Sciences (WAFMR/WAP Student Subspecialty Award Winner) (WSMRF)

Abstract 391

11:15 EFFECT OF MATERNAL PREECLAMPSIA ON THE CARDIOVASCULAR AND HEMATOLOGIC SYSTEMS IN LATE PRE-TERM AND TERM NEONATES.

H Pavlov, R Ramanathan, L Barton and R Cayabyab, Los Angeles, CA. Keck School of Medicine

Abstract 392

11:30 AN INVESTIGATION INTO THE EXPANDED VIABILITY OF HUMAN ADIPOCYTES USING AUTOLOGOUS STROMAL VASCULAR FRACTION.

MD Marpa, S Gupta and D Sokolov, Loma Linda, CA. Loma Linda University School of Medicine (WSMRF)

Abstract 393

11:45 ENDOTHELIAL-SPECIFIC CXCL12 REGULATES NEOVASCULARIZATION THROUGH FIBROBLAST VEGF SIGNALING DURING TISSUE REPAIR AND REGENERATION.

AC Hostler, W Hahn, K Fischer, B Stevens, B Litmanovich, H Kussie, D Sivaraj, Z Maan, K Chen and G Gurtner, Tucson, AZ; Palo Alto, CA. University of Arizona College of Medicine Tucson

Abstract 394

12:00 HOW SAFE ARE PREGNANT SURGEONS DURING PERCUTANEOUS NEPHROLITHOTOMY?

TA Clark, K Park, N Mack, C De Guzman, M Buell, A Amasyali, K Shete, R Leu, A Farkouh, E Baldwin and D Baldwin, Loma Linda, CA. Loma Linda University

Abstract 395

12:15 RISK FACTORS FOR URINARY TRACT INFECTION AND CLINICAL SUCCESS IN CHILDREN WITH PRENATAL HYDRONEPHROSIS WITHOUT HYDROURETER.

C Elias, AY Lee, MG Sabbah, M Buell, A Fisher, C McKinney, A Farkouh, K Cheng, D Chamberlin and J Chamberlin, Loma Linda, CA. Loma Linda University

Abstract 396

Neuroscience II

Studio 105 (Sunset Center)

Jerome Graber, Presiding

10:15 RISK OF RETINAL VASCULAR OCCLUSION AMONG PATIENTS WITH COVID-19 AND INFLUENZA A: A MULTI-CENTERED ANALYSIS.

K Inouye, H Pakhchanian, R Raiker, D Pham, A Hong, S Dang, M Dalal and M Asahi,

Pomona, CA; Washington, Morgantown, WV; Henderson, NV. *Western University of Health Sciences (WSMRF)*

Abstract 397

10:30 ANTICOAGULATION IN CHILDREN WITH SEPTIC CEREBRAL SINUS VENOUS THROMBOSIS.

H Seerha, C Amlie-Lefond and K Maher, Seattle, WA. Seattle Children's Hospital

Abstract 398

10:45 CHANGES IN NREM SLEEP DURATION FOLLOWING THALAMIC LOW INTENSITY FOCUSED ULTRASOUND PULSATION: PRELIMINARY DATA.

R Chawla, J Gumarang, E Rosario, D Patterson, E Chang, G Jenson, C Mantik, N Dhadwal, M Monti and C Schnakers, Pomona, CA; Los Angeles, CA. Western University of the Health Sciences College of Osteopathic Medicine of the Pacific

Abstract 399

11:00 LONGITUDINAL STRUCTURAL BRAIN CHANGES FOLLOWING MODERATE-SEVERE TRAUMATIC BRAIN INJURY AND THE EFFECT OF ACUTE REHABILITATION.

S Schell, AW Kashou, R Jalal, J Ashley, G Griesbach and B Bartnik-Olsen, Loma Linda, CA; Tarzana, CA. Loma Linda University

Abstract 400

11:15 MANAGEMENT OF COMPLEX REGIONAL PAIN SYNDROME: AN UPDATED SYSTEMATIC LITERATURE REVIEW.

A Kaplan, D Giuliani, L Benoit and T Turner, Clovis, CA; Reedley, CA. California Health Sciences University (WSMRF)

Abstract 401

11:30 EFFECTS OF KETOGENIC DIET ON CORTICAL SURFACE AREA AND CORTICAL THICKNESS FOLLOWING MODERATE TO SEVERE TRAUMATIC BRAIN INJURY.

AW Kashou, R Jalal, S Schell, D Tran and B Bartnik-Olsen, Loma Linda, CA. Loma Linda University

Abstract 402

11:45 PLACENTAL THROMBOSIS RESULTING IN HYPOXIC ISCHEMIC ENCEPHALOPATHY IN AN INFANT OF A MOTHER WITH COVID-19.

K Tedesco, JP WANG, R Ramanathan and AM Yeh, Los Angeles, CA. University of Southern California/LAC+USC Medical Center

Abstract 403

12:00 FAINTING AFTER A COUGH: A CASE REPORT OF COUGH SYNCOPE.

D Khalid, B Banfer, H Hajeh, G Singh, M Munnangi and L Moosavi, Bridgetown, Barbados; Pomona, CA; Bakersfield, CA. Ross University School of Medicine

Abstract 404

12:15 HOLOCORD SPINAL SUBDURAL AND EPIDURAL EMPYEMA WITH MRSA.

S Aboaid, G Singh, C D'Assumpcao, L Moosavi, S Mishra, A Heidari and K Radicic, Bakersfield, CA. Kern Medical

Abstract 405

Surgery IV

Room 5 (Sunset Center)

Subhas Gupta, Presiding

10:15 PREOPERATIVE VARIABLES AND POSTOPERATIVE COMPLICATIONS ASSOCIATED WITH OUTPATIENT MORTALITY.

CC Alder, R Meguid, MR Bronsert, K Colborn and W Henderson, Aurora, CO. University of Colorado School of Medicine

Abstract 406

10:30 IMMEDIATE RECONSTRUCTION WITH AUTOLOGOUS GRAFTS FOR MANAGEMENT OF INFECTED NASAL IMPLANTS.

A Kruayatidee, P Shakoori, M Roveló and J Calvert, Beverly Hills, CA. Roxbury Clinic & Surgery Center

Abstract 407

10:45 VARIABILITY IN DIAGNOSTIC ULTRASOUND USE FOR SUSPECTED PEDIATRIC ACUTE APPENDICITIS.

NA Belliard, S Raymond and E Tagge, Loma Linda, CA. Loma Linda University

Abstract 408

11:00 CLINICAL OUTCOMES OF XEN GEL STENT IMPLANTATION ALONE OR IN COMBINATION WITH PHACOEMULSIFICATION: A RETROSPECTIVE STUDY.

RD Adekunle, SM Tanya, A Ali-Ridha and X Campos-Moller, St. John's, Canada; Montreal, Canada; Concord, Canada; Corner Brook, Canada. Memorial University

Abstract 409

11:15 CAN WE PREDICT NASOPHARYNX DISTANCE IN CHILDREN FOR SWAB TESTING? A PILOT STUDY.

C Huang, A Tobia, M Dorling and NK Chadha, Vancouver, BC, Canada. University of British Columbia (WSMRF)

Abstract 410

11:30 APPLICATION OF VIRTUAL REALITY, AUGMENTED REALITY, AND MIXED REALITY IN MUSCULOSKELETAL UNDERGRADUATE MEDICAL EDUCATION: A SCOPING REVIEW.

T Chae, D D'Amici and L Leveille, Vancouver, BC, Canada. University of British Columbia BC Children's Hospital

Abstract 411

11:45 EFFECTS OF APREPITANT ON POST-OPERATIVE NAUSEA AND VOMITING IN PATIENTS WITH CONGENITAL HEART DISEASE UNDERGOING

**CARDIAC SURGERY OR CATHETERIZATION PROCEDURES: A
RETROSPECTIVE STUDY.**

*JW Belk, M Twite, K Klockau, L Silveria and R Clopton, Denver, CO; Aurora, CO.
University of Colorado School of Medicine*

Abstract 412

**12:00 EXPLORING MEDICAL TRAINEE ATTITUDES AND IMPRESSIONS OF AN
ACOUSTIC GUIDANCE APPROACH TO TEACHING LAPAROSCOPIC
SURGERY.**

*LA Chen, J Lucas, M Fialkow and B Sobba, Seattle, WA; Jefferson, LA. University of
Washington School of Medicine (WSMRF)*

Abstract 413

**12:15 SOCIODEMOGRAPHIC CHARACTERISTICS OF PATIENTS UNDERGOING
SURGERY FOR METASTATIC DISEASE OF THE SPINE.**

*D Pina, VS Kalistratova, Z Booze, J Holland, J Wick, W Vander Voort, Y Javidan, RF
Roberto, E Klineberg, S Lipa, and H Le, Sacramento, CA. University of California, Davis
School of Medicine*

Abstract 414

COFFEE AND DESSERT BUFFET
1:00-1:45 PM
Carmel Women's Club

JOINT PLENARY SESSION

WESTERN SECTION AMERICAN FEDERATION FOR MEDICAL RESEARCH
WESTERN SOCIETY FOR CLINICAL INVESTIGATION
WESTERN ASSOCIATION OF PHYSICIANS
WESTERN SOCIETY FOR PEDIATRIC RESEARCH
WESTERN STUDENT MEDICAL RESEARCH FORUM

Carmel Women's Club

Friday, January 20, 2023
1:45 PM – 4:15 PM

Fred Buckner, Henry Lee, and Ricardo Correa, Presiding

1:45 WAP/WSCI MAYO SOLEY AWARD

Presenter: *Kristen Nadeau, Children's Hospital Colorado*

Recipient: *Jane E.B. Reusch, University of Colorado School of Medicine*

2:00 WAFMR OUTSTANDING INVESTIGATOR AWARD

**A NOVEL MODEL OF NEONATAL GLOBAL ISCHEMIA TO IMPROVE
TRANSLATIONAL STRATEGIES FOR HYPOXIC-ISCHEMIC
ENCEPHALOPATHY.**

Robert M. Dietz, Aurora, CO. University of Colorado School of Medicine

**2:15 WSPR ABBOTT NUTRITION LOWELL GLASGOW STUDENT RESEARCH
AWARD**

**THE IMPACT OF COVID-19 PANDEMIC ON AFFECTIVE CONCUSSION
SYMPTOMS IN ADOLESCENTS.**

*E Lupori, V Ugalde and F Dong, Bend, OR; Pomona, CA. Western University of Health
Sciences The Center for Orthopedic and Neurosurgical Care & Research (WSMRF)*

Abstract 415

**2:30 WSPR ABBOTT NUTRITION DAVID W. SMITH PEDIATRIC TRAINEE
RESEARCH AWARD**

**ANTENATAL VITAMIN D THERAPY IMPROVES PULMONARY
ENDOTHELIAL CELL GROWTH AND RESPONSE TO PROANGIOGENIC
STIMULI IN A PREECLAMPSIA MODEL OF BRONCHOPULMONARY
DYSPLASIA RELATED PULMONARY HYPERTENSION.**

