PROGRAM AT-A-GLANCE
Carmel, California
January 20-22, 2022

Please Note: Masks will be required of everyone regardless of vaccination status while indoors at the Sunset Center, All Saints Church and Carmel Women’s Club

<table>
<thead>
<tr>
<th>TIME</th>
<th>ACTIVITY &amp; LOCATION</th>
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<tbody>
<tr>
<td><strong>THURSDAY, JANUARY 20, 2022</strong></td>
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<tr>
<td>8:00 am – 5:00 pm</td>
<td>Registration</td>
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<td>Sunset Center – Entry Lobby</td>
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<tr>
<td>8:00 am – 5:00 pm</td>
<td>Speaker Ready Room</td>
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<td>Sunset Center</td>
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<tr>
<td>9:30 am – 12:00 pm</td>
<td>WSPR Council Meeting</td>
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<td>Sunset Center – Chapman</td>
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<tr>
<td>11:15 am – 12:15 pm</td>
<td>Investigator Workshop</td>
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<td>How to Publish: Tips from the Editor</td>
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<td>(Fellows and Jr. Faculty – Additional charge for lunch, $15)</td>
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<td><em>Eat lunch after session outside</em></td>
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<td>Michael McPhaul</td>
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<td>Editor, Journal of Investigative Medicine - High Impact Case Reports</td>
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<td>Sunset Center – Green Room</td>
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<td>12:45 pm – 3:00 pm</td>
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<td>Adolescent Medicine and General Pediatrics I – Carpenter Hall</td>
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<td>Cardiovascular I – Promenade Lobby</td>
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<td>Endocrinology and Metabolism I – Carmel Women’s Club</td>
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<td>Healthcare Delivery Research I – Babcock #6</td>
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<td>Immunology and Rheumatology I – Chapman #4</td>
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<td>Infectious Diseases I – Conductor’s Room</td>
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<td>Neonatology – General I – Studio 105</td>
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<td>Neonatology – Pulmonary I – Rehearsal Room</td>
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<td>Surgery I – Green Room</td>
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<td>3:00 pm – 3:15 pm</td>
<td>BREAK</td>
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<td>Diversity, Equity, Inclusion I – Conductor’s Room</td>
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<td>Hematology and Oncology I – Green Room</td>
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| 6:00 pm – 8:00 pm | Welcome Reception and Poster Session  
Jointly sponsored by WAFMR, WAP, WSCI, WSMRF, and WSPR  
Odd numbered posters present from 6-7 pm  
Even numbered posters present from 7-8 pm  
All welcome and encouraged to attend All Saints Church  
Ninth Avenue & Dolores St. |
| 7:00 pm – 9:00 pm | WSPR Abbott Nutrition Reception  
Open to all WSPR members, trainees, and guests  
La Playa Hotel, Garden Room |
| 8:00 pm – 9:30 pm | WAFMR Business Meeting & Council Dinner  
(by invitation only)  
Hog’s Breath Inn |
| 8:30 pm – 10:00 pm | WSPR Council Dinner  
(by invitation only)  
Restaurant TBD |
| **FRIDAY, JANUARY 21, 2022** |                                                                      |
| 7:30 am – 5:00 pm | Registration  
Sunset Center – Entry Lobby |
| 7:30 am – 5:00 pm | Speaker Ready Room  
Sunset Center |
| 8:00 am – 10:00 am | Concurrent Sessions  
Sunset Center  
Adolescent Medicine and General Pediatrics II – Studio 105  
Cardiovascular III – Promenade Lobby  
Case Reports I – Carpenter 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 III – Conductor’s Room |
| 10:00 am – 10:15 am | BREAK |
| 10:15 am – 12:30 pm | Concurrent Sessions  
Sunset Center  
Behavior and Development I – Chapman #4  
Diversity, Equity, Inclusion Research II – Promenade Lobby  
Healthcare Delivery Research II – Babcock #6  
Hematology and Oncology II – Carpenter Hall  
Infectious Diseases II – Carmel Women’s Club |
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| 12:00 pm – 1:30 pm | Lunch available on-site for nominal charge  
|                    | Food Truck in Sunset Center Parking Lot  
|                    | Serving Mexican Fare                                                  |
| 12:30 pm – 1:30 pm | Investigator Workshop  
|                    | (This talk is aimed at Jr. faculty and fellows, students and trainees  
|                    | also welcome to attend) – Lunch available at food truck  
|                    | **Eat lunch before session outside**                                  |
|                    | How to Navigate The Career Path of a Physician-Scientist  
|                    | **Speakers:**  
|                    | W. Conrad Liles, *University of Washington*  
|                    | Everardo Cobos, *Kern Medical*  
|                    | Shanlee Davis, *Children's Hospital Colorado*  
|                    | Sunset Center – Green Room                                            |
| 1:00 pm – 1:30 pm  | Coffee and Dessert Buffet                                             |
|                    | *Sunset Center Foyer*                                                 |
| 1:30 pm – 4:15 pm  | Joint Plenary Session  
|                    | **WAFMR, WAP, WSCI, WSMRF, WSPR**  
|                    | Mayo Soley Award Presentation  
|                    | EE Osgood Award  
|                    | WAFMR Outstanding Investigator 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  
|                    | *Carmel Women’s Club*                                                 |
| 4:15 pm – 4:45 pm  | WSPR Business Meeting  
|                    | Mariana Baserga and Laura Brown Presiding  
|                    | All WSPR members invited  
|                    | *Carmel Women’s Club*                                                 |
| 5:15 pm – 6:15 pm  | David Rimoin Lectureship  
|                    | **Cortical Interneurons in Development and Disease**  
|                    | Jeffrey A. Golden, *Cedars-Sinai*  
|                    | Sunset Center – Carpenter Hall                                         |
| 5:30 pm – 7:30 pm  | WAP/WSCI Council Meeting  
|                    | *(by invitation only)*  
|                    | Cantinetta Luca - Wine Room  
<p>|                    | Dolores St. and Ocean Ave.                                             |</p>
<table>
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| 6:00 pm – 7:00 pm | **WSPR Mead Johnson Nutrition Junior Faculty Travel Award Reception & Western Perinatal Club Reception**  
|                 | *Open to all WSPR, AAP, and CAN Members and Guests*  
|                 | *Carmel Women’s Club*                                                                 |
| 6:15 pm – 7:15 pm | **Dysmorphology Club**  
|                 | *Supported by Abbott Nutrition*  
|                 | *Sunset Center – Carpenter Hall*                                                                 |
| 7:00 pm – 8:00 pm | **Western Perinatal Club Briefing**  
|                 | *Sponsored by Mead Johnson Nutrition*  
|                 | *Mechanisms and consequences of Inflammation at the maternal-fetal interface*  
|                 | *Suhas G. Kallapur, UCLA Health*  
|                 | *Carmel Women’s Club*                                                                 |
| **SATURDAY, JANUARY 22, 2022** |                                                                 |
| 7:30 am – 12:00 pm | **Speaker Ready Room**  
|                 | *Sunset Center*                                                                               |
| 7:30 am – 10:00 am | **Registration**  
|                 | *Sunset Center – Entry Lobby*                                                                  |
| 8:00 am – 10:00 am | **Concurrent Sessions**  
|                 | *Sunset Center*                                                                               |
|                 | Behavior and Development II – *Chapman #4*                                                |
|                 | Diversity, Equity and Inclusion III – *Conductor’s Room*                                    |
|                 | Endocrinology and Metabolism III – *Green Room*                                              |
|                 | Genetics II – *Rehearsal Room*                                                               |
|                 | Healthcare Delivery Research III – *Babcock #6*                                              |
|                 | Neonatology – General V – *Carpenter Hall*                                                  |
|                 | Neonatology – Perinatal Biology II – *Studio 105*                                           |
| 10:00 am – 10:15 am | **BREAK**                                                                              |
| 10:15 am – 12:00 pm | **Concurrent Sessions**  
|                 | *Sunset Center*                                                                               |
|                 | Case Reports II – *Promenade Lobby*                                                          |
|                 | Healthcare Delivery Research IV – *Babcock #6*                                               |
|                 | Hematology and Oncology III – *Green Room*                                                   |
|                 | Immunology and Rheumatology II – *Conductor’s Room*                                         |
|                 | Neonatology – General VI – *Carpenter Hall*                                                 |
|                 | Neonatology – Pulmonary III – *Rehearsal Room*                                              |
|                 | Neuroscience III – *Studio 105*                                                             |
| 12:15 pm – 2:00 pm | **Society Officers Planning Meeting**  
|                 | *(by invitation only)*                                                                      |
|                 | *Sunset Center – Chapman #4*                                                                 |
INVITED SPEAKERS

Thursday, January 20, 2022
3:15 PM - 3:45 PM, Promenade Lobby (Sunset Center)
Cardiovascular II
Old drug, new indications: Colchicine for risk-reduction post-MI
Carlin Long, University of California San Francisco

2:30 PM - 3:00 PM, Rehearsal Room (Sunset Center)
Neonatology Pulmonary I
University of Utah Inaugural Kurt L. Albertine State-of-the-Art Lecture in Pulmonary Biology:
Stem cell extracellular vesicles: key signaling and therapeutic vectors for lung disease and beyond
Stella Kourembanas, Boston Children's Hospital

4:45 PM - 5:15 PM, Babcock #6 (Sunset Center)
Neonatology General II
Stanford University Philip Sunshine State-of-the-Art Lecture: Data-driven practices that promote equity and diversity of academic faculty
Stephanie Fraley, University of California San Diego

Friday, January 21, 2022
8:30 AM - 9:00 AM, All Saints Church, Seccombe Hall
Neonatology General III
University of Southern California Joan E. Hodgman State-of-the-Art Lecture: Addressing Disparities in the NICU: Practical Solutions and Research Gaps
Margaret Parker, Boston Medical Center, Boston University School of Medicine

9:00 AM - 9:30 AM, Studio 105 (Sunset Center)
Adolescent Medicine and General Pediatrics II
Prolacta Bioscience Adolescent Medicine and General Pediatrics State-of-The-Art Speaker
Long haul COVID in children: Perspectives of a pediatric rheumatologist
Dana Gerstbacher, Stanford University

9:30 AM - 10:00 AM, Chapman #4 (Sunset Center)
Neonatology - Perinatal Biology I
University of Colorado Fred Battaglia State-of-the-Art Speaker: The effects of maternal inflammation on fetal intestinal development and why that may predispose to necrotizing enterocolitis
Steven McElroy, UC Davis Health

10:15 AM - 10:45 AM, Chapman #4 (Sunset Center)
Behavior and Development I
UC Davis Robin Hansen State-of-the-Art Speaker: Unstuck and On Target: Evidence-based interventions to build executive functioning skills
Laura Anthony, University of Colorado Denver School of Medicine

11:00 AM - 11:30 AM, All Saints Church, Seccombe Hall
Neonatology General IV
UCLA Vedang Londhe Memorial State-of-the-Art Speaker: Pregnancy and a pandemic: perinatal and postnatal consequences of COVID-19
Yalda Afshar, UCLA Health
1:30 PM - 1:45 PM Carmel Women's Club
Joint Plenary Session
WAP-WSCI Mayo Soley Award
Jane Reusch, University of Colorado School of Medicine

2:45 PM - 3:15 PM Carmel Women's Club
Joint Plenary Session
Abbott Nutrition Young Investigator Research Award: Leveraging Data Science To Inform Adolescent And Young Adult Health Guidelines.
Jason Nagata, University of California, San Francisco

3:15 PM - 3:45 PM Carmel Women's Club
Joint Plenary Session
WSPR Stanley Wright Memorial Lecture: Meeting iron needs during infancy: an evolutionary perspective
Kathryn Dewey, University of California, Davis

Saturday, January 22, 2022
8:45 AM - 9:15 AM Green Room (Sunset Center)
Endocrinology and Metabolism III
Looking Deeper into CAH with Technology.
Mimi Kim, Children's Hospital Los Angeles

9:15 AM - 9:45 AM Studio 105 (Sunset Center)
Neonatology - Perinatal Biology II
Prolacta Bioscience Perinatal Biology State-of-the-Art Speaker: Genome-wide approaches to decipher lung macrophage heterogeneity: Implications for health and disease.
Eniko Sajti, University of California San Diego

9:30 AM - 10:00 AM Rehearsal Room (Sunset Center)
Genetics II
Prolacta Bioscience Genetics State-of-the-Art Speaker: Flying away with the answer: A model to unravel the chromosome 5q35 microduplication syndrome
Fabiola Quintero-Rivera, University of California Irvine School of Medicine

10:15 AM - 10:45 AM Rehearsal Room (Sunset Center)
Neonatology Pulmonary III
WSPR Chiesi Neonatal Pulmonary State-of-the-Art Speaker: Damage Control: Targeting NF-kappaB Transcriptional Selectivity to fine tune the perinatal innate immune response
Clyde Wright, University of Colorado Hospital, Children's Hospital Colorado

11:30 AM - 12:00 PM Conductor's Room
Immunology and Rheumatology II
Transition of Care in Rheumatology: a Joint Effort
Katharine Moore, University of Colorado Hospital, Children's Hospital Colorado
2022 Western Medical Research Conference
Award Winners

AFMR Henry Christian Award
Fatima Alduraibi, The University of Alabama at Birmingham, VA Clinic Birmingham
Emily Batton, University of California San Diego
Erin Finn, University of Colorado, Children's Hospital Colorado
Kaidi He, Children's Hospital of Orange County
Slavita Laies, The University of New Mexico
Schuyler Tong, UCSF Benioff Children's Hospital Oakland

Edwin E. Osgood Award
Kim Vo, Western University of Health Sciences

WAFMR Outstanding Investigator Award
Syed Bukhari, Temple University

WAFMR/WAP Student Subspecialty Award
Joni Aoki, University of Utah Health
Charlotte Archuleta, The University of Arizona College of Medicine Phoenix
Sang Hee Choi, Loma Linda University School of Medicine
Claire Conklin, University of California San Diego School of Medicine
Chase Czykowsky, Loma Linda University School of Medicine
Nathan Davies, University of Washington School of Medicine, University of Idaho
Cameron Fateri, University of California Irvine
Julie Giannini, University of New Mexico School of Medicine
Jackie Hu, Western University of Health Sciences College of Osteopathic Medicine of the Pacific-Northwest
Jake Plagenz, University of Washington School of Medicine,
Shera Wanner, University of Washington School of Medicine

WAFMR/WAP/WSCI Outstanding Resident Award
Lankai Xu, University of California Davis Health System

WAP/WSCI Travel Award
Sami Dwabe, University of Southern California Medical Center, Keck Hospital of USC
Kendra Francis, Seattle Children's Hospital, University of Washington School of Medicine
Alana Freifeld, University of Colorado Denver
Arianna Griffin, University of Nevada Las Vegas
Donna Lien, Loma Linda University Adventist Health Sciences Center
Dante Mesa, University of Colorado
K. Miao, NYU School of Medicine, Cornell University
Ozgur Oto, University of Colorado Health
Samantha Ratnayake, Kern Medical Center
Matthew Rockstrom, University of Colorado
Arita Thatte, University of Washington
**WSPR Abbott Nutrition David W. Smith Pediatric Trainee Research Award**
Rebecca Levy, Stanford University School of Medicine

**WSPR Abbott Nutrition Lowell Glasgow Student Research Award**
Kathyne Foos, University of New Mexico Health Sciences Center

**WSPR Abbott Nutrition Outstanding Resident Research Award**
Jorge Rodriguez-Gil, Stanford University School of Medicine

**WSPR Abbott Nutrition Subspecialty Award**
Stephanie Chassen, University of Colorado
Danielle Cooke, University of Colorado Denver School of Medicine
Evan Giusto, University of California Davis
Alison Schildt, Stanford University
Senait Teklehaiananot, Charles Drew University of Medicine and Science
Christina Tise, Stanford University
Brandon Tomlin, University of Utah Health

**WSPR Abbott Nutrition Young Investigator Research Award**
Jason Nagata, University of California, San Francisco

**WSPR Mead Johnson Nutrition Junior Faculty Award**
Timothy Bahr, Intermountain Healthcare, University of Utah Health
Sandra Leibel, University of California San Diego
Megan Louderman, University of Colorado
Alicia White, University of Colorado
Kristen Wigby, University of California San Diego, Rady Children's Institute for Genomic Medicine

**WSPR Mead Johnson Nutrition Travel Award**
Thomas Christensen, University of Utah Health
Brian Lee, University of California Los Angeles
Sierra Levene, University of Washington School of Medicine
Juan Ramos, Stanford Medicine
A Rebentisch, The University of Utah School of Medicine
Evan Scholten, University of Washington School of Medicine
Ana Starcevich, University of California Davis School of Medicine

**WSPR Prolacta Bioscience Research Travel Award**
Kati Bailli, University of New Mexico
Adrienne Cohen, University of Utah Health
Marie Cornet, University of California San Francisco
Laura Forero, University of California San Diego
Shawn Hanson, Loma Linda University
Emma Harding, University of Colorado
Brandon Lieu, Stanford University
Vanina Taliercio, University of Utah Health
Adolescent Medicine and General Pediatrics I ...........................................Carpenter Hall
Cardiovascular I .........................................................................................Promenade Lobby
Endocrinology and Metabolism I .................................................................Carmel Women’s Club
Health Care 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 I ......................................................... ......................................................................Green Room

Adolescent Medicine and General Pediatrics I
Carpenter Hall
Walter Dehority and Diane E. Stafford, Presiding

12:45 QUALITY IMPROVEMENT INCREASES COMMUNITY HOSPITAL SMOKE EXPOSURE SCREENING, EDUCATION, AND REFERRAL.
_E Daniel_ and MY Hamline, Sacramento, CA; Lodi, CA. _Sutter Health_

Abstract 1

1:00 PILOMATRICOMA IN A CHILD WITH TURNER SYNDROME: A RARE ENTITY.
_IS Horowitz_ and K Tappin, Madera, CA. _Valley Children's Healthcare_

Abstract 2

1:15 MENTAL HEALTH HOPSCOTCH: IMPROVING ADOLESCENT MENTAL HEALTH ONE HOP AT A TIME.
_AS Rodriguez, M Flores, T Fildes, J Charbonnet, K Colwell and R Kinman, Fresno, CA. _Fresno High School_

Abstract 3

1:30 DAYLIGHT SAVINGS AND PEDIATRIC EMERGENCIES.
_V Wong, P Enarson and J Lee, Vancouver, BC, Canada. _The University of British Columbia Faculty of Medicine BC Children's Hospital_

Abstract 4

1:45 THE RELATIONSHIP BETWEEN SELF-PERCEIVED HEALTH STATUS AND CHRONIC CONDITION, ACCESS TO CARE, AND AWARENESS OF CHRONIC
CONDITION AMONG ADULTS WITH HISTORY OF ADVERSE CHILDHOOD EXPERIENCES.
S Teklehaimanot and M Shaheen, Los Angeles, CA. Charles Drew University of Medicine and Science (WSPR Abbott Nutrition Subspecialty Award Winner)

2:00 CHILDHOOD OBESITY, SOCIAL DETERMINANTS OF HEALTH, SOCIAL VULNERABILITY AND HOSPITALIZATION.
J Johnson and M Baum, Loma Linda, CA. Loma Linda University School of Medicine

2:15 SUBJECTIVE SOCIAL STATUS AND FOOD INSECURITY RELATIONSHIP WITH WEIGHT-SPECIFIC QUALITY OF LIFE AMONG LATINO ADOLESCENTS AND BETWEEN SEXES.
A Penghat, KB Vander Wyst, A Peña, A Williams, SL Ayers and GQ Shaibi, Glendale, AZ; Phoenix, AZ. Midwestern University Arizona College of Osteopathic Medicine

2:30 MEDICAL STUDENT KNOWLEDGE AND PERCEPTIONS OF PEDIATRIC OBESITY MANAGEMENT.
K Eckert, S Thomas, M Buls, M Cox, E Chowdry and B Scott, Reno, NV. University of Nevada Reno School of Medicine

3:00-3:15 PM – BREAK
Cardiovascular I
Promenade Lobby (Sunset Center)
Luisa Mestroni, Presiding

12:45 1-YEAR OUTCOMES OF PATIENTS UNDERGOING HEART TRANSPLANT DURING THE COVID PANDEMIC.
G Esmailian, N Patel, T Singer-Englar, S Kim, M Hamilton and J Kobashigawa, Washington D.C., Los Angeles, CA. The George Washington University School of Medicine and Health Sciences

1:00 COVID PANDEMIC AND SOCIAL MITIGATIONS IMPROVE OUTCOMES FOR HEART TRANSPLANT PATIENTS.
C Washington, S Kim, N Patel, T Singer-Englar, M Hamilton and J Kobashigawa, Los Angeles, CA. Cedars-Sinai Smidt Heart Institute

1:15 SEX DISPARITIES IN HEART TRANSPLANT WAITLIST TIME FOLLOWING THE DONOR HEART ALLOCATION POLICY CHANGE.
I Sindha, T Singer-Englar, S Kim, N Patel, M Hamilton and J Kobashigawa, Los Angeles, CA. University of California Los Angeles

10
1:30 ARE OVERSIZED DONOR HEARTS ASSOCIATED WITH POOR OUTCOME AFTER HEART TRANSPLANTATION?
M Rubio, N Patel, S Kim, T Singer-Englar, M Hamilton and J Kobashigawa, Los Angeles, CA. University of California Los Angeles

Abstract 12

1:45 NEW APPROACH TO MYOCARDIAL INFARCT SIZING USING LONG AXIS CARDIAC MAGNETIC RESONANCE IMAGING TO IMPROVE IN VIVO VALIDITY.
J Ref, S Daugherty, IR Chinyere, J Zeng, J Lancaster, L L.D., F Kenneth, B Mark, G Adrian, J Koevary, S Goldman and R Avery, Tucson, AZ; Chicago, IL. The University of Arizona College of Medicine Tucson

Abstract 13

2:00 THE IMPORTANCE OF NATURAL HISTORY DATA COLLECTION AS DEMONSTRATED IN DANON DISEASE ECHOCARDIOGRAM ANALYSIS.
G Storm, K Boynton, A Barnard, E Eshraghian, K Hong, L Mestroni, E Alder and M Taylor, La Jolla, CO; Aurora, CO. CU SOM (WSMRF)

Abstract 14

2:15 LIFESTYLE COUNSELING FOR VETERANS WITH SYMPTOMATIC HEART FAILURE.
A Edmeade, CE Walters and J Patel, Loma Linda, CA. Loma Linda University School of Medicine

Abstract 15

2:30 ATRIAL FIBRILLATION, ELECTROCONVULSIVE THERAPY, AND STROKE RISK.
M Kapadia, P Jagadish, M Hutchinson and H Lee, Tucson, AZ. The University of Arizona College of Medicine Tucson

Abstract 16

2:45 CRITICAL ROLE OF SPECIALIZED PRO-RESOLVING MEDIATORS IN ATHEROSCLEROSIS.
S Rangarajan, P Rangchaikul and MM Radwan, Pomona, CA. Western University of Health Sciences

Abstract 17

3:00-3:15 PM – BREAK

Endocrinology and Metabolism I
Carmel Women's Club
Erin Finn, Presiding

12:45 CORONARY ARTERY CALCIFICATION SCORING IN TRANSGENDER INDIVIDUALS.
T Duro, E Choi and P Kapsner, Albuquerque, NM. The University of New Mexico

Abstract 18
1:00  BEYOND BINDING: KEY QUESTIONS REGARDING THE ROLE OF SHBG IN MALE REPRODUCTION.  
K Schuppe and K Roberts, Spokane, WA. Washington State University Elson S Floyd College of Medicine (WSMRF)  
Abstract 19

1:15  SUPRASELLAR AND SELAR MENINGIOMA IN PREGNANCY PRESENTING WITH WORSENING VISUAL DEFICITS AND PANHYPOPITUITARISM.  
SM Laies, J Fuh and C Lovato, Albuquerque, NM; Montecito, CA. The University of New Mexico (AFMR Henry Christian Award)  
Abstract 20

1:30  UNRAVELING THE MYSTERY OF THYROTOXICOSIS IN A PATIENT WITH PANHYPOPITUITARISM.  
AT Chuang, BW Hager and M Bouchonville, Albuquerque, NM. University of New Mexico Health Sciences Center  
Abstract 21

1:45  FEASIBILITY OF EXTENDING SLEEP IN A PILOT SAMPLE OF TEENS WITH OBESITY AND SHORT SLEEP: THE REM STUDY.  
AE Bowen, S Simon, M Cree-Green, KJ Nadeau and J Kaar, Aurora, CO. Children's Hospital Colorado  
Abstract 22

2:00  RELATIONSHIP BETWEEN HIGH CARBOHYDRATE AND VITAMIN D INTAKE ON SLEEP QUALITY AMONG ADULT POPULATION OF UNITED STATES.  
C Brown, M Shaheen and K Schrode, Los Angeles, CA. Charles Drew University of Medicine and Science  
Abstract 23

2:15  AUTOIMMUNE HEPATITIS PRESENTING AS FULMINANT HEPATIC FAILURE.  
NC Trang, AS Gill, K Radicic, N Karapetians and S Mishra, Bakersfield, CA. Kern Medical Center (WAP)  
Abstract 24

2:30  DIABETIC NEUROPATHIC CACHEXIA - AN UNCOMMON MIMIC.  
JS Gilbert, K McCloskey, P Gulani and A Outon, Denver, CO; Boston, MA; Bronx, NY. University of Colorado  
Abstract 25

2:45  UPPER EXTREMITY DEEP VENOUS THROMBOSIS SECONDARY TO THYROTOXIC PERIODIC PARALYSIS WITH ACCOMPANYING HYPERPHOSPHATEMIA AND SEVERE HYPOMAGNESEMIA.  
JRahesh, L Al-Sukhni, B Quraishi and T Naguib, Lubbock, TX. Texas Tech University Health Sciences Center  
Abstract 26

3:00-3:15 PM – BREAK
12:45  DIABETES PREVENTION AT WORK: 10-YEAR FOLLOW-UP OF GLYCEMIC CONTROL AND SERUM LIPOPROTEINS IN HEALTHY WORKERS WITH AND WITHOUT HEALTH COACHING AND MONETARY INCENTIVES.
LW Raymond, Charlotte, NC; Chapel Hill, NC. Atrium Health University of North Carolina System (WAFMR)

1:00  MEDICAL STUDENT PERCEPTIONS OF INTIMATE PARTNER VIOLENCE SCREENINGS IN IN-PERSON VS TELEMEDICINE SETTINGS.
J Lai, A Cheng, AL Nelson, M Fraix and M Hudson, Pomona, CA; Los Angeles, CA. Western University of Health Sciences

1:15  TDAP VACCINE UPTAKE AND ATTITUDES AMONG ENGLISH AND SPANISH SPEAKING PREGNANT PATIENTS.
E Jimenez, H Stohl and AL Nelson, Pomona, CA; Torrance, CA; Los Angeles, CA. Western University of Health Sciences

1:30  EQUITY THROUGH THE END-OF-LIFE: ADVANCING PALLIATIVE CARE FOR NORTHERN CALIFORNIA’S RURAL UNDERSERVED.
R George and S Gill, Sacramento, CA. UC Davis School of Medicine

1:45  BEYOND THE BLACKOUT: THE FAR REACHING IMPACT OF TRAUMATIC BRAIN INJURY ON THE HYPOTHALAMIC-PITUITARY-GONADAL-AXIS AND REPRODUCTIVE FUNCTION OF NAVAL SPECIAL OPERATIONS FORCES.
K Schuppe, MG Johnston and CC Lyons, Spokane, WA; San Diego, CA. Washington State University Elson S Floyd College of Medicine (WSMRF)

2:00  QUANTIFYING BURDEN OF CARE FOR CLEFT LIP AND PALATE PATIENTS FROM THE PATIENT, PROVIDER, AND SYSTEM PERSPECTIVES.
A Buchel, E Wells-Durand, M Bucevska, R Courtemanche, J Staples, R Thomson, DJ Courtemanche, S Palm, T Gibson, A Loo and JS Arneja, Vancouver, BC, Canada. The University of British Columbia Faculty of Arts BC Children's Hospital (WSMRF)

2:15  THE EFFECTIVENESS OF A LOW-COST SIMULATION-BASED MODULE FOR TEACHING ULTRASOUND-GUIDED FINE NEEDLE ASPIRATION OF THYROID NODULES.
H Huber, S Thevuthasan, TJ Robinson, M Sardesai and T Tylee, Seattle, WA; Laramie, WY. University of Washington School of Medicine
2:30 PRE-OPERATIVE ISTOP HUDDLE FOR IMPROVED TRANSITION OF CARE OF PEDIATRIC AND NEONATAL CRITICAL CARE PATIENTS.
M Nolan, A Hadley, M Baserga, C Pries, A Nicholson, M Harrison, N Dinh, E Prentice, K Miller, J Huntington, B Huizinga and E Durkin, Salt Lake City, UT; Grand Rapids, MI. University of Utah Health, Michigan State University, Helen DeVos Children's Hospital

2:45 IMPACT OF A PRE-OPERATIVE CHECKLIST ON SURGICAL DELAYS IN COMPLEX SPINE SURGERY.
LN DePledge, CE Drolet, K Nold, S Hermanson, PK Louie and R Sethi, Seattle, WA. University of Washington School of Medicine (WSMRF)

3:00-3:15 PM – BREAK

Immunology and Rheumatology I
Chapman #4 (Sunset Center)
Kevin Deane, Presiding

12:45 SARS-COV-2 IMMUNE COMPLEXES ELICIT TISSUE FACTOR EXPRESSION ON HUMAN PERIPHERAL BLOOD MONOCYTES.
J Plagenz, T Peters, S Pincus and N Meissner, Seattle, WA; Bozeman, MT. University of Washington School of Medicine Montana State University Bozeman (WAFMR/WAP/WSCI Student Subspecialty Award Winner) (WSMRF)

1:00 HOW THE TFH RESPONSE IN NEONATES FED BREAST MILK DEVOID OF MATERNAL ANTIBODIES IMPACTS THE COMPOSITION AND FUNCTION OF INTESTINAL MICROBES.
B Wang and S Torres, Seattle, WA. Fred Hutchinson Cancer Research Center

1:15 CONSERVATIVE MANAGEMENT OF KNEE OSTEOARTHRITIS UTILIZING BONE MARROW ASPIRATE CONCENTRATE.
B Leiby, GB Foremny, J Hawley, J Galloway, J Willford and JC McGinley, Seattle, WA; Casper, WY; Laramie, WY. University of Washington School of Medicine

1:30 PREVALENCE OF FRAILTY AND ASSOCIATED FACTORS IN A NATIONAL OBSERVATIONAL COHORT OF RHEUMATIC DISEASES.