*MW Cookson, T Gonzalez, E Bye, G Seedorf, JC Fleet, L Sherlock, SH Abman and E
Mandell, Aurora, CO; Austin, TX. University of Colorado*

Abstract 416

**2:45 WSPR ABBOTT NUTRITION YOUNG INVESTIGATOR RESEARCH AWARD
ADVANCES IN NEONATAL HEMATOLOGY: BILIRUBIN, TRANSFUSION,
AND ANEMIA AT BIRTH.**

Tim Bahr, University of Utah, Intermountain Healthcare

**3:15 WSPR STANLEY WRIGHT MEMORIAL LECTURE
COVID 19 VACCINES: DECISION MAKING DURING A PANDEMIC.**

Grace Lee, Stanford Children's Health

3:45 WSPR ABBOTT NUTRITION JOSEPH ST. GEME Jr. EDUCATION AWARD

Presenter: *Henry Lee, University of California San Diego*

Recipient: *Marilyn Jones, University of California, San Diego*

4:00 JOURNAL OF INVESTIGATIVE MEDICINE REPORT, *Michael McPhaul*

4:05 ADJOURN

4:05 WSPR BUSINESS MEETING

Mariana Baserga and Henry Lee Presiding - All WSPR members invited

4:15 WAFMR BUSINESS MEETING AND RECEPTION

Ricardo Correa, Presiding

All WAFMR members Invited – Sunset Center – Chapman Room

CONCURRENT SESSIONS

Saturday, January 21, 2023
8:00 AM – 10:00 AM

Jointly sponsored by

WESTERN SECTION AMERICAN FEDERATION FOR MEDICAL RESEARCH
WESTERN SOCIETY FOR CLINICAL INVESTIGATION
WESTERN ASSOCIATION OF PHYSICIANS
WESTERN SOCIETY FOR PEDIATRIC RESEARCH
WESTERN STUDENT MEDICAL RESEARCH FORUM

Behavior, Development and Psychology IIChapman Room#4
Diversity, Equity and Inclusion III.....Room 5, Sunset Center
Endocrinology and Metabolism III.....Green Room
Genetics IIRehearsal Room
Healthcare Delivery Research IV.....Babcock #6
Neonatology – General V.....Carpenter Hall
Neonatology – Perinatal Biology II.....Studio 105
Pulmonary and Critical Care II.....Promenade Lobby

Behavior, Development and Psychology II

Chapman #4 (Sunset Center)

Nicole Tartaglia and Rebecca Wilson, Presiding

8:00 EXAMINING THE FACTORIAL AND STRUCTURAL VALIDITY OF THE DASS-21.

G Jacobsen, M Casanova and R Baker, Seattle, WA; Moscow, ID. University of Washington University of Idaho (WSMRF)

Abstract 417

8:15 MOTOR SKILLS IN A STUDY COHORT OF TANNER 2-3 MALES WITH KLINEFELTER SYNDROME: MOTOR SUBDOMAIN PROFILES AND RELATIONSHIP TO TESTOSTERONE LEVELS.

SJ Martin, C Harrison, S Howell and N Tartaglia, Denver, CO; Aurora, CO. Children's Hospital Colorado (WSPR Abbott Nutrition Subspecialty Award)

Abstract 418

8:30 DEVELOPMENTAL PROFILES IN A COHORT OF NONVERBAL/MINIMALLY VERBAL INDIVIDUALS WITH NEURODEVELOPMENTAL DISABILITIES WITH KNOWN PATHOGENIC VARIANTS ON WHOLE GENOME SEQUENCING.

VK Ma, AH Borbe, A Egense, A Suzuki, R Punatar, K Angkustsiri and SP Shankar, Sacramento, CA. UC Davis UC Davis (WSPR Prolacta Fellow Research Travel Award)

Abstract 419

- 8:45 IMPACT OF EDUCATIONAL INTERVENTION ON DELIRIUM MANAGEMENT IN HOSPITALISTS' PRACTICE.**
L Pennington, E Onyema, L Standiford, M Kwak and R Jantea, Houston, TX. University of Texas Health Science Center at Houston- John P and Katherine G McGovern Medical School (WSMRF)
 Abstract 420
- 9:00 IMPACT OF A BRIEF FAMILY INTERVENTION ON AFRICAN AMERICAN YOUTHS' ATTITUDES TOWARDS RISKY BEHAVIORS.**
E Sankhala, D Taylor and U Rao, Irvine, CA; Orange, CA. University of California, Irvine
 Abstract 421
- 9:15 MENTAL HEALTH PERSPECTIVES OF YOUTH & YOUNG ADULTS AT A MEDICAL SCIENCES UNIVERSITY IN BHUTAN.**
AL Ackermann, S Harrigan, C Boen, M Dykstra, B Mao, J Lin, B Ng, C Piccolo, E Slade, A Feng, K Thompson, V Kapoor and G Lam, Kelowna, Canada. University of British Columbia
 Abstract 422
- 9:30 EMERGENCY DEPARTMENT USAGE PATTERNS FOLLOWING IMPLEMENTATION OF A MEDICATION ASSISTED THERAPY PROGRAM FOR OPIOID USE DISORDER.**
AT Turner, E Rai and TE Robey, Spokane, WA; Los Angeles, CA; Everett, WA. Washington State University (WSMRF)
 Abstract 423
- 9:45 PSYCHIATRIC ILLNESS IN HOSPITALIZED DERMATOLOGY PATIENTS.**
T Norman and S Worswick, Los Angeles, CA. Keck School of Medicine of the University of Southern California
 Abstract 424

Diversity, Equity and Inclusion III
 Room 5 (Sunset Center)
Ricardo Correa, Presiding

- 8:00 ENHANCING SEXUAL AND REPRODUCTIVE HEALTH LITERACY AND EMPOWERMENT FOR INDIGENOUS ADOLESCENT FEMALES THROUGH A COMPREHENSIVE, COMMUNITY-BUILT EDUCATION SERIES IN RURAL NEPAL.**
KM Gray, A Chambers, L Nakajima, S Loughton, S Bondy, A Ho and V Kapoor, Vancouver, BC, Canada. University of British Columbia
 Abstract 425
- 8:15 PERSPECTIVES ON A TRANSITION TO STANDARDIZED LETTERS OF RECOMMENDATION TO SUPPORT CANDIDATES APPLYING TO GRADUATE MEDICAL EDUCATION PROGRAMS: CAN A STEP TOWARDS HOLISTIC REVIEW IMPROVE DIVERSITY, EQUITY, AND INCLUSION GOALS?**

A Nguyen, C Zipf-Sigler, A Huang, R De Leon and A Kumar, Spokane, WA; Seattle, WA; Allentown, PA. *Washington State University Elson S. Floyd College of Medicine*
Abstract 427

8:30 THE IMPACT OF HOMELESSNESS ON MANAGEMENT OF MENSTRUATION AND DYSMENORRHEA IN POMONA, CA.

GK Ahuja, S Holtzman, S Fuchs and AL Nelson, Pomona, CA. *Western University of Health Sciences*

Abstract 428

8:45 THE IMPACT OF STRUCTURAL HEALTH INEQUITIES ON THE AAP'S 2022 POLICY: BREASTFEEDING AND THE USE OF HUMAN MILK.

S Saleem and K Burger, Pomona, CA. *Western University of Health Sciences, College of Osteopathic Medicine of the Pacific (WSMRF)*

Abstract 429

9:00 BARRIERS AND FACILITATORS TO STAYING ON PERITONEAL DIALYSIS AMONG BLACK AND LATINO PATIENTS.

A Oh, G Davidson, MB Rivara, J Bullock, A Dick and E Serrano, Seattle, WA. *University of Washington (WSMRF)*

Abstract 430

9:15 THE EFFECTS OF MEDICAL STUDENT MENTORSHIP ON DISADVANTAGED PRE-MED UNDERGRADUATE STUDENTS.

RD Lopez-Flores, A Edossa, S Thomas and Z Walker, Reno, NV. *University of Nevada, Reno School of Medicine (WSMRF)*

Abstract 431

9:30 COMPARISON OF OCCUPATIONAL THERAPY AND OSTEOPATHIC MANIPULATIVE TREATMENT IN NEONATAL INTENSIVE CARE UNITS.

S Saleem, K Burger, B Takata, B Zufall and C Oosterbaan, Pomona, CA; West Covina, CA. *Western University of Health Sciences, College of Osteopathic Medicine of the Pacific (WSMRF)*

Abstract 432

Endocrinology and Metabolism III

Green Room (Sunset Center)

Sebastien Fuchs, Presiding

8:00 ORAL RISEDRONATE TREATMENT IN VARIOUS FORMS OF PEDIATRIC OSTEOGENESIS IMPERFECTA.

S Molakalapalli, A Nguyen, P Pitukcheewanont and A Ryabets-Lienhard, Los Angeles, CA. *Children's Hospital Los Angeles Keck School of Medicine, USC (WAFMR)*

Abstract 433

8:15 METABOLIC IMPACTS ON POST-SURGICAL OUTCOMES AFTER HEMIEPIPHYSIODESIS FOR HYPOPHOSPHATEMIC RICKETS.

I Marpuri, I Chen, C Grimby, O Abousamra and A Ryabets-Lienhard, Los Angeles, CA;

Edmonton, Canada. *Children's Hospital Los Angeles (WAP/WSCI Travel Award Winner)*
Abstract 434

8:30 PHENOTYPIC DIFFERENCES IN A MOTHER AND SON WITH X-LINKED HYPOPHOSPHATEMIA.

N Shrestha and C Lovato, Albuquerque, NM. University of New Mexico

Abstract 435

8:45 TEPROTUMUMAB FOR TREATMENT OF PRETIBIAL MYXEDEMA.

MP Reyes, J Singh, D Turnbull and J Cabrera, Porterville, CA. Sierra View Medical Center

Abstract 436

9:00 EVALUATING THE FREQUENCY, CHARACTERISTICS, AND SEVERITY OF NON-OSSIFYING FIBROMAS IN CHILDREN WITH CONGENITAL FORMS OF RICKETS AT TWO TERTIARY CARE CENTERS IN THE US AND CANADA.

S Torres, C Grimbley, L Ward, K Antoniak, O Abousamra and A Ryabets-Lienhard, Los Angeles, CA; Edmonton, Canada; Ottawa, , Canada. Keck School of Medicine, USC

Abstract 437

9:15 PELLAGRA, FROM HISTORY BOOKS TO PRESENT CLINICAL PRACTISE: A CASE REPORT OF ALCOHOLIC PELLAGROUS ENCEPHALOPATHY.

H Hajeh, S Narula, S Mishra and K Radicic, Bakersfield, CA. UCLA Kern Medical

Abstract 438

9:30 LEVOTHYROXINE DOSES IN PREGNANCY AND PREGNANCY OUTCOMES.

Y Pedram, Los Angeles, CA. University of Southern California

Abstract 439

9:45 PSEUDOHYPOPARATHYROIDISM TYPE 1B PRESENTING AS EARLY ONSET, SEVERE OBESITY.

KL Eckert, Sacramento, CA. UC Davis

Abstract 440

Genetics II

Rehearsal Room (Sunset Center)

Jessica Duis and Vanina Taliercio, Presiding

8:00 INPATIENT RAPID EXOME/GENOME SEQUENCING.

AJ Schildt, D Stevenson, L Yu, B Anguiano and CJ Suarez, Stanford, CA. Stanford University

Abstract 441

8:15 LANDSCAPE OF CHROMOSOMAL MICROARRAY ANALYSIS FINDINGS IN CHILDREN WITH AUTISM, DEVELOPMENTAL DELAYS, INTELLECTUAL DISABILITY, CONGENITAL ANOMALIES WITH COMORBID CONDITIONS - A SINGLE CENTRE RETROSPECTIVE REVIEW.

C Yang and EM Spiteri, Palo Alto, CA. Stanford Medicine

Abstract 442

- 8:30 THE EXTRAORDINARY BABIES STUDY: ANALYSIS OF PHYSICAL FEATURES OF PRENATALLY IDENTIFIED INFANTS WITH SEX CHROMOSOME TRISOMIES (SCT).**
J Kirk, S Davis, S Howell, M Brown and N Tartaglia, Aurora, CO. University of Colorado Anschutz Medical Campus Children's Hospital Colorado (WSPR Abbott Nutrition Subspecialty Award)
Abstract 443
- 8:45 ACTIVATED PLCB4 SYNDROME: A MULTISYSTEM DISORDER WITH POTENTIALLY TREATABLE LETHAL VASOSPASM.**
M Deardorff, S Kanai, A Kumar, J Bernstein, M Lines, C Gordon and D Clouthier, Los Angeles, CA; Palo Alto, CA; Denver, CO; Calgary, , Canada; Paris, France. Children's Hospital Los Angeles
Abstract 444
- 9:00 A NOVEL MYOFIBRILLAR MYOPATHY IN A FAMILY WITH COMPOUND HETEROZYGOUS FLNC VARIANTS.**
V Kimonis, G Lee and K Hall, Orange, CA. University of California, Irvine
Abstract 445
- 9:15 EVIDENCE THAT RARE, MOTIF-ATYPICAL TANDEM REPEAT EXPANSIONS IN FGF14 ARE ASSOCIATED WITH AUTISM SPECTRUM DISORDER.**
BA Fernandez, J Howe, W Engchaun, SW Scherer, RK Yuen, C Shum, AJ Chan and B Trost, Los Angeles, CA; Toronto, Canada. Children's Hospital Los Angeles Keck School of Medicine of USC
Abstract 446
- 9:30 NEXT GENERATION PHENOTYPING WITH QUANTITATIVE NARRATION FOR DEGCAGS SYNDROME.**
J Woods, R Freeman, and A Noronha, Madera, CA; Palo Alto, CA; Oakland, CA. Valley Children's Hospital Stanford University (WSPR Reckitt/Mead Johnson Nutrition Subspecialty Award)
Abstract 447
- 9:45 MOLECULAR TESTING IN NEWBORN SCREENING: VARIANT OF UNKNOWN SIGNIFICANCE BURDEN AMONG TRUE POSITIVE AND REPRODUCTIVE LIMITATIONS.**
E Dunn, S Cook, L Calderwood, M Campion and CG Tise, Palo Alto, CA. Stanford University
Abstract 448

Healthcare Delivery Research IV

Babcock #6 (Sunset Center)
Maralyssa Bann, Presiding

- 8:00 USABILITY AND EFFICACY OF A CLINICAL DECISION SUPPORT TOOL.**
S Zoucha, D Bailly and M Winder, Salt Lake City, UT. University of Utah (WSPR)
Abstract 449

- 8:15 BRAIN CANCER DIAGNOSIS AND PROGNOSIS USING ARTIFICIAL INTELLIGENCE AND IMAGING.**
KH Miao and JH Miao, New York, NY. NYU School of Medicine Cornell University (WAFMR)
 Abstract 450
- 8:30 PREDICTING PATHOLOGICAL FRACTURES AND OPTIMIZING MANAGEMENT WITH RADIATION AND SURGERY FOR PATIENTS WITH BONE METASTASES USING APPLICATIONS OF MEDICAL IMAGING AND ARTIFICIAL INTELLIGENCE.**
JH Miao, New York, NY. Cornell University (WAFMR)
 Abstract 451
- 8:45 EVALUATION OF ENVIRONMENTAL IMPACT REDUCTION USING MULTIDOSE CONTRAST INJECTOR IN THE EMERGENCY SETTING: A RETROSPECTIVE SINGLE CENTER EXPERIENCE.**
N Kar, S Park, C Fateri, S Rao, B Roth, V Yaghmai and R Houshyar, Orange, CA. University of California at Irvine
 Abstract 453
- 9:00 IMPACT OF COVID-19 PANDEMIC ON OSTEOPOROSIS SCREENING USING DUAL-ENERGY X-RAY ABSORPTIOMETRY.**
LA Hisatomi, A Villegas, M White, D Pina, A Garfinkel, G Agrawal, N Punatar, B Wise, P Teng and H Le, Elk Grove, CA; Sacramento, CA. California Northstate University, College of Medicine UC Davis School of Medicine (WSMRF)
 Abstract 454
- 9:15 PATIENT EXPERIENCE IN USING EXERCISERX APP: ELECTRONIC HEALTH RECORDS EMBEDDED PLATFORM TO SUPPORT PHYSICAL ACTIVITY IN PATIENTS.**
S Mozafari, R Raji, A Moroney, S Munson and C Lin, Seattle, WA; Moscow, ID. University of Washington University of Idaho (WSMRF)
 Abstract 455
- 9:30 EVALUATING THE QUALITY OF YOUTUBE VIDEOS ON VAGAL NERVE STIMULATION TREATMENT FOR DRUG-RESISTANT EPILEPSY.**
MK Tran and B Afghani, Newport Beach, CA; Orange, CA. Corona Del Mar High School (WSMRF)
 Abstract 456

Neonatology General V

Carpenter Hall

Shelley Lawrence and Deepika Sankaran, Presiding

- 8:00 ALTERNATIVE METHODS OF BILIRUBIN MEASUREMENT IN PRETERM AND TERM INFANTS ADMITTED TO NICU.**
M Biniwale, D Cho, L Barton, K Ramm and R Ramanathan, Los Angeles, CA. LAC+USC Medical Center
 Abstract 457

- 8:15 GROWTH TRAJECTORIES OF PRETERM NEONATES WITH FETAL GROWTH RESTRICTION ARE SIMILAR TO APPROPRIATE FOR GESTATIONAL AGE PRETERM NEONATES DURING NICU HOSPITALIZATION.**
H Hesse, C Levek, T Hernandez and LD Brown, Aurora, CO. University of Colorado SOM
Abstract 458
- 8:30 ASSESSING THE CLINICAL IMPACT OF SUPPLEMENTAL HUMAN MILK CREAM IN VERY LOW BIRTH WEIGHT INFANTS RECEIVING AN EXCLUSIVE-HUMAN BASED NUTRITION.**
M Tetarbe, M Chang, L Barton, R Ramanathan and R CAYABYAB, Los Angeles, CA. University of Southern California (WSPR Prolacta Fellow Research Travel Award)
Abstract 459
- 8:45 CEREBROVASCULAR RESPONSES TO A 90° TILT IN HEALTHY NEONATES.**
JS Chwa, BS Peterson, M Borzage, KM Brady, JC Wood and NN Tran, Los Angeles, CA; Chicago, IL. Keck School of Medicine, University of Southern California
Abstract 460
- 9:00 OUTCOMES OF INFANTS IN THE MOTHER BABY UNIT AFTER THE IMPLEMENTATION OF ORAL GLUCOSE GEL FOR NEONATAL HYPOGLYCEMIA.**
JY Massoumi, S Siddiqui, V Becerra, R Cayabyab, R Ramanathan and FB Wertheimer, Los Angeles, CA. LAC+USC Medical Center
Abstract 461
- 9:15 PLATELET TRANSFUSIONS IN A MULTI-NICU HEALTHCARE ORGANIZATION BEFORE VS. AFTER PUBLICATION OF THE PLANET-2 STUDY.**
TM Bahr, TR Christensen, ER Henry, M Astin, SJ Ilstrup, RK Ohls and RD Christensen, Murray, UT; Salt Lake City, UT. Intermountain Healthcare University of Utah (WSPR)
Abstract 462
- 9:30 A HUMAN MILK DIET IN LATE PRETERM AND TERM INFANTS IN THE NEONATAL INTENSIVE CARE UNIT: A PILOT RANDOMIZED CONTROLLED TRIAL.**
N Pithia, K Kesavan, M Garg and KL Calkins, Los Angeles, CA. UCLA (AFMR Henry Christian Award) (WSPR)
Abstract 463
- 9:45 PARENTAL PERCEPTIONS SURROUNDING RAPID WHOLE GENOME SEQUENCING IN THE NEONATAL INTENSIVE CARE UNIT.**
R Levy, S Malone Jenkins, R Plamquist, C Solorzano, JL Bonkowsky and C Torr, Salt Lake City, UT. University of Utah
Abstract 464

Neonatology - Perinatal Biology II

Studio 105 (Sunset Center)

Camille Fung, Presiding

8:00 CIRCADIAN DISRUPTION IMPACTS FEMALE FERTILITY.

SM Britz, KM Earhart, JK Pru and EE Schmitt, Seattle, WA; Laramie, WY. University of Washington School of Medicine (WSMRF)

Abstract 465

8:15 THE ROLE OF GATA4 IN LUNG HYPOPLASIA AND PULMONARY HYPERTENSION ASSOCIATED WITH CONGENITAL DIAPHRAGMATIC HERNIA.

B Pham, G Stokes, M Wienhold, R Hernan, W Chung and D McCulley, San Diego, CA; New York, NY; Madison, WI. University of California, San Diego Rady Children's Hospital of San Diego (WSPR)

Abstract 466

8:30 ANGIOGENIC PATHWAYS ARE LOWERED IN THE SKELETAL MUSCLE OF THE IUGR FETUS.