1:45 ADJUNCT THERAPIES FOR PEMPHIGUS DISEASE: A SYSTEMATIC REVIEW.
K Nguyen and S Worswick, Pomona, CA; Los Angeles, CA. Western University of Health Sciences
2:00  THE ADJUNCTIVE THERAPY FOR MYCOBACTERIUM TUBERCULOSIS INFECTION IN TYPE 2 DIABETES MELLITUS.
C Sisliyan, A Beever, N Kachour, J Owens, K Sasaninia, A Kalloli, W Khamas, S Subbian and V Venketaraman, Pomona, CA; Newark, NJ. Western University of Health Sciences College of Osteopathic Medicine of the Pacific (WSMRF)

Abstract 41

2:15  ACTINIC GRANULOMA: A RARE CASE OF SUN DAMAGE.
K Nguyen, C Wong and E Nguyen, Pomona, CA; Riverside, CA. Western University of Health Sciences

Abstract 42

2:30  COMPLETE CONGENITAL HEART BLOCK IN A NEONATE.
S Benke and S Sukumaran, Madera, CA. Valley Children's Hospital

Abstract 43

2:45  OBJECTIVE CHARACTERIZATION OF OSTEOPATHIC LYMPHATIC PUMP TECHNIQUE EFFICACY USING SERUM COVID-19 ANTIBODY LEVELS FOLLOWING VACCINATION.
A Comer, E Lee, E Martinez, B Loveless, P Crone, S Fuchs, H Szurmant and J Sanchez, Pomona, CA. Western University of Health Sciences (WSMRF)

Abstract 44

3:00-3:15 PM – BREAK

Infectious Diseases I
Conductor's Room
Fred Buckner and David Gilbert, Presiding

12:45  ANTI-DEPRESSANTS AND COVID-19 SEVERITY: A RETROSPECTIVE STUDY OF HOSPITALIZED ADULT PATIENTS.
SH Rauchman, S Mendelson, C Rauchman, A Pinkhasov, LJ Kasselman and AB Reiss, Mineola, NY; Fresno, CA; Mission Hills, CA. Fresno Institute of Neuroscience (WAFMR)

Abstract 45

1:00  T-CELL AND ANTIBODY RESPONSES TO MRNA VACCINATION IN SARS-COV-2-CONVALESCENT SUBJECTS.
S Wanner, VL Campbell, S Selke and DM Koelle, Seattle, WA. University of Washington School of Medicine (WAFMR/WAP/WSCI Student Subspecialty Award Winner) (WSMRF)

Abstract 46

1:15  ASSESSMENT OF MATERNAL AND INFANT ANTIBODY RESPONSE TO COVID-19 AND TRANSPLACENTAL TRANSFER RATIOS AT LABOR & DELIVERY.
C Liu, M Cambou, T Mok, VM Fajardo, D Battacharya, T Kerin, FJ Ibarronda, T Fuller, S Paiola, G Aldrovandi, R Rao, O Yang and K Nielsen-Saines, Los Angeles, CA. University of California Los Angeles David Geffen School of Medicine

Abstract 47
1:30  BIOMARKERS PREDICTIVE OF MORTALITY IN COVID-19 PATIENTS WITH DIAGNOSED HEART FAILURE.
T Nguyen, JY Hwang, C Lee, T Buck, K Mun, I Vanteru, A Lu, D Tirschwell and A Kim, Spokane, WA; Seattle, WA. Washington State University Elson S Floyd College of Medicine (WSMRF)

Abstract 48

1:45  RELATIONSHIP BETWEEN PEDIATRIC SUBDURAL EMPYEMAS AND FUNCTIONAL OUTCOMES.
AN Griffin, K Batra, M Yacoub, J Ben Ari and M Dugan, Las Vegas, NV. University of Nevada Las Vegas (WAP/WSCI Travel Award Winner)

Abstract 49

2:00  ASSOCIATIONS OF CONGENITAL SYPHILIS INCIDENCE AND THE FEMALE AGRICULTURAL WORKER POPULATION IN CALIFORNIA.
J Fang, R Silva, K Pinkerton and D Sankaran, Davis, CA; Marysville, CA. University of California Davis (WSMRF)

Abstract 50

2:15  CHARACTERIZATION OF THE HIGHLY DIVERSE GENOMIC REGIONS OF AN IMPORTANT AFRICAN VECTOR OF SCHISTOSOMIASIS.
RBurd, J Cayton, T Pennance, JA Tennesen, M Steinauer, F Rawago, M Odiere and GOwino, Pomona, CA; Lebanon, OR; Boston, MA; Kisumu, Kenya. Western University of Health Sciences College of Osteopathic Medicine of the Pacific

Abstract 51

2:30  IS VITAMIN D DEFICIENCY ASSOCIATED WITH MORE SEVERE COVID-19 INFECTION?
CKo, B Bajoua, A Garg, C Metz, M Shean, I Talebi Dolouei, M To and B Afghani, Irvine, CA; Orange, CA. University of California Irvine (WAFMR)

Abstract 52

2:45  THE USE OF VAGINAL PROBIOTICS SUPPOSITORIES IN PREVENTION OF RECURRENT URINARY TRACT INFECTIONS IN ADULT WOMEN: A LITERATURE REVIEW.
D Devineni, I Bade, C Diyakonov, E Lee, N Lulla, K Parang, S Soni and B Afghani, Irvine, CA; Orange, CA. University of California Irvine School of Medicine (WAFMR)

Abstract 53

3:00-3:15 PM – BREAK

Neonatology General I
Studio 105 (Sunset Center)
Manoj Biniwale and Robin K. Ohls, Presiding

12:45  NUCLEATED RED BLOOD CELL EMERGENCE-TIME IN NEWBORN LAMBS FOLLOWING A DOSE OF DARBEPOETIN ALFA.
TM Bahr, K Albertine, RD Christensen, MJ Dahl, A Rebentisch, E Dawson, E Major, H
REFERENCE INTERVALS FOR END-TIDAL CARBON MONOXIDE OF PRETERM NEONATES.
TR Christensen, S Pakdeeto, TM Bahr, E Gerday, M Sheffield, K Christensen, S Supapannachart, P Nuntnarumit, S Sukwiset, RK Ohls and RD Christensen, Salt Lake City, UT; Bangkok, Thailand; Provo, UT. University of Utah Health (WSPR Mead Johnson Nutrition Travel Award)

ANEMIC AT BIRTH.
TM Bahr, LM Shelley, ER Henry, RK Ohls, S Li, S Illstrup and RD Christensen, Salt Lake City, UT. Intermountain Healthcare University of Utah Health (WSPR Mead Johnson Nutrition Junior Faculty Award)

FETOMATERNAL HEMORRHAGE: EVIDENCE FROM A MULTIHOSPITAL HEALTHCARE SYSTEM THAT UP TO 40% OF SEVERE CASES ARE MISSED.
NR Carr, ER Henry, TM Bahr, RK Ohls, J Page, SJ Illstrup and RD Christensen, Salt Lake City, UT. University of Utah Health

IRON FOLIC ACID SUPPLEMENTATION AS A PREDICTOR OF ANEMIA IN PREGNANT WOMEN IN RURAL INDIA.
B Tomlin, P Brahmbhatt, B Fassl, JW Thomas and A Judkins, Salt Lake City, UT. University of Utah Health (WSPR Abbott Nutrition Subspecialty Award Winner)

THE VALIDITY OF POINT-OF-CARE HEMOGLOBIN MEASUREMENTS IN NEONATES.
AF Ahmed, JP Wang, R Ramanathan and AM Yeh, Los Angeles, CA. LAC+USC Medical Center, USC

ALTERNATIVE WAYS OF ACQUIRING BILIRUBIN MEASUREMENT IN PRETERM AND TERM INFANTS ADMITTED TO NEONATAL INTENSIVE CARE UNIT.
D Cho, K Ramm, L Barton, R Ramanathan and M Biniwale, Los Angeles, CA. LAC+USC Medical Center

PREDICTORS OF HOME OXYGEN THERAPY IN VERY LOW BIRTH WEIGHT INFANTS.
Y Shao, A Hisey, N Nanduri, K Ramm, C Marquez, L Barton, R Ramanathan and M Biniwale, Los Angeles, CA. Los Angeles County University of Southern California Medical Center
CONSEQUENCES OF MATERNAL BREAST MILK ANTIBODIES ON THE ABUNDANCE OF INTESTINAL MICROBES IN NEONATES.

HL Wolf, B Wang, J Schwensen and M Koch, Seattle, WA. University of Washington School of Medicine Fred Hutchinson Cancer Research Center (WSMRF)

EFFECTS OF GESTATIONAL LONG-TERM HYPOXIA ON THE COLLAGEN MATRIX OF FETAL SHEEP PULMONARY ARTERIES.

RC Torres Chavez, C Gheorghe, L Zhang, S M Yellon and S Wilson, Loma Linda, CA. Loma Linda University School of Medicine

MESENCHYMAL STROMAL CELL EXTRACELLULAR VESICLES IMPROVE ALVEOLAR FORMATION IN MECHANICALLY VENTILATED PRETERM LAMBS.

E Major, A Rebentisch, E Dawson, H Foreman, D Headden, Z Vordos, MJ Dahl, D Null, A Mitsialis, S Kourembanas and K Albertine, Salt Lake City, UT; Davis, CA; Boston, MA; Sacramento, CA. The University of Utah School of Medicine (WSMRF)

REGENERATIVE RESPONSE OF ALVEOLAR TYPE 2 CELLS TO A GENETICALLY-INDUCED MOUSE PHENOCOPY OF BRONCHOPULMONARY DYSPLASIA.

GA Kohbodi, F Gao, C Li, N Peinado, R Ramanathan and P Minoo, Los Angeles, CA. Los Angeles County University of Southern California Medical Center University of Southern California Keck School of Medicine

MESENCHYMAL STROMAL CELL EXTRACELLULAR VESICLES IMPROVE RESPIRATORY SYSTEM PHYSIOLOGICAL OUTCOMES IN MECHANICALLY VENTILATED PRETERM LAMBS.

A Rebentisch, E Dawson, E Major, H Foreman, D Headden, Z Vordos, MJ Dahl, D Null, A Mitsialis, S Kourembanas and K Albertine, Salt Lake City, UT; Boston, MA; Davis, CA. The University of Utah School of Medicine (WSPR Mead Johnson Nutrition Travel Award)

OXIDIZED PHOSPHOLIPID NEUTRALIZING ANTIBODY AMELIORATES HYPEROXIA INDUCED LUNG INJURY.

W Tang, X Sun, JL Witztum, C Glass and E Sajti, La Jolla, CA; San Antonio, TX. University of California San Diego
2:00  ASYNCHRONOUS CHEST COMPRESSIONS WITH HIGH FREQUENCY VENTILATION IMPROVES GAS EXCHANGE DELIVERY IN ASPHYXIATED CARDIAC ARRESTED PRETERM LAMBS.
E Giusto, A Lesneski, H Joudi, M Hardie, LI Zeinali, D Sankaran, S Lakshminrusimha and P Vali, Sacramento, CA; Davis, CA. University of California Davis (WSPR Abbott Nutrition Subspecialty Award Winner)

Abstract 68

2:15  EARLY CPAP ALTERS LUNG STRUCTURE AND MECHANICAL FUNCTION IN NEONATAL RATS.
E Bye, T Gonzalez, G Seedorf, B Smith, N Galambos, SH Abman and E Mandell, Aurora, CO. University of Colorado Denver School of Medicine

Abstract 69

2:30  The University of Utah Inaugural Kurt L. Albertine State-of-The-Art Speaker in Pulmonary Biology
STEM CELL EXTRACELLULAR VESICLES: KEY SIGNALING AND THERAPEUTIC VECTORS FOR LUNG DISEASE AND BEYOND.
Stella Kourembanas, Boston Children's Hospital

3:00-3:15 PM – BREAK

Surgery I
Green Room (Sunset Center)
Subhas Gupta and Lee Wong, Presiding

12:45  HEMOGLOBIN A1C AS A PROGNOSTIC INDICATOR OF POSTOPERATIVE INFECTION FOLLOWING IMMEDIATE BREAST CANCER RECONSTRUCTION.
CA Czaykowsky and S Gupta, Loma Linda, CA. Loma Linda University School of Medicine (WAFMR/WAP/WSCI Student Subspecialty Award Winner) (WSMRF)

Abstract 70

1:00  THE IMPACT OF THE COVID-19 PANDEMIC ON SPINE SURGERY PRACTICE AND OUTCOMES IN AN URBAN HEALTHCARE SYSTEM.
J Parekh, B Attaripour, SY Xiang, M Siow, B Mitchell and B Shahidi, San Diego, CA. University of California San Diego

Abstract 71

1:15  MEASURING THE CLINICAL VALUE OF SECONDARY HAND SURGERY IN PATIENTS WITH COMPLEX HAND INJURIES.
BC Goodlin, CA Czaykowsky and S Gupta, Loma Linda, CA. Loma Linda University School of Medicine (WSMRF)

Abstract 72

1:30  ASSOCIATION OF THE GERIATRIC NUTRITION RISK INDEX AND POSTOPERATIVE COMPLICATIONS IN HEAD AND NECK CANCER.
J Chen and M Abouyared, Sacramento, CA. University of California Davis

Abstract 73
1:45  DEMOGRAPHICS, FRACTURE CHARACTERISTICS, AND TREATMENT STRATEGIES FOR PERIPROSTHETIC DISTAL FEMUR FRACTURES COMPARED TO NATIVE DISTAL FEMUR FRACTURES.
S Kong, B Bautista, A Saiz, MR Haffner, J Kelley and MA Lee, Sacramento, CA; Houston, TX. University of California Davis

Abstract 74

2:00  EFFECT OF ANTICOAGULANT AND ANTIPLATELET USE ON DERMATOLOGIC AND COSMETIC PROCEDURE INTRAOPERATIVE OUTCOMES.
M Gruber and E Foltz, Pullman, WA. Washington State University Elson S Floyd College of Medicine (WSMRF)