T Dear, E Chang, S Jonker, P Rozance and LD Brown, Aurora, CO; Portland, OR. University of Colorado

Abstract 467

8:45 CONTINUOUS INFUSION OF RECOMBINANT INSULIN-LIKE GROWTH FACTOR 1 AND BINDING PROTEIN 3 IMPROVES RESPIRATORY GAS EXCHANGE INDICES IN MECHANICALLY VENTILATED PRETERM LAMBS.

D Hubbard, A Rebentisch, E Major, Z Vordos, J Van Boerum, E Dawson, D Null, MJ Dahl, N Barton, G Carey, M McHale, R Ward and K Albertine, Salt Lake City, UT; Sacramento, UT; Cambridge, MA; Altrincham, United Kingdom. University of Utah University of California, Davis (AFMR Henry Christian Award) (WSMRF)

Abstract 468

9:00 BIOLOGIC POTENTIAL OF HUMAN UMBILICAL CORD DERIVED MESENCHYMAL STEM CELLS EXPOSED TO MATERNAL SMOKING AND ACTIVE SARS-COV-2 INFECTION AT DELIVERY.

S Janardhan, F Bany-Mohammed, C Uy and M Aslam, Orange, CA. University of California, Irvine

Abstract 469

9:15 UTEROPLACENTAL INSUFFICIENCY DOES NOT ALTER BRAIN DHA ACCRETION IN THE RAT.

S Hochhauser, A Cohen, H Wang, A Maschek, J Cox and L Joss-Moore, Salt Lake City, UT. University of Utah University of Utah (WSPR Prolacta Graduate Student Research Travel Award)

Abstract 470

9:30 PANETH CELL ONTOGENY IN TERM AND PRETERM LAMBS.

A Cera, G Bautista, S Gugino, S Lakshminrusimha and S McElroy, Sacramento, CA; Buffalo, NY. University of California Davis

Abstract 471

9:45 POLYUNSATURATED FATTY ACIDS MEDIATE INFLAMMATION AND IMMUNITY IN A MURINE MODEL OF PATHOLOGICAL NEOVASCULARIZATION IN OXYGEN-INDUCED RETINOPATHY.

ES Kim, M Lin, B Aguirre, M Wadehra, KL Calkins and A Chu, Los Angeles, CA. University of California, Los Angeles (WSPR Abbott Nutrition Subspecialty Award) (WSPR)

Abstract 472

Pulmonary and Critical Care II

Promenade Lobby (Sunset Center)

Michael Schivo, Presiding

8:00 THE EFFECT OF AN SOD MIMETIC ON INTERSTITIAL MACROPHAGE ACCUMULATION IN CHRONIC HYPOXIC PULMONARY HYPERTENSION.

TN Nguyen, C Lewis, JN Posey, M Jordan, SD Burciaga, R Oberley-Deegan, C Delaney and E Nozik, Aurora, CO; Omaha, NE. University of Colorado Anschutz Medical Campus University of Colorado Anschutz Medical Campus

Abstract 473

8:15 DRILLING DOWN ON HARD METAL LUNG DISEASE.

SA Gandhi, O Saeed, KD Jones, RA Cohen, P Blanc and L Santhosh, Indianapolis, IN; San Francisco, CA; Chicago, IL. UCSF (WAP/WSCI Travel Award Winner)

Abstract 474

8:30 LONGITUDINAL FOLLOW-UP OF PULMONARY FUNCTION IN PATIENTS HOSPITALIZED WITH PULMONARY COVID-19.

R Liu, J Chiu, C Flores, K Jong, S Pavuluri, C Palomino, R Randeri and B Afghani, Irvine, CA; Orange, CA. UC Irvine (WAFMR)

Abstract 475

8:45 SERUM PROCALCITONIN LEVEL IN PULMONARY COCCIDIOIDOMYCOSIS INFECTION.

S Aboaid, R Sharma, A Heidari and A Aboeed, Bakersfield, CA. Kern Medical

Abstract 476

9:00 PLATELET ALPHA GRANULE DEFICIENCY DELAYS THE DEVELOPMENT OF HYPOXIA-INDUCED PULMONARY HYPERTENSION.

JN Posey, M Jordan, SD Burciaga, E Nozik and C Delaney, Aurora, CO. University of Colorado, Anschutz Medical Campus

Abstract 477

9:15 MECHANICAL JAW THRUST: A SIMPLE IMPROVEMENT TO AN ESSENTIAL MANEUVER.

N Banyti, Vancouver, BC, Canada. University of British Columbia (WSMRF)

Abstract 478

9:30 A SHOCKING SOLUTION TO SHOCK.

J Kim, AA Zeki and L William, Sacramento, CA. UC Davis

Abstract 479

**9:45 AN 81-YEAR-OLD MAN WITH SUDDEN ONSET DYSPNEA AND
ORTHOPNEA.**

*AM Lim, JK Oberndorf, R Hambartzhumian and C Morales Chinchillas, Rancho Mirage,
CA. Eisenhower Medical Center*

Abstract 480

CONCURRENT SESSIONS

Saturday, January 21, 2023
10:15 AM – 12:00 PM

Jointly sponsored by

WESTERN SECTION AMERICAN FEDERATION FOR MEDICAL RESEARCH
WESTERN SOCIETY FOR CLINICAL INVESTIGATION
WESTERN ASSOCIATION OF PHYSICIANS
WESTERN SOCIETY FOR PEDIATRIC RESEARCH
WESTERN STUDENT MEDICAL RESEARCH FORUM

Case Reports II.....Promenade Lobby
Genetics III.....Rehearsal Room
Healthcare Delivery Research IV.....Babcock #6
Hematology and Oncology III.....Green Room
Immunology and Rheumatology II.....Room 5, Sunset Center
Neonatology – General VI.....Carpenter Hall
Neonatology Pulmonary IIIConductor’s Room
Neuroscience III.....Studio 105

Case Reports II

Promenade Lobby (Sunset Center)

W. Conrad Liles, Presiding

**10:15 PRIMARY MONKEYPOX AND SECONDARY SYPHILIS IN AN HIV PATIENT:
A COMMUNITY HOSPITAL EXPERIENCE.**

C D'Assumpcao, G Castanares, *M Fang*, R McPheeters and A Heidari, Bakersfield, CA.
Kern Medical

Abstract 481

**10:30 MYOPERICARDITIS IN A PEDIATRIC PATIENT WITH TYPICAL
HEMOLYTIC UREMIC SYNDROME.**

A Lew, A Henning and S Kache, Palo Alto, CA. *Stanford University*

Abstract 482

**10:45 PURPLE URINE BAG SYNDROME: A RARE PHENOMENON OF URINARY
TRACT INFECTION.**

D Khalid, H Hajeh, G Singh, M Munnangi and N Quillatupa, Bridgetown, Barbados;
Bakersfield, CA; Pomona, CA. *Ross University School of Medicine*

Abstract 483

**11:00 A CASE OF SECOND-GENERATION, VERTICALLY TRANSMITTED, MULT-
DRUG RESISTANCE CONGENITAL HIV.**

A Mills, J Wang, AM Yeh and M Cielo, Los Angeles, CA. *University of Southern
California/LAC+USC Medical Center*

Abstract 484

11:15 CATASTROPHIC CASE OF WEST NILE VIRUS RHOMBOENCEPHALITIS IN A PATIENT WITH AIDS.

C D'Assumpcao, R Sharma, M Valdez, E Salimi, A Chaudhry, R Kuran and A Heidari, Bakersfield, CA; Los Angeles, CA; Pomona, CA. *Kern Medical David Geffen School of Medicine, UCLA*

Abstract 485

11:30 PRIMARY DISSEMINATED *NOCARDIA BRASILIENSIS* IN AN IMMUNOCOMPETENT PATIENT.

A Hauser, M Valdez, G Singh, J Mungcal, I Fong, C D'Assumpcao, K Radicic and A Heidari, Bakersfield, CA. *Kern Medical*

Abstract 486

11:45 MENINGOVASCULAR NEUROSYPHILIS PRESENTING WITH ANOMIC APHASIA.

C D'Assumpcao, A Garcia, C Logan, K Sabetain, R Johnson and A Heidari, Bakersfield, CA; Bridgetown, Barbados; Cupecoy, Sint Maarten (Dutch part). *Ross University School of Medicine*

Abstract 487

Genetics III

Rehearsal Room (Sunset Center)

Heather Byers and Dave Viskochil, Presiding

10:15 DETECTION OF ZELLWEGER SPECTRUM DISORDER ON NEWBORN SCREENING AND THE VALUE OF URINE ORGANIC ACID STUDIES.

L Chilakamarri, SM Huguenin, T Cowan, K Cusmano-Ozog and CG Tise, Palo Alto, CA; Santa Clara, CA. *Stanford University*

Abstract 488

10:30 HEART TRANSPLANTATION IN MULIBREY NANISM: TRULY PERSONALIZED MEDICINE.

E Frandsen, N Shwaish, M Bock and J Gold, Loma Linda, CA; San Diego, CA. *Rady's Children's Hospital WSPR Reckitt/Mead Johnson Nutrition Junior Faculty Award*

Abstract 489

10:45 INTERACTIONS BETWEEN RAPTOR AND TRANSLATION GENES CONTROLLING HYPOXIC DEATH.

A Correa-Medina and C Crowder, Seattle, WA. *University of Washington School of Medicine*

Abstract 491

11:00 EVALUATION OF FAMILY HISTORY DOCUMENTATION IN A TERTIARY PEDIATRIC ONCOLOGY SETTING BEFORE AND AFTER DIDACTIC INTERVENTION.

F Bhansali, K Woo, N Federman and V Chang, Los Angeles, CA. *UCLA*

Abstract 492

11:15 NEW FINDING OF CARDIOMYOPATHY IN MED12-RELATED DISORDER.

ER Vieta-Ferrer, NJ Halnon, A Shikany, K Weaver and B Russell, Los Angeles, CA; Cincinnati, OH. *UCLA Jules Stein Eye Institute-UCLA*

Abstract 493

11:30 JUVENILE XANTHOGRAMULOMAS IN NF1: SHOULD WE WORRY?

V Talierno, G Akay, C Hagedorn and D Viskochil, Salt Lake City, UT. University of Utah

Abstract 494

Healthcare Delivery Research V

Babcock #6 (Sunset Center)

Jorge Nieva, Presiding

10:15 IMPACT OF COVID-19 PANDEMIC ON PHARMACOLOGIC TREATMENT OF PATIENTS NEWLY DIAGNOSED WITH OSTEOPOROSIS.

M White, LA Hisatomi, A Villegas, D Pina, A Garfinkel, G Agrawal, N Punatar, B Wise, P Teng and H Le, Sacramento, CA; Elk Grove, CA. UC Davis School of Medicine

Abstract 495

10:30 INCREASE IN CENTRAL LINE-ASSOCIATED AND HEALTHCARE-ASSOCIATED BLOODSTREAM INFECTIONS IN THE UNIVERSITY OF UTAH NEONATAL INTENSIVE CARE UNIT.

M Nolan, M Elkayssi, B Chan, C Ling and P Grubb, Salt Lake City, UT. University of Utah (WSPR)

Abstract 496

10:45 PERSPECTIVES OF A PREDOMINANTLY MARGINALIZED POPULATION ON TELEMEDICINE.

M Azarmi, S Hussain, D Chin, H Nguyen-Tang and B Afghani, Orange, CA. UC Irvine School of Medicine Children's Hospital of Orange County

Abstract 497

11:00 BRAIN HEALTH PROGRAM CLINICALLY IMPROVES QUALITY OF LIFE OUTCOMES FOR PATIENTS WITH MULTIPLE SCLEROSIS.

J Felker, L Vidal, J Skoda, K Keefer and A Miravalle, Aurora, CO; Fort Collins, CO. University of Colorado School of Medicine (WSMRF)

Abstract 498

11:15 TREATING MYOFASCIAL PAIN IN OTHELLO, WA: DRY & WET NEEDLING THERAPIES.

RE Caro and J Alsarraj, and M Zha, Othello, WA; Spokane, WA. Columbia Basin Health Association

Abstract 499

11:30 TIKTOK, IT'S THAT TIME OF MONTH: A QUALITATIVE EVALUATION OF TIKTOK AS A SOURCE OF INFORMATION ON MENSTRUATION.

N Nguyen, CM Haddadin and AL Nelson, Pomona, CA. Western University of Health Sciences

Abstract 500

11:45 HOME VS. HOSPITAL BIRTH: PATIENT PERCEPTIONS, ATTITUDES, AND ADVICE EXPRESSED ON REDDIT.

K Morris, F Lane, A Nelson and H Stohl, Pomona, CA; Lebanon, OR; Los Angeles, CA. Western University of Health Sciences

Hematology and Oncology III

Green Room (Sunset Center)

Everardo Cobos, Presiding

10:15 THE ROLE OF LIPOCALIN-2 IN TRIPLE NEGATIVE BREAST CANCER SPHEROID/ORGANOID PROGRESSION AND INVASION.

A Gerami, J Gamez, J Cox, F Sanchez and J Kelber, Pomona, CA; Northridge, CA.

Western University of Health Sciences California State University, Northridge (WSMRF)

Abstract 502

10:30 CROSS SECTIONAL ANALYSIS OF TRANSCRIPTOMICS IN MELANOMA-BRAIN METASTASIS.

JJ Owen, S Capone and G In, Dallas, TX; Los Angeles, CA; Roanoke, VA. Texas A&M

School of Medicine (WSMRF)

Abstract 503

10:45 CELL-FREE DNA ACCURATELY DISTINGUISH VISCERAL METASTASES BASED ON TRANSCRIPTION FACTOR BINDING SITES IN RADIUM-223-TREATED METASTATIC CASTRATION-RESISTANT PROSTATE CANCER.

DD Chen, A Zimmer, AD Choudhury and G Ha, Seattle, WA; Boston, MA. University of

Washington School of Medicine

Abstract 504

11:00 BLADDER CANCER CHEMOTHERAPY RESISTANCE IS REGULATED BY RNA METHYLATION.

E Hodara, A Madas, S Rhie and A Goldkorn, Los Angeles, CA. Keck School of Medicine

of USC (WSMRF)

Abstract 505

11:15 HYPONATREMIA IN PEDIATRIC B-ALL PATIENTS DURING INDUCTION THERAPY.

TL Thein and P Gaynon, Los Angeles, CA. Keck School of Medicine of USC (WSMRF)

Abstract 506

11:30 ROLE OF TGF-B PATHWAY ACTIVATION IN METASTATIC EWING SARCOMA.

T Lipson, E Wrenn and E Lawlor, Seattle, WA. Seattle Children's Research Institute

University of Washington School of Medicine (WSMRF)

Abstract 507

11:45 AUGMENTING TRADITIONAL SICKLING TEST USING AUTOMATED MICROSCOPY AND MACHINE LEARNING: A LOW-COST APPLICATION FOR SICKLE CELL DISEASE SCREENING IN RURAL NEPAL.

C Bhatla, P Shrestha, R Hong, C Harrigan, Y Deng, C Lanz, V Kapoor and B Stoeber,

Vancouver, BC, Canada. University of British Columbia (WSMRF)

Abstract 508

Immunology and Rheumatology II

Room 5 (Sunset Center)

Jane Buckner and Kevin Deane, Presiding

- 10:15** *State-of-The-Art Speaker:*
REGULATORY T CELLS IN T1D – FROM GWAS TO GENE EDITING.
Jane Hoyt Buckner, *Benaroya Research Institute, University of Washington*
- 10:45** **NNIF-MEDIATED NEUTROPHIL EXTRACELLULAR TRAP INHIBITION REQUIRES NEUTROPHIL PROTEINASE 3 EXPRESSION.**
JL Rustad, A Ajanel Gomez, M Kowalczyk, MJ Cody, C de Araujo, F Denorme, RA Campbell and CC Yost, Salt Lake City, UT; Burlington, VT. *University of Utah University of Vermont College of Medicine (WAFMR/WAP Student Subspecialty Award Winner) (WSMRF)*
Abstract 509
- 11:00** **USE OF DISEASE MODIFYING ANTI-RHEUMATIC DRUGS AND RISK OF MULTIPLE MYELOMA IN RHEUMATOID ARTHRITIS.**
Y Tokareva, A Peterson, A Baraff, N Smith, D Coffey, N Weiss and N Singh, Seattle, WA; Miami, FL. *University of Washington*
Abstract 510
- 11:15** **TRANSCRIPTIONAL PROFILING OF GERMLINE-ENCODED, MYCOLYL-REACTIVE CELLS IN PREVIOUSLY MYCOBACTERIUM TUBERCULOSIS-EXPOSED PERUVIANS.**
A Hsieh, K Lopez, SK Iwany, JF Reijneveld, TA Ocampo, J Jimenez, R Calderon, L Lecca, MB Murray, DB Moody, I Van Rhijn and S Suliman, San Francisco, CA; Pomona, CA; Lima, Peru; Boston, MA; Utrecht, Netherlands. *UCSF School of Medicine College of Osteopathic Medicine of the Pacific, Western University of Health Sciences (WSMRF)*
Abstract 511
- 11:30** **A COMPARISON OF FACTORS ASSOCIATED WITH IMMINENT TRANSITION FROM PRE-RHEUMATOID ARTHRITIS TO CLINICALLY-APPARENT INFLAMMATORY ARTHRITIS IN ACPA POSITIVE INDIVIDUALS.**
DC Carlson, ML Feser, DT Bergstedt, CC Striebich and K Deane, Aurora, CO; Denver, CO. *University of Colorado Anschutz Medical Campus (WAP/WSCI Travel Award Winner)*
Abstract 512
- 11:45** **A CURIOUS CASE OF MASTOCYTOSIS.**
R Rahimi, VE Espinoza, H Truong, E Hashem, N Mangat and I Garcia-Pacheco, Bakersfield, CA. *Kern Medical*
Abstract 513

Neonatology General VI

Carpenter Hall

Tim Bahr and Henry Lee, Presiding

10:15 EFFECT OF DIFFERENT LOCATION OF DOPPLER SAMPLING GATE AT THE VENTRICULAR OUTFLOW TRACT ON THE VELOCITY TIME INTEGRAL WHEN MEASURING CARDIAC OUTPUT IN NEONATES.

J Huang, M Ebrahimi, M Durand, S Noori, R Ramanathan, R Cayabyab and MA Adie, Los Angeles, CA. LAC+USC Medical Center Keck School of Medicine of University of Southern California

Abstract 514

10:30 LOW-FIDELITY NEONATAL RESUSCITATION PROGRAM SIMULATION AS PART OF THE ACADEMIC CURRICULUM YIELDS IMPROVED RETENTION OF SKILLS IN PEDIATRIC TRAINEES.

J Yom, K Kasbati and M Khan, Los Angeles, CA; Brooklyn, NY. LAC+USC Medical Center, Keck School of Medicine of University of Southern California Maimonides Medical Center

Abstract 515

10:45 RATES OF LUMBAR PUNCTURE SUCCESS WITH AND WITHOUT POINT OF CARE ULTRASOUND IN THE NEONATAL INTENSIVE CARE UNIT.

H Gu, R Dasani, L Bain, A Rao and S Bhombal, Palo Alto, CA; Atlanta, GA. Stanford University (WSPR)

Abstract 516

11:00 EFFECTS OF DELIVERY ROOM INTERVENTIONS ON NEONATAL OUTCOMES IN VERY LOW BIRTH WEIGHT INFANTS.

K Ramm, C Marquez, A Hisey, Y Shao, NS Nanduri, L Barton, R Ramanathan and M Biniwale, Los Angeles, CA. LAC+USC Medical Center

Abstract 517

11:15 CHARACTERIZING CEREBRAL BLOOD FLOW AND ITS ALTERATIONS FROM PACKED RED BLOOD CELL TRANSFUSION DURING THE FIRST WEEK OF LIFE IN PREMATURE INFANTS.

M Tetarbe, M Biniwale, D Nagesh, R Ramanathan and T Wu, Los Angeles, CA. University of Southern California

Abstract 518

11:30 CAN PLACENTAL ABRUPTION CAUSE NEONATAL ANEMIA?.

SM Tweddell, TM Bahr, ER Henry, J Page, SJ Ilstrup, RK Ohls and RD Christensen, Salt Lake City, UT. University of Utah

Abstract 519

11:45 A QUALITATIVE INVESTIGATION OF CAREGIVER COMMUNICATION PREFERENCES AND DISPARITIES BY PRIMARY LANGUAGE IN A LEVEL IV NEONATAL INTENSIVE CARE UNIT.

C Ramo, SL Bourque, MA Palau, M Nino de Guzman Ramirez, R Guigli, M Mascorro and S Hwang, Denver, CO. University of Colorado (WSPR)

Abstract 520

Neonatology Pulmonary III

Conductor's Room (Sunset Center)

Sandra L. Leibel and Erica Mandell, Presiding

10:15 OBSERVED-TO-EXPECTED MRI FETAL LUNG VOLUME AS A PREDICTOR OF OUTCOMES IN SEVERE DIAPHRAGMATIC HERNIA.

T Ellsworth, B Yoder and M Yang, Salt Lake City, UT. University of Utah

Abstract 521

10:30 DEXAMETHASONE USE IN PRETERM INFANTS ON NON-INVASIVE POSITIVE-PRESSURE VENTILATION.

S Kim, L Barton, R Ramanathan and M Biniwale, Los Angeles, CA. LAC+USC Medical Center, Keck School of Medicine of University of Southern California

Abstract 522

10:45 FACTORS DETERMINING SUCCESS VS FAILURE OF NONINVASIVE POSITIVE PRESSURE VENTILATION IN THE DELIVERY ROOM IN INFANTS WEIGHING MORE THAN 1500 GM BIRTH WEIGHT.