Abstract 75

2:15  MULTIMODAL PAIN CONTROL UTILIZING BUPRENORPHINE FOR ROBOTIC ASSISTED LAPAROSCOPIC PROSTATECTOMY: A QUALITY IMPROVEMENT COMPARISON TO CONVENTIONAL OPIOID MANAGEMENT.
M Hajiha, D Lien, G Stier, L Soloniuk, H Ruckle, A Amasyali, K Shete, M Douglas, J Calvert, M Chang, R Tone, J Johnson, I Muchiutti and S Wraich, Loma Linda, CA. Loma Linda University Adventist Health Sciences Center (WAP/WSCI Travel Award Winner)

Abstract 76

2:30  RETROSPECTIVE COMPARISON OF LAMINOPLASTY VERSUS LAMINECTOMY WITH FUSION FOR TREATING CERVICAL SPONDYLOTIC MYELOPATHY.
O Bakr, B Van, B Bautista, Z Booze and RF Roberto, Sacramento, CA. University of California Davis School of Medicine (WSMRF)

Abstract 77

2:45  LOWER LIMB AMPUTATIONS IN PATIENTS WITH DIABETES HOSPITALIZED WITH FOOT BURNS - A NATIONAL TRAUMA DATABANK ANALYSIS.
D Perrault, J Cobert, V Gadiraju, G Gurtner, T Pham and C Sheckter, Seattle, WA; Stanford, CA; Rochester, NY. University of Washington School of Medicine

Abstract 78

3:00-3:15 PM – BREAK
CONCURRENT SESSIONS
Thursday, January 20, 20220
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
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, Presiding

3:15  State-of-the-Art Speaker
OLD DRUG, NEW INDICATIONS: COLCHICINE FOR RISK-REDUCTION POST-MI.
Carlin Long, University of California San Francisco

3:45  OUTCOME OF HOSPITALIZED HEART TRANSPLANT PATIENTS WITH COVID INFECTION AT A LARGE WEST COAST CENTER.
A Mohanty, S Kim, N Patel, T Singer-Englar, M Hamilton and J Kobashigawa, Santa Clara, CA; Los Angeles, CA. Santa Clara University

4:00  IS SACUBITRIL/VALSARTAN A RISK FACTOR FOR VASOPLEGIA/PRIMARY GRAFT DYSFUNCTION AFTER HEART TRANSPLANTATION?
M Oda, T Singer-Englar, N Patel, S Kim, M Hamilton and J Kobashigawa, Los Angeles, CA. University of California Los Angeles

4:15  THE EFFECT OF HYPMAGNESEMIA POST HEART TRANSPLANTATION.
K Ravellette, N Patel, S Kim, T Singer-Englar, M Hamilton and J Kobashigawa, Los Angeles, CA. University of California Los Angeles David Geffen School of Medicine

Abstract 79
Abstract 80
Abstract 81
4:30  ACUTE ABDOMINAL COMPLICATIONS IMMEDIATELY FOLLOWING HEART TRANSPLANTATION.
K Duggin, S Kim, T Singer-Englar, N Patel, M Hamilton and J Kobashigawa, Santa Barbara, CA; Los Angeles, CA. University of California Santa Barbara

Abstract 82

4:45  CLINICAL MANIFESTATION AND PROGNOSIS OF DIFFERENT CARDIOMYOPATHY TYPES ON THE BASIS OF GENETIC BACKGROUND.
A Paldino, K Medo, L Mestroni, M Merlo and M Taylor, Trieste, Italy; Aurora, CO. University of Colorado Denver School of Medicine

Abstract 83

5:00  SEX DIFFERENCES IN DESENSITIZATION FOR PATIENTS AWAITING HEART TRANSPLANTATION: IS THERE A DIFFERENCE?
N Yamamoto, N Patel, T Singer-Englar, S Kim, M Hamilton and J Kobashigawa, Pomona, CA; Los Angeles, CA. Western University of Health Sciences College of Osteopathic Medicine of the Pacific

Abstract 84

5:15  A CASE OF POST-COVID MYOCARDITIS IN A 39 YEAR OLD FEMALE WITH PCOS AND INCIDENTAL FINDING OF CAD.
S Ratnayake, A Mesfin, L Moosavi, F Joolhar and A Ghandforoush, Bakersfield, CA. Kern Medical Center (WAP/WSCI Travel Award Winner)

Abstract 85

5:30  APICAL HYPERTROPHIC CARDIOMYOPATHY MIMICKING AS MYOCARDIAL INFARCTION.
VK Narang, P Chan, F Joolhar and T Win, Bakersfield, CA; Miramar, FL. UCLA-Kern Medical

Abstract 86

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<tr>
<td>6:00 pm – 8:00 pm</td>
<td>Welcome Reception and Poster Session</td>
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<td>Odd numbered posters present from 6-7 pm</td>
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<td>Even numbered posters from 7-8 pm</td>
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<td>All Saints Church</td>
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<td>Ninth Avenue &amp; Dolores St.</td>
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<td>7:00 pm – 9:00 pm</td>
<td>WSPR Abbott Nutrition Reception</td>
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<td>La Playa Hotel, Garden Room</td>
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<td>7:30 pm – 9:00 pm</td>
<td>WAFMR Business Meeting &amp; Council Dinner</td>
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| 8:30 pm – 10:00 pm | **WSPR Council Dinner**  
(by invitation only)**  
Restaurant TBD |

**Diversity, Equity, Inclusion I**  
Conductor's Room  
Shanlee Davis, Presiding

3:15 **STAKEHOLDER ENGAGEMENT EFFORTS TO IMPROVE DIVERSITY IN RARE DISEASE RESEARCH: INSPIRING NEW SCIENCE IN GUIDING HEALTHCARE IN TURNER SYNDROME (INSIGHTS) REGISTRY.**  
_S Davis_, V Bamba, W Brickman, A Carl, T Dowlut-McElroy, M Good, S Howell, R Kanakatti Shankar, J Law, S Prakash and K Ranallo, Overland Park, KS; Philadelphia, PA; Aurora, CO; Chicago, IL; Bethesda, MD; Washington, ; Chapel Hill, NC; Houston, TX. **INSIGHTS Consortium Children's Hospital of Colorado University of Colorado - Anschutz Medical Campus (WSPR)**

Abstract 87

3:30 **PARENTAL PERSPECTIVES TOWARDS COVID-19 VACCINES AND RETURN TO SCHOOL: FOCUSING ON HEALTH DISPARITIES.**  
_K He_, M Berra, M Kung and B Afghani, Orange, CA. **Children's Hospital of Orange County (AFMR Henry Christian Award)**

Abstract 88

3:45 **BLACK INDIVIDUALS, HEALTHCARE UTILIZATION, AND COVID-19: PREFERENCES IN ACCESSING CARE.**  
_I Pasumarthi_, T Hollar, _N Alety_, E Solano, M Edman and G Ochoa, Fort Lauderdale, FL. **Nova Southeastern University**

Abstract 89

4:00 **THE EFFICACY OF EDUCATIONAL WORKSHOPS TO IMPROVE HUMAN PAPILLOMAVIRUS LITERACY IN HISPANIC POPULATIONS.**  
_Y Hwang_, C Aristizabal and L Baezconde-Garbanati, Norfolk, VA; Los Angeles, CA; Bethesda, MD. **Eastern Virginia Medical School (WSMRF)**

Abstract 90

4:15 **UNDERREPRESENTED IN MEDICINE MINORITY PHYSICIANS IN EMERGENCY MEDICINE RESIDENCY LEADERSHIP.**  
_J Smittick_, ET Reibling, B Jones, L Fierro and _M Kiemeney_, Loma Linda, CA. **Loma Linda University**

Abstract 91

4:30 **NOVEL HEALTH EQUITY ADVOCACY CURRICULUM TO INCITE ENGAGEMENT IN MEDICAL TRAINEES.**  
_C Conklin_, N Rodman, D Smith and W Joshi, La Jolla, CA; San Diego, CA. **University of California San Diego School of Medicine (WAFMR/WAP/WSCI Student Subspecialty Award Winner) (WSMRF)**
4:45 USING VALIDATED INSTRUMENTS TO ASSESS LONELINESS, SOCIAL SUPPORT, AND BURNOUT AMONGST RACIAL AND LGBTQ+ RESIDENTS.
DA Mesa, Denver, CO. University of Colorado (WAP/WSCI Travel Award Winner)

5:00 IDIOPATHIC SUBGLOTTIC STENOSIS IN NON-CAUCASIAN WOMEN.
A Suk, L Reder, K O'Dell, S Verma, M Harmon, P Weissbrod, P Krishna and B Crawley, Loma Linda, CA; Los Angeles, CA; Irvine, CA; La Jolla, CA. Loma Linda University School of Medicine (WSMRF)

5:15 SCOPING REVIEW OF SOCIOECONOMIC FACTORS AND HIDRADENITIS SUPPURATIVA.
OS Cherepakhin and K DeNiro, Seattle, WA. University of Washington School of Medicine (WSMRF)

5:30 AMERICAN OSTEOPATHIC ASSOCIATION OTOLARYNGOLOGY AND OPHTHALMOLOGY PROGRAM CLOSURES AS A MODEL TO HIGHLIGHT CHALLENGES OF MAINTAINING GRADUATE MEDICAL EDUCATION IN HIGH NEED AREAS.
K Vo, H Ahmed and W Robbins, Pomona, CA; Loma Linda, CA; Columbus, OH. Western University of Health Sciences

6:00 pm – 8:00 pm  Welcome Reception and Poster Session
Jointly sponsored by WAFMR, WAP, WSCI, WSMRF, and WSPR
Odd numbered posters present from 6-7 pm
Even numbered posters from 7-8 pm
All welcome and encouraged to attend
All Saints Church
Ninth Avenue & Dolores St.

7:00 pm – 9:00 pm  WSPR Abbott Nutrition Reception
Open to all WSPR members, trainees, and guests
La Playa Hotel, Garden Room

7:30 pm – 9:00 pm  WAFMR Business Meeting & Council Dinner
(by invitation only)
Hog’s Breath Inn

8:30 pm – 10:00 pm  WSPR Council Dinner
(by invitation only)
Restaurant TBD
Hematology and Oncology I
Green Room (Sunset Center)
Gino In, Presiding

3:15  NOVEL PERINEPHRIC NEOVASCULARITY SCORING SYSTEM IN RENAL CELL CARCINOMA TUMOR STAGING.
C Fateri, A Peta, N Kar, T Bui, B Roth, J Glavis-Bloom, L Limfueco, J Landman and R Houshyar, Irvine, CA. University of California Irvine (WAFMR/WAP/WSCI Student Subspecialty Award Winner)

Abstract 97

3:30  STRESS-INDUCED DIFFERENTIAL MIR-4633-5P EXPRESSION IN THYROID CANCER HEALTH DISPARITIES.
J Mancao, S Khan, J Lee, K Rood, R Davis, M Perez, A Simental and S Roy, Loma Linda, CA; El Paso, TX. Loma Linda University School of Medicine (WSMRF)

Abstract 98

3:45  MELANOMA OF UNKNOWN PRIMARY: A SINGLE-INSTITUTION EVALUATION OF CLINICAL OUTCOMES.
S Dwabe and G In, Los Angeles, CA. Los Angeles County University of Southern California Medical Center Keck Hospital of USC (WAP/WSCI Travel Award Winner)

Abstract 99

4:00  SECOND HITS IN NF1-TUMORS REVEAL PREVALENCE OF COPY NEUTRAL LOSS-OF-HETEROZYGOSITY IN INDIVIDUALS WITH NEUROFIBROMATOSIS TYPE 1.
S Tong, J Shieh and P Devine, Oakland, CA; San Francisco, CA. UCSF Benioff Children's Hospital Oakland (AFMR Henry Christian Award) (WSPR)

Abstract 100

4:15  IMPACT OF SPONSOR ON ADVANCED NON-SMALL CELL LUNG CANCER CLINICAL TRIAL ENROLLMENT CRITERIA.
RA Cooper, Y Chai and J Nieva, Los Angeles, CA. University of Southern California Keck School of Medicine (WSMRF)

Abstract 101

4:30  ASSESSING ADULT PATIENTS’ UNDERSTANDING OF TERMS IN CONSENT RELATED TO SECONDARY MALIGNANCY RISK IN RADIATION THERAPY.
N Vartanian, M Wilson and R Ermoian, Seattle, WA. University of Washington School of Medicine

Abstract 102

4:45  REGULATION OF CHEMORESISTANCE BY CHRM1 IN NON-SMALL CELL LUNG CANCER.
S Simpson and T Bland, Seattle, WA. WWAMI

Abstract 103
5:00  **TISSUE IS THE ISSUE: CHEMOTHERAPY RESPONSE SCORE (CRS) IS MOST PREDICTIVE OF RESPONSE TO NEOADJUVANT CHEMOTHERAPY IN ADVANCED, HIGH GRADE SEROUS OVARIAN CANCER.**  
*A Knickerbocker, K Kuchta, C Donaldson, E Diaz Moore, M Lippitt, G Rodriguez, W Watkin and T Jenkins Vogel, Evanston, IL; Spokane, WA. Washington State University*

Abstract 104

5:15  **THE IMPACT OF AN EDUCATIONAL TRAINING PROGRAM ON COVID-19 AND CANCER: ENHANCING COMMUNITY UNDERSTANDING, FOR DISEASE PREVENTION, BETTER TREATMENT, AND OPTIMAL OUTCOMES.**  
*J Miller and E McGhee, Los Angeles, CA. Charles Drew University of Medicine and Science*

Abstract 105

5:30  **PREDICTIVE VALUE OF THE MINUTE WALK TEST IN ONCOLOGY AND PRE-REHABILITATION: A LITERATURE REVIEW.**  
*RC Ellis, A Blough and M Clark, Pomona, CA; Kansas City, KS. Western University of Health Sciences College of Osteopathic Medicine of the Pacific (WSMRF)*

Abstract 106

| 6:00 pm – 8:00 pm | Welcome Reception and Poster Session  
*Jointly sponsored by*  
WAFMR, WAP, WSCI, WSMRF, and WSPR  
*Odd numbered posters present from 6-7 pm*  
*Even numbered posters from 7-8 pm*  
*All welcome and encouraged to attend*  
*All Saints Church*  
Ninth Avenue & Dolores St. |
| 7:00 pm – 9:00 pm | **WSPR Abbott Nutrition Reception**  
*Open to all WSPR members, trainees, and guests*  
*La Playa Hotel, Garden Room* |
| 7:30 pm – 9:00 pm | **WAFMR Business Meeting & Council Dinner**  
*(by invitation only)*  
*Hog’s Breath Inn* |
| 8:30 pm – 10:00 pm | **WSPR Council Dinner**  
*(by invitation only)*  
*Restaurant TBD* |

**Neonatology General II**  
Babcock #6 (Sunset Center)  
*Shelley Lawrence and Catherine Rotkamp, Presiding*

3:15  **PREVENTING GROWTH FAILURE AND CHARACTERIZING MICROBIOME IN NEONATES WITH GASTROSCHISIS.**  
*K Strobel, K Kramer, E Fernandez, C Rotkamp, C Uy, L Moyer, SL Leibel, M Aslam, F Poulain and KL Calkins, Los Angeles, CA; San Francisco, CA; La Jolla, CA; Davis, CA; Irvine, CA. University of California Los Angeles (WSPR)*