T Kurup, L Barton, R Ramanathan and M Biniwale, Los Angeles, CA. LAC-USC Medical Center

Abstract 523

11:00 USE OF NONINVASIVE BIOMARKER SATURATION TO FIO₂ RATIO TO STUDY PULMONARY EFFECTS OF PATENT DUCTUS ARTERIOSUS IN THE DEVELOPMENT OF BRONCHOPULMONARY DYSPLASIA IN EXTREMELY LOW BIRTH WEIGHT INFANTS.

R Kibe, M Chu, R Cayabyab, M Biniwale and R Ramanathan, Los Angeles, CA. LAC+USC Medical Center Keck School of Medicine, USC

Abstract 524

11:15 A QUALITY IMPROVEMENT INITIATIVE IMPLEMENTING LESS INVASIVE SURFACTANT ADMINISTRATION.

S Newman-Lindsay, A Cera, J Vaughn, C Sollinger and K Kuhn-Riordon, Sacramento, CA. UC Davis

Abstract 525

11:30 INCIDENCE, RISK FACTORS, AND ANTIBIOTIC USE IN VENTILATOR ASSOCIATED PNEUMONIA IN VERY LOW BIRTH WEIGHT INFANTS—EXPERIENCE AT A SINGLE LEVEL III NEONATAL INTENSIVE CARE UNIT.

J Huang, M Cielo, L Barton, R Ramanathan and R Cayabyab, Los Angeles, CA. LAC+USC Medical Center Keck School of Medicine of University of Southern California

Abstract 526

11:45 EVALUATION OF PRESSURE DELIVERY BY HEATED, HUMIDIFIED, HIGH FLOW NASAL CANNULA IN AN ARTIFICIAL NEONATAL AIRWAY MODEL.

AF Miner, LJ Miner, S Cheney and B Yoder, New Brunswick, NJ; Salt Lake City, UT. Rutgers Robert Wood Johnson Medical School

Abstract 527

Neuroscience III

Studio 105 (Sunset Center)

Frances Chow, Presiding

10:15 INTRAPERITONEAL INSULIN-LIKE GROWTH FACTOR-1 IS NEUROPROTECTIVE AND IMPROVES COGNITIVE-BEHAVIORAL OUTCOMES AFTER TRAUMATIC BRAIN INJURY.

A Pereverzev, B Heckel, L Venkatasamy, J Hoar, J Iannucci and L Shapiro, College Station, TX. Texas A&M University School of Medicine

Abstract 528

10:30 BETTER VISUOSPATIAL MEMORY OUTCOMES FOLLOWING LASER ABLATION COMPARED TO ANTERIOR TEMPORAL LOBECTOMY.

K Hulse, B Grannan, J Kang, M Kim, J Tsai, S Hakimian, J Hauptman, J Ojemann and A Ko, Seattle, WA. University of Washington

Abstract 529

10:45 NOVEL MODEL OF GLOBAL CEREBRAL ISCHEMIA INDUCED BY CARDIAC ARREST REVEALS HIPPOCAMPAL DYSFUNCTION.

E Tiemeier, A Dingman, S Kathires, N Quilinan and RM Dietz, Aurora, CO. University of Colorado Anschutz Medical Campus (WAP/WSCI Travel Award Winner)

Abstract 530

11:00 EXOSOME-EXPOSED ARF-8 CHORDOMA AND OSTEOBLAST CELL LINES EXPERIENCE CHANGES IN PROTEINS AFFECTING SIGNALING METABOLISM, CELL MOVEMENT, AND COMMUNICATION.

KN Nguyen and MW Graner, Aurora, CO. University of Colorado (WSMRF)

Abstract 531

11:15 INVESTIGATION OF VISUOSPATIAL PLAQUE DIMENSIONS IN MULTIPLE SCLEROSIS AS MEASURED BY CONVENTIONAL T2 WEIGHTED MAGNETIC RESONANCE IMAGING VERSUS ADVANCED MAGNETIC RESONANCE IMAGING TECHNIQUES.

A Ramprasad, F Qureshi and R Khan, Kansas City, MO; Fort Wayne, IN. University of Missouri-Kansas City School of Medicine

Abstract 532

11:30 ASSESSING MEDICAL AND PHYSICAL THERAPY STUDENTS' COMPETENCIES IN CONCUSSION MANAGEMENT PROTOCOL.

E Lupori, F Iqbal, D Wang, EA Tangog, W Cheung, L McKay, T Alsky and D Baron, Pomona, CA; Tucson, AZ; Irvine, CA; Lebanon, OR. Western University of Health Science - COMPNW (WSMRF)

Abstract 533

11:45 IMPACT OF CLINICAL ROTATIONS/SHADOWING ON CONCUSSION KNOWLEDGE AMONG MD/PT STUDENTS IN THE US.

F Iqbal, E Lupori, D Wang, W Cheung, EA Tangog, L McKay, T Alsky and D Baron, Lebanon, OR; Tucson, AZ; Irvine, CA; Pomona, CA. Western University of Health Sciences Western University of Health Sciences College of Osteopathic Medicine of the Pacific (WSMRF)

Abstract 534

**OFFICERS
2022-2023**

Western Section American Federation for Medical Research

CHAIR Ricardo Correa <i>University of Arizona College of Medicine</i>	CHAIR-ELECT David A Stevenson <i>Stanford University</i>	SECRETARY/TREASURER Mimi Kim Children's Hospital Los Angeles
	PAST-CHAIR Melanie Cree-Green <i>University of Colorado Anschutz</i>	
	COUNCILORS	
Amanda Brooks <i>Rocky Vista University</i>	Milind Dhond <i>Northbay Healthcare</i>	Sebastien Fuchs <i>Western University Health Sciences</i>
Anne L. Maiden-Hope <i>Midwestern University</i>	Gustavo Matute-Bello <i>University of Washington</i>	Anna Ryabets-Lienhard <i>Children's Hospital Los Angeles</i>
Saad Sammani <i>University of Arizona</i>	Kalie L. Tommerdahl <i>University of Colorado Anschutz Medical Campus</i>	Meredith A Ware <i>Rocky Vista University</i>

Western Association of Physicians and Western Society for Clinical Investigation

PRESIDENT W. Conrad Liles <i>University of Washington</i>	VICE PRESIDENT Frederick S. Buckner <i>University of Washington</i>	SECRETARY/TREASURER W. Conrad Liles <i>University of Washington</i>
	COUNCILORS	
David N. Gilbert <i>Providence Portland Medical Center</i>	Carlin Long <i>University of California, San Francisco</i>	Charles Edelstein <i>University of Colorado-Denver</i>
Peter Ganz <i>University of California, San Francisco</i>	Joshua Goldhaber <i>Cedars-Sinai, Los Angeles</i>	Robert Ross <i>University of California, San Diego</i>

Western Society for Pediatric Research

PRESIDENT Henry Lee <i>University of California San Diego</i>	PRESIDENT-ELECT Nichole Tartaglia <i>University of Colorado</i>	PAST PRESIDENT Laura Brown <i>University of Colorado</i>
SECRETARY/TREASURER Mariana Baserga <i>University of Utah</i>	OF COUNCIL Marilyn C. Jones <i>Children's Hospital, San Diego</i>	OF COUNCIL Robin Ohls <i>University of New Mexico</i>
COUNCILORS		
Anita Beck <i>University of Washington</i>	Lynne Bird <i>University of California San Diego</i>	Alison Chu <i>University of California Los Angeles</i>
Cassidy Delaney <i>University of Colorado</i>	Allison Dempsey <i>University of Colorado</i>	Camille Fung <i>University of Utah</i>
Shelley Lawrence <i>University of Utah</i>	Eniko Sajti <i>University of California San Diego</i>	Meera Sankar <i>Stanford University</i>
Rowena Cayabyab <i>University of Southern California</i>	Diane Stafford <i>Stanford University</i>	

Western Student Medical Research Forum Officers

	Executive Co-Directors Maralyssa Bann <i>University of Washington School of Medicine</i> Jorge Nieva <i>University of Southern California</i>	
--	--	--

2023 WMRC Author Index			
FN	LN	Prog#	Poster#
Arian	Abdi	329	
Shatha	Aboaid	405, 476	
Jesslin	Abraham	139, 161, 223, 293	1, 63
Annika	Ackermann	422	
Cole	Adams	330	
Anthony	Adducci	1	
Rafiat	Adekunle	409	
Blake	Adnani	358	
Grace	Ahuja	428	
Hanna	Ahuja	224	64
Sonya	Ahuja	49	
Gulsen	Akay	286	
Mariano	Alba	426	
Cheldon Ann	Alcantara	162	2
Catherine	Alder	406	
Gabriel	Alemayehu	66	
Natalie	Alvarado	122	
Saul	Alvarado	134	
Amal	Anilkumar	76	
Jamie	Archambault	61	
Daniel	Ardjmand	289	
Hector	Arreaza	140	
Sandi	Assaf	355	
Krystal	Austin	48	
Mojan	Azarmi	497	
Palvir	Baadh	24	
Timothy	Bahr	381, 462	
Barinder (Beenu)	Bajwa	74	
Zayna	Bakizada	91	
Durganili	Balasubramaniyan	295	
Norbert	Banyi	478	
Mandip	Bassi	25	
Leah	Bautista	3	
Alyssa	Becker	356	
John	Belk	412	
Nicolas	Belliard	408	
Angel	Benitez-Mello	86	
Dylan	Bergstedt	163	3
Franceska	Bhansali	492	
Christopher	Bhatla	508	
Amanda	Bickman	278	
Rohini	Bilagi	164	4
Manoj	Biniwale	129	
Anna	Bjarvin	310	
Joshua	Bloomstein	370	
Tristan	Bohlman	165	5

Danielle	Bohonos	225	65
Lauren	Bondi	93	
Michael	Boysen	107	
Samantha	Britz	465	
Nikolas	Brzezinski	226	66
Annelise	Bui	227	67
Ashleigh	Calcote	369	
Annie	Cao	41	
Daniel	Carlson	512	
Melissa	Carpenter	156	
Nicholas	Carr	382	
Morgan	Casper	296	
Victoria	Cegielski	367	
Anjali	Cera	471	
Ed	Cha	81	
Taewoong (Peter)	Chae	411	
Brandon	Chai	362	
Ella	Chan	264	
Jessica	Chandrasekhar	89	
Jill	Chang	322	
Megan	Chang	228, 383	68
Akriti	Chaudhry	110	
Rebecca	Chavez	138	
Rohan	Chawla	399	
David	Chen	504	
Leah	Chen	413	
Pauline	Cheng	273	
Olga	Cherepakhin	166	6
Lekha	Chilakamarri	488	
Daniel	Cho	457	
Rehan	Choudhury	158	
Thomas	Christensen	56	
Madeline	Chun	136	
Jason	Chwa	460	
Toby	Clark	395	
Adrienne	Cohen	60, 100	
Noelle	Coniglio	229	69
Michael	Cookson	416	
Abraham	Correa-Medina	491	
Cynthia	Curry	379	
Deven	Curtis	121, 316	
Hannah	Curtis	361	
Kyanna	Cusick	364	
Gia	Da Roza	265	
Kayla	Danesh	167	7
Maria	Danusantoso	230	70
Tristan	Dear	467	
Matt	Deardorff	444	
Daniel	DeChance	152	