Abstract 107
3:30  **ARACHIDONIC AND DOCOSAHEXAENOIC ACID AND RETINOPATHY OF PREMATURELY.**  
*T Gillespie, E Kim, H Kim, I Tsui, A Chu and KL Calkins, Los Angeles, CA. University of California Los Angeles David Geffen School of Medicine (WSMRF)*

Abstract 108

3:45  **TYPE OF INTRAVENOUS LIPID EMULSION AND CLINICAL OUTCOMES IN INFANTS WITH GASTROINTESTINAL DISEASE.**  
*LJ Lee, E Kim, T Romero and KL Calkins, Los Angeles, CA. University of California Los Angeles David Geffen School of Medicine*

Abstract 109

4:00  **NEONATAL ENCEPHALOPATHY FOLLOWING SELECTIVE SEROTONIN REUPTAKE INHIBITOR EXPOSURE IN THE THIRD TRIMESTER OF PREGNANCY: A POPULATION-BASED STUDY.**  
*M Cornet, H Forquer, A Scheffler, A Yeaton-Massey, T Newman, M Kuzniewicz and Y Wu, San Francisco, CA; Oakland, CA. University of California San Francisco (WSPR Prolacta Bioscience Research Fellow Travel Award)*

Abstract 110

4:15  **BREASTFEEDING RATE REMAINS LOW DURING COVID-19 PANDEMIC IN INFANTS WITH NEONATAL OPIOID WITHDRAWAL SYNDROME (NOWS).**  
*A Fisher, A McDougal, M McLaren and C Fung, Salt Lake City, UT. University of Utah Health*

Abstract 111

4:30  **IDENTIFYING BARRIERS TO MOTHER'S MILK FEEDING IN EARLY PRETERM BLACK INFANTS IN AN URBAN NEONATAL INTENSIVE CARE UNIT.**  
*MA Chang, S Curtis and NL Davis, Los Angeles, CA; Baltimore, MD. University of Southern California*

Abstract 112

4:45  **Stanford University Philip Sunshine State-of-The-Art Speaker:**  
*DATA-DRIVEN PRACTICES THAT PROMOTE EQUITY AND DIVERSITY OF ACADEMIC FACULTY.*  
*Stephanie I. Fraley, University of California San Diego*

5:15  **IMPROVING ENTERAL FEEDING PRACTICES AND HUMAN MILK CONSUMPTION IN MULTIPLE NICUS: A QUALITY IMPROVEMENT PROJECT.**  

Abstract 113

5:30  **CLINICAL AND ECONOMIC IMPACT OF USING EXCLUSIVE HUMAN MILK IN VERY LOW BIRTH WEIGHT INFANTS.**
Abstract 114

Welcome Reception and Poster Session
Jointly sponsored by WAFMR, WAP, WSCI, WSMRF, and WSPR
Odd numbered posters present from 6-7 pm
Even numbered posters from 7-8 pm
All welcome and encouraged to attend
All Saints Church
Ninth Avenue & Dolores St.

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All Saints Church
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WSPR Abbott Nutrition Reception
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La Playa Hotel, Garden Room

WAFMR Business Meeting & Council Dinner
(by invitation only)
Hog’s Breath Inn

WSPR Council Dinner
(by invitation only)
Restaurant TBD

Neonatology Pulmonary II
Rehearsal Room (Sunset Center)
Shazia Bhombal and Erica Mandell, Presiding

3:15  PERINATAL ELECTRONIC CIGARETTE-EXPOSURE INDUCES ASTHMA IN RAT OFFSPRING.
A Harb, C Yu, J Liu, R Sakurai, Y Wang and V Rehan, Torrance, CA. The Lundquist Institute
Abstract 115

3:30  COMBINED PRE- AND POSTNATAL GROWTH RESTRICTION INCREASE EXPRESSION OF A NOVEL DOMINANT NEGATIVE PPAR SPLICE VARIANT IN THE RAT LUNG.
A Cohen, R Gage, T Benally, H Wang, J Zhao and L Joss-Moore, Salt Lake City, UT.
University of Utah Health (WSPR Prolacta Bioscience Research Fellow Travel Award)
Abstract 116

3:45  EVIDENCE FOR THE INTERGENERATIONAL PULMONARY EXPRESSION OF GENES DIFFERENTIALLY METHYLATED IN SPERM CELLS OF PERINATALLY NICOTINE EXPOSED RATS.
L Afrose, Y Wang, J Liu, C Yu, T Rho, T Dao, D Hatai and V Rehan, Torrance, CA. The Lundquist Institute
Abstract 117

4:00  THE EFFECT OF SEROTONIN DEPLETION ON HYPOXIA INDUCED NEONATAL MURINE BRONCHOPULMONARY DYSPLASIA AND PULMONARY
HYERTENSION.
D Roberts, JN Posey, J Archambault, E Nozik and C Delaney, Aurora, CO. University of Colorado - Anschutz Medical Campus

4:15 THE EFFECT OF PLATELET ALPHA GRANULE DEFICIENCY ON HYPOXIA INDUCED NEONATAL PULMONARY HYPERTENSION.
D Roberts, JN Posey, E Nozik and C Delaney, Aurora, CO. University of Colorado - Anschutz Medical Campus

4:30 METABOLITES IMPORTANT IN THE DIFFERENTIATION OF HUMAN PLURIPOTENT STEM CELLS TO LUNG PROGENITOR CELLS.
SL Leibel, I Tseu, A Zhou, A Hodges, J Yin, C Bilodeau, O Goltsis and M Post, La Jolla, CA; Toronto, Canada; Baltimore, MD. University of California San Diego (WSPR Mead Johnson Nutrition Junior Faculty Award) (WAFMR)

4:45 EFFECTS OF VITAMIN A AND VITAMIN D TREATMENT ON LUNG GROWTH AND FUNCTION IN OFFSPRING FROM MATERNAL VITAMIN D DEFICIENT RATS.
N Galambos, E Bye, T Gonzalez, G Seedorf, B Smith, JC Fleet, SH Abman and E Mandell, Aurora, CO; Austin, TX. University of Colorado - Anschutz Medical Campus

5:00 MATERNAL VITAMIN D DEFICIENCY ALTERS PULMONARY ENDOTHELIAL CELL GROWTH AND MRNA EXPRESSION IN NEWBORN RATS.
T Gonzalez, E Bye, N Galambos, G Seedorf, JC Fleet, SH Abman and E Mandell, Aurora, CO; Austin, TX. University of Colorado - Anschutz Medical Campus

5:15 THE EFFECT OF PERINATAL NICOTINE EXPOSURE ON THE LUNG CIRCADIAN MOLECULAR CLOCK.
D Hatai, Y Wang, R Sakurai, J Liu, L Afrose, T Dao, T Rho, C Yu and V Rehan, Torrance, CA. The Lundquist Institute

5:30 ASSOCIATION OF SYSTEMIC SEROTONIN WITH PERSISTENT PULMONARY HYPERTENSION OF THE NEWBORN.
J Archambault, C Palmer, E Nozik and C Delaney, Aurora, CO. University of Colorado

6:00 pm – 8:00 pm
Welcome Reception and Poster Session
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Odd numbered posters present from 6-7 pm
Even numbered posters from 7-8 pm
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### Neuroscience I
Chapman #4 (Sunset Center)
*David Baron, Presiding*

**3:15**  **COMBINED SUPEROTEMPORAL RETINAL AMYLOID AND RETINAL VENULAR TORTUOSITY INDEX PREDICTS VERBAL MEMORY PERFORMANCE IN COGNITIVELY IMPAIRED SUBJECTS.**
*T Torbati, J Sheyn, DS Sherman, MM Khansari, KL Black, PD Lyden, Y Koronyo, M Koronyo-Hamaoui and OM Dumitrascu, Pomona, CA; Los Angeles, CA; Scottsdale, AZ. Western University of Health Sciences Cedars-Sinai Medical Center (WAFMR)*

**Abstract 125**

**3:30**  **THYROID HORMONE TREATMENT REVEALS GENE EXPRESSION PLASTICITY IN CONE PHOTORECEPTORS OF ADULT ZEBRAFISH.**
*P Thomas, A Farre and D Stenkamp, Moscow, ID; Seattle, WA. University of Washington School of Medicine University of Idaho*

**Abstract 126**

**3:45**  **EFFECTS OF METHAMPHETAMINE ON FENFLURAMINE-INDUCED HEAD-TWITCH RESPONSE AND C-FOS EXPRESSION IN MICE PREFRONTAL CORTEX.**
*Y Sun, S Chebolu, S Skegrud, S Kamali and N Darmani, Pomona, CA. Western University of Health Sciences College of Osteopathic Medicine of the Pacific*

**Abstract 127**

**4:00**  **PROGRESSION OF GEOGRAPHIC ATROPHY IN AGE-RELATED MACULAR DEGENERATION PATIENTS TREATED WITH LEVODOPA.**
*G Muigai, RW Snyder, C Christensen and S Purewal, Des Moines, IA; Tucson, AZ; Nashville, TN. Vanderbilt University*

**Abstract 128**

**4:15**  **HOW DO MEDICAL AND PHYSICAL THERAPY STUDENTS LEARN ABOUT CONCUSSIONS?**
*W Cheung, EA Tangog, L McKay, T Alsky and D Baron, Pomona, CA; Tucson, AZ. Western University of Health Sciences Western University of Health Sciences College of Osteopathic Medicine of the Pacific (WSMRF)*
4:30 NEW THROMBUS FORMATION IMMEDIATELY AFTER ANDEXANET ALFA INFUSION: A CASE REPORT AND LITERATURE REVIEW.
T Torbati, OA Elshaigi, M Kayyali and OM Dumitrascu, Pomona, CA; Los Angeles, CA; Scottsdale, AZ. Western University of Health Sciences Cedars-Sinai Medical Center

Abstract 130

4:45 BRAIN INJURY AND ADVERSE CHILDHOOD EXPERIENCES LINKED TO CRIMINAL BEHAVIOR.
S Skegrud, J Nguyen and J Wu, Irvine, CA; Pomona, CA. Western University of Health Sciences College of Osteopathic Medicine of the Pacific

Welcome Reception and Poster Session
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Restaurant TBD

Pulmonary and Critical Care
Studio 105 (Sunset Center)
Gustavo Matute-Bello, Presiding

3:15 PLASMA NEUTROPHIL EXTRACELLULAR TRAP LEVELS CORRELATE WITH ACUTE RESPIRATORY DISTRESS SYNDROME SEVERITY.
J Aoki, F Denorme, J Rustad, D Perry, M Cody, E Harris, EA Middleton and CC Yost, Salt Lake City, UT. University of Utah Health (WAFMR/WAP/WSCI Student Subspecialty Award Winner)

Abstract 132

3:30 PLATELET ALPHA GRANULE DEFICIENT MICE ARE PROTECTED AGAINST THE DEVELOPMENT OF HYPOXIA-INDUCED RIGHT VENTRICULAR HYPERTROPHY.
E Nozik and C Delaney, Aurora, CO. University of Colorado Denver School of Medicine
3:45 EVALUATION OF THE ACCURACY OF MINIMALLY-INVASIVE CARDIAC OUTPUT MONITORS BEFORE AND AFTER CARDIOPULMONARY BYPASS.  
K Cheung and N Fleming, Sacramento, CA. University of California Davis (WSMRF)

4:00 A CASE OF DABBING-INDUCED LIPOID PNEUMONIA.  
LW Boucher and GA Loh, Fort Gordon, GA. Dwight David Eisenhower Army Medical Center

4:15 LUNG EPITHELIAL CELL ENVIRONMENT MODULATES TEMPORAL KINASE SIGNALING DYNAMICS.  
N DeCuzzi, D Murphy, A Ram, M Pargett, K Chmiel, AA Zeki and J Albeck, Davis, CA. University of California Davis

4:30 THE EFFECTS OF ACUTE AND CHRONIC KIDNEY INJURY ON MORTALITY IN OLDER PATIENTS CRITICALLY ILL WITH COVID-19.  
MD Rockstrom, S Windham, KM Erlandson and J Hippensteel, Denver, CO. University of Colorado (WAP/WSCI Travel Award Winner) (WSMRF)

4:45 EFFECT OF POSITIVE END EXPIRATORY PRESSURE IN PREVENTION OF POSTOPERATIVE PULMONARY COMPLICATIONS IN OBESE PATIENTS UNDER GENERAL ENDOTRACHEAL ANESTHESIA: SYSTEMATIC REVIEW AND META-ANALYSIS OF RANDOMIZED TRIALS.  
JY Choi, MA Al-Saedy and BJ Carlson, Spokane, WA. Washington State University (WSMRF)

5:00 ALVEOLAR HEMORRHAGE DUE TO SECONDARY PULMONARY VASCULITIS IN A PATIENT WITH NEW FEATURES OF AUTOIMMUNE DISEASE.  
A Garcia, T Issa, R Garcia-Pacheco and J Oberndorf, Miramar, FL; Bakersfield, CA. Ross University School of Medicine

5:15 USE OF STRICT SPINAL PRECAUTIONS FOR SPINAL CORD INJURIES BY SKI PATROLS: DO THEY WORK?  
C O’ Driscoll, D Deng and E Guenther, Lebanon, OR. Western University of Health Sciences College of Osteopathic Medicine of the Pacific-Northwest

6:00 pm – 8:00 pm Welcome Reception and Poster Session  
Jointly sponsored by  
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**Surgery II**<br>Carmel Women's Club<br><br>*Subhas Gupta and Lee Wong, Presiding*

**3:15** **DISPLACED FEMORAL NECK FRACTURES IN ELDERLY PATIENTS SHOULD NOT BE FIXED WITH CLOSED REDUCTION AND PERCUTANEOUS PINNING.**<br><br>**DSkerrett, M Coale and W Lack, Seattle, WA. University of Washington School of Medicine**<br><br>Abstract 141

**3:30** **ALTERATIONS IN SHOULDER TENDON STRUCTURAL PROTEINS IN ATHEROSCLEROSIS.**<br><br>**WH Fang, S Sekhon, FG Thankam and DK Agrawal, Pomona, CA. Western University of Health Sciences**<br><br>Abstract 142

**3:45** **AN INVESTIGATION IN THE EVIDENCE BASE FOR ADAPTOGENS IN WOUND HEALING AND SKIN REJUVENATION.**<br><br>**DSokolov and S Gupta, Loma Linda, CA. Loma Linda University (WSMRF)**<br><br>Abstract 143

**4:00** **HOW DOES DIMETHYL SULFOXIDE AFFECT IN-VITRO FAT GRAFT VIABILITY?**<br><br>**NM Sarli and S Gupta, Loma Linda, CA. Loma Linda University Adventist Health Sciences Center**<br><br>Abstract 144

**4:15** **COMPARISON OF COMPLICATIONS IN PATIENTS WITH NORMAL AND COMPROMISED RENAL FUNCTION UNDERGOING ADJUVANT RADIATION THERAPY FOLLOWING ROBOTIC-ASSISTED LAPAROSCOPIC RADICAL PROSTATECTOMY.**<br><br>**R Chen, S Song, A Amasyali, C Ritchie, C Baas and D Baldwin, Loma Linda, CA. Loma Linda University**<br><br>Abstract 145
4:30  FACTORS ASSOCIATED WITH SPONTANEOUS LATERAL SKULL BASE CEREBROSPINAL FLUID.
JS de Armas, E Miles, A Miller, Y Liu and N Wycliffe, Loma Linda, CA. Loma Linda University Medical Center

Abstract 146

4:45  UTILITY OF PEDIATRIC VESICOSTOMY IN PROTECTING THE URINARY TRACT.
J Byer, C Ritchie and J Chamberlin, Loma Linda, CA. Loma Linda University School of Medicine (WSMRF)

Abstract 147

5:00  DOES A NEEDLE HOLDER REDUCE FLUOROSCOPIC RADIATION EXPOSURE TO THE SURGEON'S HAND COMPARED TO LEAD GLOVES AND CONVENTIONAL GLOVES?
E Joo, C Baas, R Chen, JC Hartman, JD Belle, A Amasyali and D Baldwin, Loma Linda, CA. Loma Linda University School of Medicine

Abstract 148

5:15  RISK FACTORS FOR URINARY TRACT INFECTIONS IN CHILDREN WITH PRENATAL HYDRONEPHROSIS.
A Fisher, C McKinney, C Ritchie and J Chamberlin, Loma Linda, CA. Loma Linda University School of Medicine

Abstract 149

5:30  COMPARISON OF SMARTPHONE TO WEARABLE SENSORS FOR ASSESSMENT OF GAIT IN AN ORTHOPAEDIC CLINIC.
D Ahmadian, G Coyle and M Dohm, Tucson, AZ. The University of Arizona College of Medicine Tucson (WAFMR)

Abstract 150

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| 6:00 pm – 8:00 pm | Welcome Reception and Poster Session
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| 8:30 pm – 10:00 pm | WSPR Council Dinner                                                   |
|                | *(by invitation only)*                                                |
|                | Restaurant TBD                                                        |
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

All Saints Church
Ninth Avenue & Dolores St.