Joshua	DeJong	2	
Nathaniel	DeMarco	391	
Yvonne	Deng	26	
Edwin	Deras	288	
Monica	Desai	84	
Anish	Devati	346	
Amritpal	Dhillon	168, 169	8, 9
Kyra	Diehl	231	71
Raymond	Diep	106	
Tessa	Dignum	363	
Mia	Dobbin	266	
Jade	Douglas	300	
Alexandra	Drury	268	
Emily	Dunn	448	
Elizabeth	Duran-Valdez	16	
Kathryn	Eckert	440	
Seth	Eckhardt	151	
Charles	Edelstein	388	
Halley	Egnew	31	
Laaibah	Ejaz	275	
Chloe	Elias	396	
Tanner	Ellsworth	521	
Nesreen	Elsaadi	350	
Kareem	Elsherif	301	
Anahita	Emamian	36	
Ian	Engerbretson	170	10
Paige	Erickson	380	
Valerie	Espinoza	149, 171, 172, 173, 174, 175, 513	11, 12, 13, 14, 15
Merai	Estafanous	21	
Adriana	Etcheverry	101	
Emma	Every	113	
Olaniyi	Fadeyi	176, 177, 178	16, 17, 18
Carolyn	Fall	57, 345	
Michelle	Fang	179, 481	19
John	Feister	354	
Jennifer	Felker	498	
Bridget	Fernandez	446	
Zachary	Fishburn	299	
Allison	Fisher	337	
Sophie	Fleuret	373	
Emilie	Foltz	357	
Laura	Forero	304	
Erik	Frandsen	489	
Reva	Frankel	305	
Eric	Fu	137	
Veda	Gadiraju	159	
Sheiphali	Gandhi	474	
Tarun	Gandhi	368	

Emily	Garavatti	336	
Austin	Garcia	150, 180, 487	20
Amir	Gerami	502	
Kishan	Ghadiya	181	21
Evan	Giusto	62	
Ira	Glassman	182, 366	22
Alisa	Goldrich	14	
Adriana	Gomes	378	
Maria Martes	Gomez	245	85
Luigi	Gonzales	88	
Danielle	Graham	183	23
Katherine	Gray	425	
Maya	Grayck	124	
Sanya	Grover	338	
Hannah	Gu	516	
Rachel	Guest	5	
Emily	Gurwitz	386	
Darren	Ha	184	24
Janica	Ha	321	
Nhi	Ha	185	25
Collette	Haddadin	500	
Paul	Hage	83	
Haidar	Hajeh	186, 187, 281, 439	26, 27
Kathleen	Hannan	314	
Cannon	Hansen	320	
Gideon	Harianja	96	
Caroline	Harrison	6	
Dylan	Hatai	59	
Arash	Heidari	371	
Rachel	Henderson	188	28
Allison	Henning	482	
Nicolette	Herbert	232	72
Andres	Hernandez	372	
Hilary	Hesse	458	
Ankit	Hirpara	157	
Milan	Hirpara	160	
Lauren	Hisatomi	454	
Su	Hlaing	189	29
Alexander	Ho	490	
Sophie	Hochhauser	470	
Maryam	Hockley	280	
Emmanuelle	Hodara	505	
Andrew	Hostler	394	
Alan	Hsieh	511	
Jonathan	Hu	272	
Carmen	Huang	410	
Jane	Huang	148, 233, 514, 526	73
Sarah	Huang	290	

Dallin	Hubbard	128, 468	
Kyle	Hulse	133, 529	
Taylor	Imai	18	
Keiko	Inouye	397	
Fatima	Iqbal	534	
Megan	Irby	377	
Emmanuelle	Issa	235	75
Grant	Jacobsen	417	
Jasmine	James	98	
Shruthi	Janardhan	234, 469	74
Christopher	Jenkins	135	
Ishani	Jhamb	282, 317	
Jessie	Jiang	375	
Christopher	Johnson	376	
Lorraine	Johnson	343	
Aspen	Johnston	17	
Danielle	Jones	236	76
Mariah	Jordan	141	
Stan	Jordan	389	
Jessica	Jue	237	77
Jill	Kaar	344	
Venina	Kalistratova	72	
Mohammed	Kanani	71	
Avery	Kaplan	401	
Nina	Kar	453	
Alexander	Kashou	402	
Laura	Keehan	307	
Leslie	Kenefick	95	
Danish	Khalid	404, 483	
Zoya	Khan	119, 315	
Rutuja	Kibe	126, 313, 524	
Esther	Kim	472	
Jeremy	Kim	479	
Jooyoung	Kim	120	
Mimi	Kim	287	
Staey	Kim	522	
Virginia	Kimonis	445	
Elana	King-Nakaoka	238, 365	78
Jillian	Kirk	443	
Priya	Kishore	44	
Priya	Kohli	342	
Lovedip	Kooner	190	30
Jessica	Korobkin	77	
Adira	Kruayatidee	407	
Ratha	Kulasingam	274	
Trisha	Kurup	523	
Michael	Kwong	191	31
Aileen	Lam	132	
Fiona	Lane	97	

Christopher	Lanz	27	
Abigail	Leathe	54, 117	
Ariel	Lee	192	32
Arthur	Lee	239	79
Collin	Lee	385	
Henry	Lee	115	
Sandra	Leibel	42	
Bensen	LeMaster	104	
Annel Andrea	Leon	309	
Sierra	Levene	270	
Rachel	Levy	464	
Icy	Liang	80	
Brandon	Lieu	53	
Anthony	Lim	480	
Estefania	Lima Duran	68	
Nicole	Limberg	20	
Alexis	Lin	8	
Trisha	Lipson	507	
Ben	Litmanovich	73	
Joshua	Littig	34	
Jenny	Liu	11	
Rebecca	Liu	475	
Rachel	Livergant	85	
Ruby	Lopez-Flores	431	
Gabriella	Lorusso Vivas	285	
Ellese	Lupori	415, 533	
Aaron	Lyon	194	34
Jared	Lyons	339	
Elaine	Ma	269	
Van	Ma	334, 419	
Kevin	Mai	112	
Katherine	Makaroff	12	
Hanna	Mandl	195	35
Aditya	Mantha	267	
Maverick	Marpa	393	
Ian	Marpuri	434	
Mariel	Marquez	114	
Taylor	Marshall	291	
Maria	Martes Gomez	312	
sydney	Martin	418	
Eric	Martinez	33	
Sara	Martinez	109	
Michael	Massey	116	
Jasmine	Massoumi	461	
Jana	Mauricio-Lee	325	
William	McCarthy	297	
Elizabeth	McGinn	123	
Lydia	Messele	276	
J.	Miao	451	

K.	Miao	450	
Levi	Miles	324	
Anthony	Mills	484	
Amy	Miner	527	
Lonnie	Miner	65	
Katherine	Mitchell	240	80
Georgi	Mladenov	302	
Olivia	Moeller	196	36
Sreya	Molakalapalli	433	
Kelsey	Morris	501	
Andrew	Morse	46	
Youmna	Moufarrej	94	
Yusof	Mousa	284	
Sheva	Mozafari	455	
Sophie	Nethercut	28	
Shoshana	Newman-Lindsay	294, 525	
Alisha	Nguyen	427	
Jacqueline	Nguyen	197	37
Khoa	Nguyen	52, 531	
Tangela	Nguyen	19	
Thi-Tina	Nguyen	473	
Van	Nguyen	131	
Annie	Niehaus	241	81
Keon	Niknejad	75	
Nicole	Nikolov	198	38
Mark	Nolan	496	
Thomas	Norman	424	
Yusra	Oda	9	
Andrew	Oh	430	
Masis	Ohan	199	39
Lawrence	Okumoto	200, 201	40, 41
Colin	ONeill	155	
Jacob	Owen	503	
Stefanie	Page	292	
Maya	Pai	7	
Andrew	Pardi	242	82
Jeongwoo	Park	347	
Kyu	Park	202, 203	42, 43
Isabella	Parrotta	243	83
Neha	Parvathala	263	
Arti	Patel	144, 204, 205	44, 45
Hannah	Pavlov	392	
Yasaman	Pedram	439	
Lauren	Pennington	420	
Aleksandr	Pereverzev	528	
Sirisha	Perugu	244	84
Betty	Pham	466	
Ricky	Phan	147	
Dagoberto	Piña Jr.	414	

Neema	Pithia	463	
Jacob	Plaisted	145	
Eric	Pong	47	
Ethan	Ponton	327	
Janelle	Posey	477	
Cameron	Proceviat	206	46
Tejas	Raghuram	335	
Kate	Ramm	246, 517	86
Christina	Ramo	520	
Juan	Ramos	247	87
Aarya	Ramprasad	532	
JT	Ramsey	103	
Samantha	Ratnayake	248	88
Lawrence	Raymond	452	
Caroline	Raymundo	359	
Sheila	Razdan	50, 311	
Joshua	Reddish	384	
Julie	Refkin	283	
Emma	Reisman	249	89
Sean	Renfree	207	47
Michelangelo	Reyes	436	
Ian	Richey	29	
Alyssa	Rivera	4	
Caitlin	Robinson	298	
Jorge	Rodriguez-Gil	303	
Che	Ross	250	90
Veronica	Ross	79	
John	Rustad	509	
Michaela	Sabbah	251	91
Eniko	Sajti	125	
Saba	Saleem	429, 432	
Shirin	Salehi	108	
Blake	Salfer	277	
Sajal	Sanan	252	92
Alyssa	Sanchez	102	
Rajvee	Sanghavi	38	
Deepika	Sankaran	319	
Esha	Sankhala	421	
Skyler	Schell	400	
Alison	Schildt	441	
Brandon	Scott	348	
Hareen	Seehra	398	
Vinicius	Seidel	154	
Rupam	Sharma	45, 208, 209, 210, 485	48, 49, 50
Akber	Sheikh	211	51
Nidhi	Sheth	253	93
Nancy	Shrestha	435	
Sheryar	Siddiqui	254, 387	94
Saveen	Sidhoo	111	