Thursday, January 20, 2022
6:00 PM – 8:00 PM

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

Adolescent Medicine and General Pediatrics
Behavior and Development
Cardiology
Diversity, Equity, Inclusion Research
Genetics
Healthcare Delivery Research
Infectious Diseases
Morphogenesis and Malformations
Neonatology – General

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<tr>
<td><strong>Adolescent Medicine and General Pediatrics</strong></td>
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</table>
| 1 | QUALITY OF REFERRALS SENT TO A PAEDIATRIC ORTHOPAEDIC CLINIC.  
  *A Chehil, BV Sidhu, E Schaeffer and K Mulpuri, Vancouver, BC, Canada. BC Children's Hospital*
  
  Abstract 151 |
| 2 | IMPLEMENTING TELEHEALTH INTO PEDIATRIC TRAUMA CONSULTATIONS.  
  
  Abstract 152 |
| **Behavior and Development** |
| 3 | A SURVEY OF STUDENT ATTITUDES ABOUT ONLINE LEARNING VIA THE ZOOM PLATFORM. |
4 HOW DO MEDICAL STUDENTS RATE RESILIENCY IN A PANDEMIC?
S Dulani, E Salimi, AL Nelson and M Hudson, Lebanon, OR. Western University of Health Sciences College of Osteopathic Medicine of the Pacific-Northwest

5 IMPACT OF COVID-19 ON ROCKY VISTA UNIVERSITY MEDICAL STUDENTS’ MENTAL HEALTH: A CROSS-SECTIONAL SURVEY.
D Paz, V Kuo, M Bains, V Bandi, M Zueger, M Payton and R Ryznar, Parker, CO. Rocky Vista University

6 SURVEYS OF THE PERCEPTIONS OF FACULTY ABOUT STRESS AND RESILIENCE.
E Salimi, S Dulani, AL Nelson and M Hudson, Pomona, CA. Western University of Health Sciences College of Osteopathic Medicine of the Pacific (WSMRF)

7 NOVEL CHOLESTEROL LOWERING AGENTS IN SETTING OF STATIN INTOLERANCE.
S Noh, K Mai, M Shaver, S Yong, M Mostaghimi, G Oh and MM Radwan, Pomona, CA; Stockton, CA. Western University of Health Sciences

8 IMPACT OF IMPLEMENTATION OF SMART GOALS FOR RADIOLOGY TRAINEE RESEARCH AND MENTORSHIP.
T Bui, C Fateri, D Kwan, J Glavis-Bloom, A Ushinsky, M Helmy, D Floriolli and R Houshyar, Orange, CA; Saint Louis, MO. University of California Irvine

9 COVID-19 IN RAVALLI COUNTY, MONTANA: CAPTURING THE VOICES OF HEALTHCARE LEADERS.
N Johnson, Seattle, WA. University of Washington School of Medicine (WSMRF)

10 JOURNAL CLUB IMPLEMENTATION AS AN EDUCATIONAL TOOL FOR MEDICAL TRAINEE RESEARCH AND MENTORSHIP IN RADIOLOGY, A PILOT STUDY.
D Kwan, T Bui, C Fateri, J Glavis-Bloom and R Houshyar, Orange, CA. University of California Irvine

11 INDOOR WALKING TRACK AS OPPORTUNITY FOR OLDER ADULTS TO EXERCISE DURING WINTER IN VALDEZ, ALASKA.
M Weyhrauch, Seattle, WA. University of Washington School of Medicine
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<tr>
<td>12</td>
<td>VARIABLE EXPRESSIVITY IN NTRK1-CONGENITAL INSENSITIVITY TO PAIN WITH ANHIDROSIS (CIPA).</td>
<td>AD Niehaus, CG Tise, M Manning and D Stevenson, Stanford, CA. Stanford University</td>
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<td>13</td>
<td>NOVEL HETEROZYGOUS P3H2 VARIANTS IN A CHILD WITH EARLY-ONSET NON-SYNDROMIC DEGENERATIVE HIGH MYOPIA.</td>
<td>VD Tang, A Egense, M Estrada and SP Shankar, Sacramento, CA; Davis, CA. University of California Davis (WAFMR)</td>
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<td>14</td>
<td>IMPROVED ACCESS TO CLINICAL GENETICS SERVICES VIA GENETIC COUNSELOR LED HEARING LOSS CLINIC.</td>
<td>M Dutra-Clarke, S Glover and B Russell, Los Angeles, CA. University of California Los Angeles University of California Los Angeles</td>
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<td>15</td>
<td>UNCOMMON NEUROIMAGING FINDINGS IN INBORN ERRORS OF METABOLISM.</td>
<td>JA Morales, FP Velez-Bartolomei, M Ruzhnikov and GM Enns, Stanford, CA; San Juan. Stanford University</td>
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<td>16</td>
<td>PEDIATRICS RESIDENTS AND FUNDAMENTALS OF GENETIC TESTING: SELF-PERCEIVED KNOWLEDGE AND CONFIDENCE.</td>
<td>R Gates, L Hudgins and LC Huffman, Stanford, CA. Stanford University</td>
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<td>17</td>
<td>NEONATAL COVID-19 ENCEPHALITIS WITH AN INCIDENTAL PTEN PATHOGENIC VARIANT.</td>
<td>A Sosa and J Woods, Madera, CA; Stanford, CA. Valley Children's Healthcare</td>
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<td>Healthcare Delivery Research</td>
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<td>18</td>
<td>TRUST IN OREGON HEALTH AUTHORITY POLICIES DURING COVID-19.</td>
<td>H Graham, M Gentry, M Jette, E Kim and J Spaan, Lebanon, OR. Western University of Health Sciences College of Osteopathic Medicine of the Pacific-Northwest (WSMRF)</td>
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<td>19</td>
<td>DOES INSURANCE STATUS INFLUENCE MATERNAL MORTALITY: A SCOPING REVIEW.</td>
<td>J Hannan and A Bertotti Metoyer, Seattle, WA; Spokane, WA. University of Washington</td>
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<td>20</td>
<td>INTERVENTIONS TO ADDRESS HEALTH DISPARITIES IN COLORECTAL</td>
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CANCER SCREENING AMONG THE MINORITY POPULATIONS IN THE UNITED STATES.
S Hosseinian, S Afzal, E Bolt, J Gu, D Lee, P Pragash, S Sacchetto and B Afghani, Orange, CA. UC Irvine school of medicine (WAFMR)

Abstract 170

A COMPREHENSIVE REVIEW OF WOMEN’S QUESTIONS FOLLOWING MISCARRIAGE ON DIFFERENT SOCIAL MEDIA PLATFORMS.
EG Ong, L Davis, A Sanchez, R Curiel, H Stohl, A Nelson and N Robinson, Torrance, CA; Pomona, CA. Western University of Health Sciences College of Osteopathic Medicine of the Pacific

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MEDICAL LEARNERS VIEWS ON LEARNER FEEDBACK TO BUILD PROGRAM CAMARADERIE.
R Buller, AG Raja, P Poysophon and T Allison-Aipa, Riverside, CA; Pomona, CA. Western University of Health Sciences

Abstract 172

OPTIONS TO EXPAND HOME HEALTHCARE IN CORDOVA, AK.
JT Bramante, Seattle, WA; Anchorage, AK. University of Washington University of Alaska Anchorage

Abstract 173

THE IMPACTS OF COVID-19 ON THE SOCIAL PERCEPTIONS OF BREASTFEEDING.
A Mehta, EA Wright, AL Nelson, H Stohl and M Economidis, Pomona, CA; Los Angeles, CA. Western University of Health Sciences College of Osteopathic Medicine of the Pacific

Abstract 174

FUNCTION OF SOCIAL MEDIA ON PREMENSTRUAL DYSPHORIC DISORDER.
N Poladian, A Maron, T Ghazarian, AL Nelson and Y Fernandez-Sweeny, Pomona, CA. Western University of Health Sciences College of Osteopathic Medicine of the Pacific

Abstract 175

INTERNAL MEDICINE EDUCATION FOR MEDICAL TRAINEES IN NAIVASHA, KENYA.
LV Savochka, D Li, L Onofrey, D Bosibori, J Beste and C Farquhar, Seattle, WA; Naivasha, Kenya. University of Washington School of Medicine

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DEVELOPMENT OF A WHATSAPP-BASED PILOT PROGRAM TO IMPROVE STROKE EDUCATION AND RISK FACTOR REDUCTION IN PATIENTS WITH ARTERIAL HYPERTENSION IN HUARAL, PERU.
K Turk, J Zunt, C Abanto and A Sanchez, Seattle, WA; Lima, Peru. University of Washington School of Medicine

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<td>S Prasad, C D'Assumpcao, R McPheeters, W Stull and A Heidari, Downers Grove, IL; Bakersfield, CA. Adtalem Global Education Inc Kern Medical Center</td>
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D Deng, N Hatchard and R Patel, Lebanon, OR; Philadelphia, PA; Vineland, NJ. Western University of Health Sciences College of Osteopathic Medicine of the Pacific-Northwest
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K Kay, J Scott and M Wedel, Pomona, CA. Western University of Health Sciences
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AL Baranoff and A Paquette, Seattle, WA. Seattle Children's Research Institute
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C Marquez, K Ramm, Y Shao, NS Nanduri, A Hisey, L Barton, R Ramanathan and M Biniwale, Los Angeles, CA. LAC + USC Medical Center
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J Wang, AF Ahmed, R Ramanathan and A Yeh, Los Angeles, CA; LA, CA. LAC+USC Medical Center/USC
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S Bell, S Espinosa, K Kesavan and KL Calkins, Los Angeles, CA. University of California Los Angeles

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45 ABNORMAL BLOOD GAS AND OXYGEN REQUIREMENTS IN FIRST 24 HOURS OF LIFE AS INDICATORS OF MORBIDITY IN VERY LOW BIRTH WEIGHT INFANTS.
A Hisey, NS Nanduri, Y Shao, K Ramm, L Barton, R Ramanathan and M Biniwale, Los Angeles, CA; Maywood, IL; Philadelphia, PA. Los Angeles County University of Southern California Medical Center Loyola University Chicago Stritch School of Medicine

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46 INTUBATION IN THE FIRST 24 HOURS AS AN INDICATOR OF NEONATAL MORBIDITY.
A Hisey, N Nanduri, Y Shao, K Ramm, C Marquez, L Barton, R Ramanathan and M Biniwale, Los Angeles, CA; Maywood, IL. Los Angeles County University of Southern California Medical Center Loyola University Chicago Stritch School of Medicine (WSMRF)

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47 CHARACTERIZING RISK FACTORS AND INVESTIGATING TESTING AT BIRTH FOR CONGENITAL HEPATITIS C VIRUS INFECTION.
H Ko, M Dodd, T Borunda, K Page, I Cervantes, J Maxwell and RO Castillo, Albuquerque, NM. University of New Mexico Health Sciences Center

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48 PAID FAMILY LEAVE AND VERY LOW BIRTHWEIGHT INFANT HEALTH OUTCOMES.
J Feister, H Lee, L Greenberg, M Parker, M Rossin-Slater and E Edwards, Palo Alto, CA; Burlington, VT; Boston, MA; Stanford, CA. Lucile Salter Packard Children's Hospital at Stanford (WSPR)

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49 TELEMEDICINE EXPOSURE AND TRAINING IN NEONATAL-PERINATAL MEDICINE FELLOWSHIP PROGRAMS: A NATIONAL SURVEY OF FELLOWSHIP DIRECTORS.
J Rajkumar, K Lund, T Hyunh, A Hoffman and W Lapcharoensap, Salt Lake City, UT; Portland, OR. Oregon Health and Science University

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50 INFANT AND MATERNAL FACTORS ASSOCIATED WITH DEVELOPING NECROTIZING ENTEROCOLITIS IN VERY LOW BIRTH WEIGHT INFANTS.
MA Sacks, YS Mendez, FA Khan, G Gollin and A Radulescu, Loma Linda, CA; San Diego, CA. Loma Linda University Adventist Health Sciences Center

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51 EVALUATING THE EFFECTS OF BREASTFEEDING VERSUS BOTTLE FEEDING ON THE PRETERM INFANTS’ MICROBIOME AND METABOLOME.
52 VARIATIONS IN PARENT PARTICIPATION IN NURSING CARE SESSIONS IN THE NICU BY MEDICAID STATUS.
S Takamatsu, AM Cunningham, J Dempsey, J Kelleher and AG Dempsey, Aurora, CO. University of Colorado - Anschutz Medical Campus

53 PREVALENCE OF NEONATAL INTENSIVE CARE UNIT ADMISSION AMONG PATIENTS WITH GENETIC TESTING.
SB Zoucha, J Jensen and JL Bonkowsky, Salt Lake City, UT. University of Utah Health (WSPR)

54 WHAT IS THE EVIDENCE FOR AN ASSOCIATION BETWEEN FIRST TRIMESTER VAGINAL MICROBIOTA ABNORMALITIES AND PRETERM BIRTH?.
N Holden and N Field, Pomona, CA; London, United Kingdom. Western University of Health Sciences

55 IMPLEMENTING SCREENING FOR NEONATAL DELIRIUM IN THE NICU AT RADY CHILDREN'S HOSPITAL.
M Karmarkar, M Speziale, W Jenkins, D Heath, J Kang, J Suvak, P Grimm and L Moyer, La Jolla, CA; San Diego, CA. University of California San Diego Rady Children's Hospital San Diego (WSPR)

56 IMPROVING ELECTROLYTE AND MINERAL HOMEOSTASIS IN EXTREMELY PREMATURITY INFANTS.
S Markee, J Fuller, A Yaroslaski, E Shenk and J Maxwell, Albuquerque, NM. University of New Mexico Hospital

57 IMPLEMENTATION OF A NEONATAL MASSIVE TRANSFUSION PROTOCOL.
H Ko, JR Griggs, J Raval and T Zamora, Albuquerque, NM; Minneapolis, MN. University of New Mexico Health Sciences Center

58 HOSPITAL VARIATION IN EXTREMELY PRETERM BIRTH.
GP Goldstein, P Kan, C Phibbs, E Main, GM Shaw and H Lee, Stanford, CA. Stanford University (WSPR)
59 PERCEIVED MOTIVATIONS AND BARRIERS OF NEONATAL NURSE PRACTITIONERS IN FELLOW EVALUATION: A PILOT CASE STUDY. 
N Dyess, Aurora, CO. University of Colorado Denver School of Medicine (WSPR) 

Abstract 209

60 EVALUATING A NEONATAL OPIOID WITHDRAWAL SYNDROME CURRICULUM TO IMPROVE CARE IN RURAL HOSPITALS. 
J Patel, S Sanders, H Brakey, T Ozechowski, A Sussman, A Kong and H Pratt-Chavez, Albuquerque, NM. University of New Mexico School of Medicine 

Abstract 210

61 EFFECTS OF POSTNATAL GLUCOCORTICOIDS ON BRAIN STRUCTURE IN PRETERM INFANTS, A SCOPING REVIEW. 
I Robles, MA Eidsness, HM Feldman and SE Dubner, Stanford, CA. Stanford University School of Medicine 

Abstract 211

62 DOES MATERNAL AGE IMPACT FEEDING OUTCOMES IN PRETERM INFANTS? 
A Patel and C Bradley, Irvine, CA. University of California Irvine School of Medicine 

Abstract 212

63 WEE NUZZLE: A QUALITY INITIATIVE TO PROMOTE NON-NUTRITIVE BREAST FEEDING IN ORDER TO INCREASE BREASTMILK AT DISCHARGE FOR PRETERM INFANTS IN THE NEONATAL INTENSIVE CARE UNIT. 
K Schulkers Escalante, J Barnard, E Clemens, R Hammer, C Ritter, K Ko, J Wood, S Freeman, J Cook, K Weiss and SL Leibel, La Jolla, CA; San Diego, CA. University of California San Diego Rady Children's Hospital San Diego (WSPR) 

Abstract 213
Adolescent Medicine and General Pediatrics II
Adolescent Medicine and General Pediatrics II (Sunset Center)
Walter Dehority and Diane E. Stafford, Presiding

8:00 IMPACT OF AGE, SEX, AND RACE ON VELOPHARYNGEAL ANATOMY WITHIN THE FIRST TWO YEARS OF LIFE.
S Levene, I Neuberger, K Barhaghi, A Piccorelli and K Kotlarek, Seattle, WA; Aurora, CO; Laramie, WY. University of Washington School of Medicine (WSPR Mead Johnson Nutrition Travel Award) (WSMRF)

Abstract 214

8:15 LIMPING THROUGH A DIFFERENTIAL: AN UNCOMMON PRESENTATION TO A COMMON PEDIATRIC DIAGNOSIS.
J Smith, J Gardner, K Dreher and S Sanders, Little Rock, AR. University of Arkansas for Medical Sciences

Abstract 215

8:30 PROTEIN CONCENTRATION OF HUMAN MILK VARIES WITHIN A FEED AND OVER A 24-HOUR PERIOD.
KA Bul, AC Gogel, JE Williams, Y Bonney, MA McGuire and MK McGuire, Moscow, ID. University of Washington School of Medicine

Abstract 216

8:45 A CASE REPORT OF THE ASSOCIATION OF KLINEFELTER SYNDROME AND AUTOIMMUNE SCLERITIS.
S Michalsky, C Klinhom, M Malwane and K Eckert, Reno, NV. University of Nevada Reno

Abstract 217
9:00  
*Prolacta Bioscience Adolescent Medicine and General Pediatrics State-of-The-Art Speaker*
**LONG HAUL COVID IN CHILDREN: PERSPECTIVES OF A PEDIATRIC RHEUMATOLOGIST.**
*Dana Gerstbacher, Stanford University*

9:30  
**PERCEPTION AND CONTRACEPTION: ATTITUDES TOWARDS HORMONAL BIRTH CONTROL ON TIKTOK.**
*H Egnew, V Yu, AL Nelson and E Guenther, Pomona, CA. Western University of Health Sciences College of Osteopathic Medicine of the Pacific*

9:45  
**KIDZ MEDED: EMPOWERING YOUTH TO CREATE ANIMATED MEDICAL EDUCATION VIDEOS TO FOSTER STEM IDENTITY IN UNDERREPRESENTED YOUTH.**
*M J Jayakumar, A Balasubramaniam, R Alyssa, N Garza, K Piri and R Kinman, Rochester, MI; Leicester, United Kingdom; San Francisco, CA; Merced, CA; Fresno, CA. Oakland University*

10:00 am – 10:15 am BREAK

Cardiovascular III
Promenade Lobby (Sunset Center)
*Joshua I. Goldhaber and Robert Ross, Presiding*

8:00  
**SMIDT HEART INSTITUTE TAKOTSUBO REGISTRY: ADJUDICATION METHODS.**
*J Maughan, O Obrutu, B Tjoe, R Herscovici, P Moy, N Rojas, P Marano, J Wei, C Shufelt and C Bairey Merz, Los Angeles, CA; Tel Hashomer, Israel. Cedars-Sinai Medical Center*

8:15  
**RISK FACTORS FOR SEIZURES FOLLOWING HEART TRANSPLANTATION.**
*L Mishalani, N Patel, T Singer-Englar, S Kim, M Hamilton and J Kobashigawa, New York, NY; Los Angeles, CA. Columbia University*

8:30  
**MYOCARDITIS AS AN EARLY MANIFESTATION OF SYSTEMIC LUPUS ERYTHROMATOSUS IN A YOUNG FEMALE.**
*P Chan, VK Narang, F Joolhar and T Win, Miramar, FL; Bakersfield, CA. Ross University School of Medicine*

8:45  
**SMIDT HEART INSTITUTE TAKOTSUBO REGISTRY – STUDY DESIGN.**
*O Obrutu, J Maughan, B Tjoe, R Herscovici, P Moy, N Rojas, P Marano, J Wei, C Shufelt, TR Rutledge and C Bairey Merz, Los Angeles, CA; Tel-Hashomer, Israel; San Diego, CA. Cedars-Sinai Smidt Heart Institute*
9:00  CARDIAC TRANSCRIPTOME ANALYSIS OF THE ELECTRONIC CIGARETTE-INDUCED CARDIAC DYSFUNCTION MOUSE MODEL TREATED WITH ACIPIMOX.

Abstract 224

9:15  LONG-TERM CARDIAC OUTCOMES OF MULTI-SYSTEM INFLAMMATORY SYNDROME IN CHILDREN (MIS-C).
K Ghasemian, J Chuang, S Datta, A Koka, F Shaik, D Sun, M Sunkara and B Afghani, Irvine, CA; Orange, CA. University of California Irvine School of Medicine

Abstract 225

9:30  WET BERIBERI IN A PATIENT WITH ISCHEMIC CARDIOMYOPATHY AND GASTRIC BYPASS: A CASE REPORT.
T Azenkot and OM Campa, Sacramento, CA. University of California Davis Health System

Abstract 226

9:45  MALIGNANT EFFUSIONS: A RARE CASE OF SUBACUTE, SEVERE REGIONAL CARDIAC TAMPOANDE.
N Shamapant and C Duarte, Denver, CO. University of Colorado

Abstract 227

10:00 am – 10:15 am BREAK

Case Reports I
Carpenter Hall
W. Conrad Liles, Presiding

8:00  EXTENSIVE LEFT VENTRICULAR AND MITRAL VALVE THROMBUS IN A GASTRIC CANCER PATIENT ON DIRECT ORAL ANTICOAGULANTS.
P Chan, VK Narang, F Joolhar and T Win, Miramar, FL; Bakersfield, CA. Ross University School of Medicine

Abstract 228

8:15  CARDIOVASCULAR MANIFESTATIONS IN ADOLESCENT MALES AFTER THE PFIZER COVID-19 VACCINE.
M Arhin, H Hamad, C Iheagwara and J Hales, Scranton, PA; Chapel Hill, NC; Raleigh, NC; Nashville, TN. University of North Carolina at Chapel Hill School of Medicine

Abstract 229

8:30  METASTATIC AND PERSISTENT BACTEREMIA WITH METHICILLIN-RESISTANT STAPHYLOCOCCUS AUREUS, ASSOCIATED WITH COVID-19 PNEUMONIA, A MANAGEMENT NIGHTMARE.
C Besmanos, C D’Assumpcao, I Fong, R Kuran and A Heidari, Cupecoy, Sint Maarten (Dutch part); Bakersfield, CA. American University of the Caribbean School of Medicine BV Kern Medical Center

Abstract 230
8:45  A SEVERE CASE OF RECURRENT HERPES SIMPLEX VIRUS-1 ENCEPHALITIS WITH AUTOIMMUNE COMPONENT.
VF Civelli, C D'Assumpcao, M Kaur, R Kuran, K Sabetian and A Heidari, Bakersfield, CA; Miramar, FL. Clinica Sierra Vista

9:00  HUMAN HERPESVIRUS-6 MENINGOEENCEPHALITIS IN AN IMMUNOCOMPETENT MALE.
VK Narang, C D'Assumpcao, M Valdez, K Radicic, L Moosavi, R Kuran and A Heidari, Bakersfield, CA. UCLA-Kern Medical

9:15  A CASE OF CONCURRENT DISSEMINATED COCCIDIOIDOMYCOSIS AND EMBRYONAL CARCINOMA WHEN LICE AND FLEAS COEXIST.
M Ke, A Heidari, M Valdez, A Tsiyer, R Kuran and R Johnson, Bakersfield, CA. Kern Medical Center

9:30  A RARE CASE OF NEISSERIA MENINGITIDIS PNEUMONIA IN THE ABSENCE OF MENINGITIS.
J Johal, M Valdez, HK Sandhu, S Mishra and A Heidari, Bakersfield, CA. Kern Medical Center

9:45  GASTRIC MUCORMYCOSIS IN AN ADOLESCENT WITH NEW ONSET DIABETES MELLITUS.
J Timberman and C Kupelian, Madera, CA. Valley Children's Healthcare

10:00 am – 10:15 am BREAK

Endocrinology and Metabolism II
Carmel Women's Club
Mimi S. Kim, Presiding

8:00  NEURAL CORRELATES OF OBESITY AND INFLAMMATION IN YOUTH WITH CLASSICAL CONGENITAL ADRENAL HYPERPLASIA.
MS Kim, TA Pickering, DL Cotter, NR Fraga, S Luo, C Won, M Geffner and M Herting, Los Angeles, CA. Children's Hospital of Los Angeles Children's Hospital of Los Angeles Saban Research Institute (WAFMR)

8:15  POPULATION-BASED ASSESSMENT OF CARDIOMETABOLIC-RELATED DIAGNOSES IN YOUTH WITH KLINEFELTER SYNDROME: A PEDSNET STUDY.
S Davis, N Nokoff, A Furniss, A Valentine, L Pyle and A Dempsey, Denver, CO. University of Colorado (WSPR)
8:30 REACTIVE HYPOGLYCEMIA FOLLOWING A SUGAR CHALLENGE IS ACCOMPANIED BY HIGHER INSULIN IN ADOLESCENT GIRLS WITH OBESITY.
MA Ware, A Carreau, Y Garcia-Reyes, H Rahat, C Diniz Behn and M Cree-Green, Aurora, CO; Parker, CO; Quebec, , Canada; Golden, CO. University of Colorado - Anschutz Medical Campus Rocky Vista University (WAFMR)

Abstract 238

8:45 DIETARY QUALITY AND ONE-YEAR PROGRESSION OF GLUCOSE INTOLERANCE IN SUBJECTS WITH OBESITY.
A Thatte, SJ Melhorn, J Rosenbaum, M De Leon, M Webb and E Schur, Seattle, WA. University of Washington (WAP/WSCl Travel Award Winner)

Abstract 239

9:00 ORAL CONTRACEPTIVE USE IN ADOLESCENTS WITH POLYCYSTIC OVARY SYNDROME AND OBESITY IS ASSOCIATED WITH ALTERED FAT METABOLISM.
E Finn, C Severn, Y Garcia-Reyes, MA Ware, H Rahat and M Cree-Green, Aurora, CO. University of Colorado Children's Hospital Colorado (AFMR Henry Christian Award) (WAFMR)

Abstract 240

9:15 ACIPIMOX PREVENTS CARDIAC DYSFUNCTION INDUCED BY ELECTRONIC CIGARETTES IN MICE.