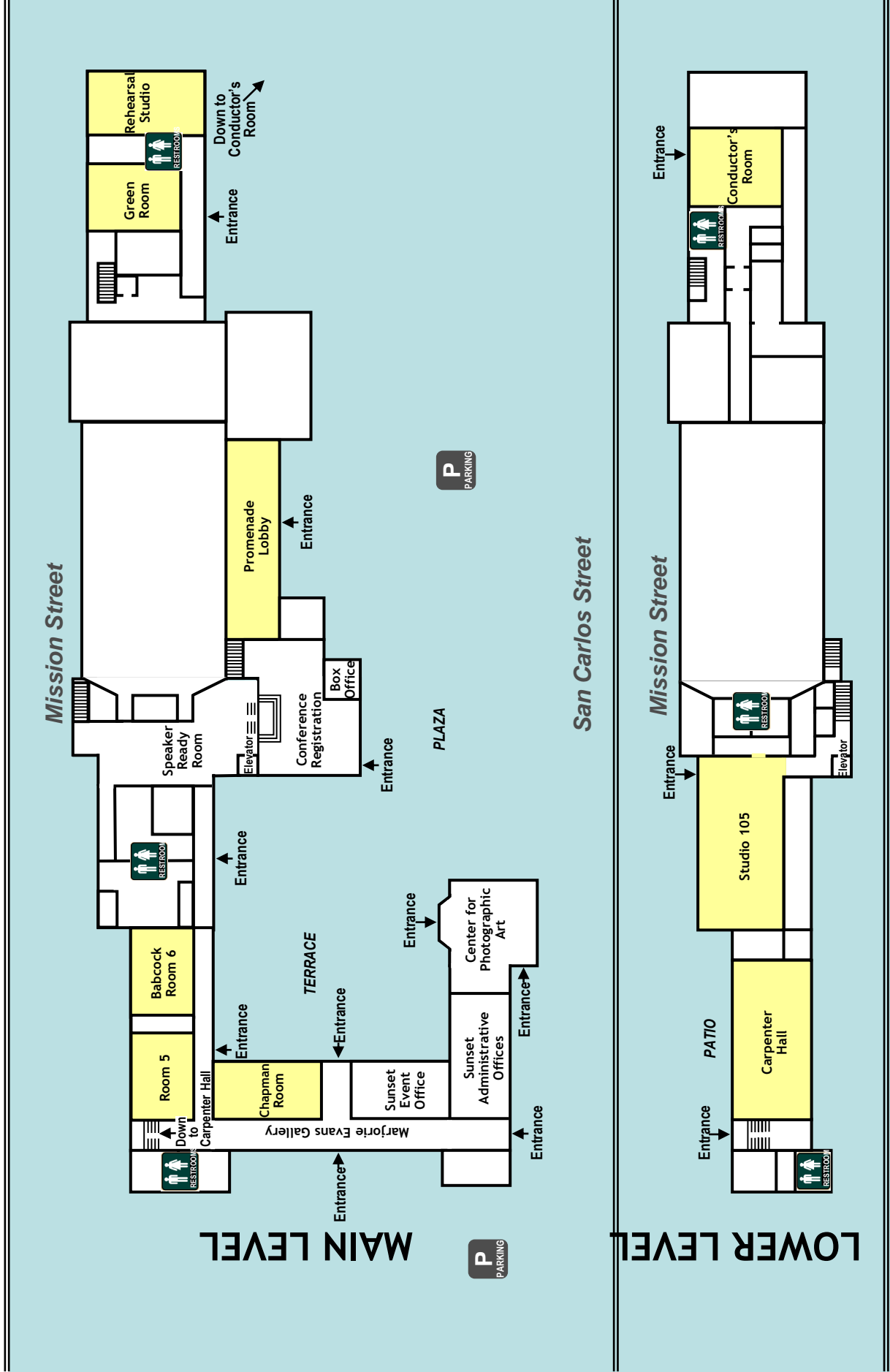
Harneet	Sidhu	340	
Heather	Siefkes	15	
Kelsey	Simek	58	
Ethan	Simmons	146	
Sneha	Singh	37	
Daniil	Sokolov	67, 153, 326	
Maulin	Soneji	32	
Ana	Starcevich	374	
Annie	Stenftenagel	255	95
Dayna	Stout	333	
Jadon	Styadi	22	
Maria	Suarez-Nieto	308	
Anuja	Sule	306	
Nuriel	Sussman	92	
Priya	Swaminathan	279	
Hillary	Ta	193	33
Khalid	Taha	390	
Shawn	Tahata	256	96
Vanina	Taliercio	494	
Stuti	Tanya	70	
Ariel	Tarrell	55, 64	
Nicole	Tartaglia	331	
Kathleen	Tedesco	403	
Sara	Teplow	360	
Manas	Tetarbe	459, 518	
An	Thai	10	
Sarah	Thein	13	
Tiffany	Thein	506	
Mary	Thomas	212	52
Jocelyn	Tiamzon	213	53
Erika	Tiemeier	530	
Julia	Todderud	341	
Yekaterina	Tokareva	510	
Daniel	Tolstrup	257	97
Sasha	Torres	437	
Christopher	Torsitano	118	
Renee	Trajano	82	
Christina	Tran	214	54
Lily	Tran	105	
Maxwell	Tran	456	
Ngon	Trang	40	
Gabriela	Triant	35	
Satya Raj	Trikha	143	
Julia	Tryon	43	
Stephanie	Tsoi	130	
Madison	Tsuchiya	69, 323	
Anne	Turner	423	
Sarah	Tweddell	519	
Syed Saad	Uddin	215	55

Aniekanabasi	Udoko	353	
Kimberly	Uehisa	352	
Gwendolyn	Ung	23	
Cynthia	Uzoukwu	216	56
Michael	Valdez	217, 218, 219, 486	57, 58, 59
Sreya	Varanasi	318	
Courtney	Verscaj	258	98
Emile	Vieta-Ferrer	493	
Zoë	Vordos	127	
Zachary	Wakefield	78	
Carson	Walker	220	60
John	Wang	259	99
Tommy	Wang	99	
Micaela	White	495	
Daniel	Wilkinson	260	100
Paul	Wilson	221	61
Rebecca	Wilson	332	
Alex	Witt	222	62
Brandon	Wong	142	
Jeremy	Woods	447	
Lily	Xu	30	
Karissa	Yamaguchi	90	
Charley	Yan	87	
Cindy	Yang	442	
Armand	Yazdani	328	
Tyler	Yeomans	271	
Megan	Yerton	261	101
Jessica	Yom	262, 515	102
Celia	Yu	63	
Seyed	Zavareh	349	
Mengyi	Zha	499	
Hui	Zhao	51	
Vivian	Zhong	39	
Sam	Zoucha	449	

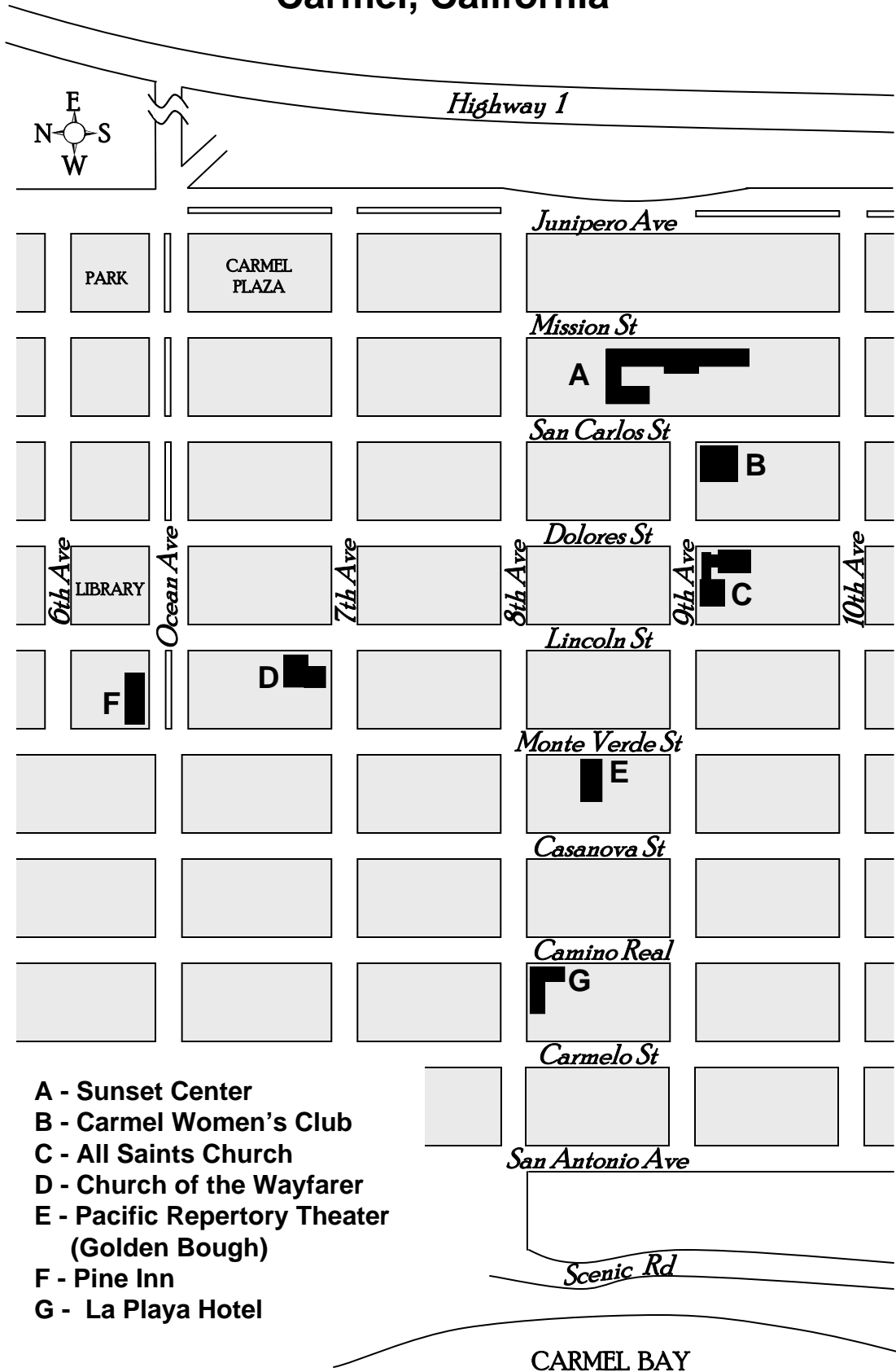


Site Map

Western Medical Research Conference



Western Meeting Locations Carmel, California



- A - Sunset Center
- B - Carmel Women's Club
- C - All Saints Church
- D - Church of the Wayfarer
- E - Pacific Repertory Theater
(Golden Bough)
- F - Pine Inn
- G - La Playa Hotel

CARMEL BAY