Abstract 241

9:30 ACCESS TO CARE FOR METABOLIC SYNDROME AND CARDIOVASCULAR DISEASE AMONG IMMIGRANT POPULATIONS IN THE UNITED STATES.
J Beltran, M Shaheen and D Pan, Los Angeles, CA. Charles Drew University of Medicine and Science

Abstract 242

9:45 CAN MEDICAL CARE PROVIDERS PREVENT HEART ATTACKS AND STROKES?
J Giannini, J Padilla, RP Eaton, K Gonzales and DS Schade, Albuquerque, NM. University of New Mexico School of Medicine (WAFMR/WAP/WSCl Student Subspecialty Award Winner)

Abstract 243

10:00 am – 10:15 am BREAK
8:00  DIABETIC HYPERGLYCEMIA EXACERBATES INFLAMMATORY BOWEL DISEASE IN MICE WITH DIET-INDUCED OBESITY.
K Francis, MC Pacheco, K Alonge, BA Phan, S Hu, M Schwartz and J Scarlett, Seattle, WA. Seattle Children's Hospital University of Washington School of Medicine (WAP/WSCI Travel Award Winner)

8:15  ACCURACY OF INTRAOPERATIVE CHOLANGIOGRAM FOR THE EVALUATION OF CHOLEDOCHOLITHIASIS.
SK Choi, M Syed, J Kim and JJ Kim, Loma Linda, CA. Loma Linda University School of Medicine (WAFMR/WAP/WSCI Student Subspecialty Award Winner)

8:30  ROLE OF ETHNICITY IN PREDICTING THE SEVERITY OF LIVER FIBROSIS BY THE IMPLEMENTATION OF FOUR CLINICAL LIVER CIRRHOSIS PREDICTION MODELS AMONG HISPANIC AND CAUCASIAN WOMEN: A PILOT STUDY.
LC Xu, JR Fine, A Molfino and V Medici, Sacramento, CA; Davis, CA; Rome, Italy. University of California Davis Health System (WAFMR/WAP/WSCI Outstanding Resident Award)

8:45  EXAMINING CLINICAL PRESENTATION AND WORKUP OF VETERANS WITH IRRITABLE BOWEL SYNDROME IN A SINGLE MEDICAL CENTER.
PL Claassen and M Riddle, Spokane, WA; Reno, NV. Washington State University Elson S Floyd College of Medicine

9:00  RISK FACTORS ASSOCIATED WITH INCREASED FIBROSIS AND STEATOSIS IN NON-ALCOHOLIC FATTY LIVER DISEASE UTILIZING TRANSIENT ELASTOGRAPHY (FIBROSCAN) IN A COMMUNITY MULTISPECIALTY PRACTICE.
B Stratford and C Gonzales, Ogden, UT; South Ogden, UT. Weber State University College of Science

9:15  ANTIPHOSPHOLIPID ANTIBODY SYNDROME IN A YOUNG MALE WITH BILIARY ADENOCARCINOMA.
H Ipalawatte, S Sathian, K Radicic and S Mishra, Bridgetown, Barbados; Bakersfield, CA. Ross University School of Medicine - Barbados Campus Kern Medical Center

9:30  ILEAL ENDOCRINE TUMOR WITHOUT METASTASIS.
VR Mendiola, J Rahesh, B Quraishi and S Pathapati, Amarillo, TX. Texas Tech University Health Sciences Center School of Medicine
9:45  A CHALLENGING CASE OF COLITIS: INFLAMMATORY OR INFECTIOUS OR BOTH.
S Ratnayake, K Grewal, G Singh, S Kaur, N Singh, A Heidari and G Petersen, Miramar, FL; Bakersfield, CA. Kern Medical Center

10:00 am – 10:15 am BREAK

Genetics I
Rehearsal Room (Sunset Center)
Bianca Russell and David Stevenson, Presiding

8:00  DPH5: A NOVEL GENE CAUSING DIPHTHAMIDE BIOSYNTHESIS DISORDERS.
SP Shankar, K Grimsrud, L Lanoue, A Egense, B Willis, P Shankar, J Horberg, L Albadí, K Mayer, K Ütkür, K Monaghan, J Krier, J Stoler, R Schaffrath, F Alkuraya, U Brinkmann, L Eriksson, K Lloyd and KA Rauen, Sacramento, CA; Davis, CA; Goteborg, , Sweden; Riyadh, Saudi Arabia; Penzberg, Germany; Gaithersburg, MA; Kassel, Germany; Boston, MA. University of California Davis

8:15  MACROANGIOPATHY, NOT SO COMMON IN MELAS?
JP Ramos, JA Morales and M Manning, Stanford, CA. Stanford Medicine (WSPR Mead Johnson Nutrition Travel Award)

8:30  MT-ATP6-ASSOCIATED MITOCHONDRIAL DISEASE CAN PRESENT WITH LOW CITRULLINE BY NEWBORN SCREENING AND MORE: DEFINING THE BIOCHEMICAL PHENOTYPE.
CG Tise, C Lee, B Mendelsohn, J Woods and K Cusmano-Ozog, Stanford, CA; Oakland, CA; Madera, CA. Stanford University (WSPR Abbott Nutrition Subspecialty Award Winner)

8:45  ZELLWEGER SPECTRUM DISORDER IN CALIFORNIA'S CENTRAL VALLEY: EVIDENCE OF A FOUNDER MUTATION IN MIXTECO PATIENTS AFFECTED WITH A NOVEL PEX6 VARIANT.
KR Wong, J Woods, J Carmichael and CI Galarreta Aima, Stanford, CA; Madera, CA. Valley Children's Hospital

9:00  CLINICAL FINDINGS IN CRB2-RELATED SYNDROME.
M Adutwum, A Hurst, G Mirzaa and A Slavotinek, Oakland, CA; Birmingham, AL; Seattle, WA; San Francisco, CA. Children's Hospital Oakland Research Institute UCSF Benioff Children’s Hospital Oakland

9:15  ASYMPTOMATIC THALASSEMIA: A REASON TO REFORM CURRENT
SCREENING ALGORITHMS IN REGIONS OF ASIA.
K Mai and K Chen, Pomona, CA. Western University of Health Sciences

9:30 LINKAGE DISEQUILIBRIUM SCORE REGRESSION ANALYSES TO DETERMINE THE GENETIC ARCHITECTURE OF THE DIFFERENCES BETWEEN DEPRESSION AND BIPOLAR DISORDER.
S Assaf, Los Angeles, CA. University of California Los Angeles (WSMRF)

9:45 DIFFERENT EXONS, DIFFERENT DISORDERS: ATHELIA AND BRANCHIAL SINUS ANOMALIES ARE FEATURES OF A DISTINCTIVE KMT2D-ASSOCIATED DISORDER.
R Franke, CG Tise, M Sanyoura, J Bernstein and LH Philipson, Stanford, CA; Chicago, IL. Stanford University

10:00 am – 10:15 am BREAK

Neonatology General III
All Saints Church, Seccombe Hall
Timothy M. Bahr and Meera N. Sankar, Presiding

8:00 PREDICTIVE VALUE OF PATENT FORAMEN OVALE MEASURED AT BIRTH FOR DEVELOPMENT OF ATRIAL SEPTAL DEFECT IN EXTREMELY LOW BIRTHWEIGHT INFANTS.
S Gaffar, B Siassi, R Cayabyab, M Ebrahimi, M Uzunyan and R Ramanathan, Los Angeles, CA. Los Angeles County University of Southern California Medical Center (WAFMR)

8:15 SYSTEMIC AND END ORGAN HEMODYNAMIC CHANGES DURING BRADYCARDIC EPISODES IN INFANTS UNDERGOING THERAPEUTIC HYPOTHERMIA.
D Cho and T Wu, Los Angeles, CA. Children's Hospital of Los Angeles University of Southern California Keck School of Medicine

8:30 University of Southern California Joan E. Hodgman State-of-The-Art Lecture
ADDRESSING DISPARITIES IN THE NICU: PRACTICAL SOLUTIONS AND RESEARCH GAPS.
Margaret Parker, Boston Medical Center, Boston University School of Medicine

9:00 DECREASING PERCENT OF INFANTS WITH VERY LOW 5-MINUTE APGAR SCORES AT A DENVER SAFETY-NET LEVEL III NICU.
E Harding, C Stenzel, G Roosevelt, T Grover and M Hayashi, Denver, CO. University of Colorado (WSPR Prolacta Bioscience Pediatric Resident Research Travel Award)
9:15  VASOACTIVE THERAPY DURING THERAPEUTIC HYPOTHERMIA IS LINKED TO ADVERSE OUTCOMES AT NEONATAL INTENSIVE CARE UNIT DISCHARGE.  
S Perugu, M Moroze, D Patel and J Cleary, Torrance, CA; Orange, CA; Irvine, CA. Harbor-UCLA Medical Center Department of Pediatrics  
Abstract 263

9:30  EFFECTS OF MATERNAL PREECLAMPSIA ON CARDIAC STRUCTURE AND FUNCTION IN VERY LOW-BIRTH-WEIGHT INFANTS.  
GA Kohbodi, R Cayabyab, M Ebrahimi, R Ramanathan and B Siassi, Los Angeles, CA.  
University of Southern California Keck School of Medicine  
Abstract 264

9:45  COMBINING PROBABILITY SCORES TO OPTIMIZE CLINICAL USE OF THE ONLINE NEONATAL BRONCHOPULMONARY DYSPLASIA OUTCOME ESTIMATOR.  
RM Leigh, H Yeh and F Chou, Loma Linda, CA; Kansas City, MO. Loma Linda University School of Medicine  
Abstract 265

10:00 am – 10:15 am BREAK

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

8:00  GESTATIONAL LONG TERM HYPOXIA AND PHENOTYPIC TRANSFORMATION OF FETAL SHEEP PULMONARY ARTERIES.  
M Lee, E Leslie, C Gheorghe, L Zhang, M La Frano and S Wilson, Loma Linda, CA; Albuquerque, NM; San Luis Obispo, CA. Loma Linda University School of Medicine  
Abstract 266

8:15  IUGR DECREASES PHOSPHATIDYLCHOLINE-DHA AND LIPOPHOSPHATIDYLCHOLINE-DHA IN ASSOCIATION WITH INCREASED MFSD2A IN THE RAT LUNG.  
AC Cohen, R Gage, T Benally, H Wang, J Cox, A Maschek and LJoss-Moore, Salt Lake City, UT. University of Utah Health  
Abstract 267

8:30  ATTENUATED GLUCOSE-STIMULATED INSULIN SECRETION FOLLOWING A 90-MINUTE IGF-1 INFUSION INTO FETAL SHEEP DOES NOT PERSIST IN ISOLATED ISLETS.  
A White, J Stremming, LD Brown and PRozance, Aurora, CO. University of Colorado (WSPR Mead Johnson Nutrition Junior Faculty Award) (WSPR)  
Abstract 268

8:45  THE EFFECT OF NITRIC OXIDE ON IRON-HANDLING PATHWAYS IN THE PLACENTA.  
P Principe, G Mukosera, N Gray-Hutto, C Gheorghe and A Blood, Loma Linda, CA. Loma
9:00  ELEVATED TRIGLYCERIDE CONCENTRATIONS IN UMBILICAL CORD PLASMA FROM HUMAN INTRAUTERINE GROWTH RESTRICTED PREGNANCIES CORRELATE WITH ULTRASOUND MARKERS OF POOR FETAL WELLBEING.
SS Chassen, K Zemski-Berry, S Raymond-Whish, C Driver-Rigdon, J Hobbins and T Powell, Aurora, CO. University of Colorado (WSPR Abbott Nutrition Subspecialty Award Winner)

9:15  EFFECTS OF CHRONIC HIGH ALTITUDE HYPOXIA DURING GESTATION ON MITOCHONDRIAL OXYGEN CONSUMPTION RATES IN PULMONARY ARTERIES FROM FETAL AND NEWBORN SHEEP.
SF Hanson, ST Murray, S Wilson, L Zhang and A Blood, Loma Linda, CA. Loma Linda University School of Medicine (WSPR Prolacta Bioscience Graduate Student Research Travel Award)

9:30  University of Colorado Fred Battaglia State-of-The-Art Speaker
THE EFFECTS OF MATERNAL INFLAMMATION ON FETAL INTESTINAL DEVELOPMENT AND WHY THAT MAY PREDISPOSE TO NECROTIZING ENTEROCOLITIS.
Steven J McElroy, UC Davis Health

10:00 am – 10:15 am BREAK

Surgery III
Conductor's Room
Subhas Gupta, Presiding

8:00  URINE SODIUM TO URINE CREATININE RATIO AS A MARKER OF TOTAL BODY SODIUM IN INFANTS WITH INTESTINAL FAILURE.
S Choi, L Casey, S Albersheim, R Van Oerle, MA Irvine and HG Piper, Vancouver, BC, Canada; Burnaby, BC, Canada. The University of British Columbia Faculty of Medicine

8:15  IDENTIFYING NONADHERENCE IN LIVER TRANSPLANT CANDIDATES USING SELF-REPORTED QUALITY OF LIFE.
J Nichols, P Vutien, S Biggins, A Dick, S McCandlish, K Bambha, J Reyes and JD Perkins, Seattle, WA. University of Washington School of Medicine Clinical and Bio-Analytics Transplant Laboratory, University of Washington (WSMRF)

8:30  LAMINECTOMY OR FUSION FOR INTRADURAL EXTRAMEDULLARY TUMORS?
K Mo, H Al Farii and S Lee, Pomona, CA; Baltimore, MD. Western University of Health Sciences Johns Hopkins University
8:45  TIME EFFICIENCY AND PERFORMANCE OF DISPOSABLE VERSUS REUSABLE CYSTOSCOPES: A PROSPECTIVE, RANDOMIZED BENCHTOP COMPARISON.  
C Baas, R Chen, DR Peverini, JC Hartman, A Amasyali, JD Belle, E Baldwin and D Baldwin, Loma Linda, CA. Loma Linda University School of Medicine (WSMRF)  
Abstract 275

9:00  SELF-DETERMINATION OF APTITUDE IN SURGICAL SPECIALITES.  
M Dea, Parker, CO. Rocky Vista University College of Osteopathic Medicine (WSMRF)  
Abstract 276

9:15  LEADERSHIP AND COMMUNICATION IMPROVEMENTS IN ORTHOPEDIC SURGERY OPERATING ROOM TIME-OUT HUDDLES.  
F Qureshi, S Singh, A Ramprasad, P Patel, D Derylo, M Mardelli and R Khan, Kansas City, MO; Chicago, IL. University of Missouri Kansas City (WAFMR)  
Abstract 277

9:30  IDIOPATHIC GRANULOMATOUS MASTITIS: PRESENT UNDERSTANDING AND FUTURE DIRECTIONS.  
Z Chavez and B Nguyen, Los Angeles, CA. University of Southern California Keck School of Medicine  
Abstract 278

9:45  COMPARING THE MORPHOMETRIC OUTCOMES OF OPEN AND ENDOSCOPIC SAGITTAL SYNOSTOSIS REPAIR.  
LA Chen, E Mercan, B Massenburg, A Lee, R Ellenbogen, R Hopper and C Birgfeld, Seattle, WA. University of Washington School of Medicine  
Abstract 279

10:00 am – 10:15 am BREAK
Behavior and Development I
Chapman #4 (Sunset Center)
Allison G. Dempsey, Presiding

10:15 WSPR UC Davis Robin Hansen Developmental Behavioral Pediatric State-of-The-Art Speaker
UNSTUCK AND ON TARGET: EVIDENCE-BASED INTERVENTIONS TO BUILD EXECUTIVE FUNCTIONING SKILLS.
Laura Anthony, University of Colorado Denver School of Medicine

10:45 BEHAVIORAL OUTCOMES IN INDIVIDUALS WITH FRAGILE X SYNDROME AND VARYING AUTISM SEVERITY.
Y Tak, H Biag, M Salcedo-Arellano, R Aishworiya, K Kim, S Afzal, D Hessl and RJ Hagerman, Sacramento, CA. University of California Davis School of Medicine

11:00 INVESTIGATING RELATIONS BETWEEN MATERNAL MOOD DISORDERS AND RATES OF DEVELOPMENTAL CARE PRACTICES IN THE NEONATAL INTENSIVE CARE UNIT.
M Chan Morales, E Brignoni-Pérez, VA Marchman, E Armer, R Shaw, KE Travis and M Scala, Stanford, CA. Stanford University
11:15  **THE INFLUENCE OF MATERNAL AND CHILD INTERACTIVE BEHAVIORS ON EARLY CHILD DEVELOPMENT.**  
*KN Baillie, T Emery, J Lowe and S Markee, Albuquerque, NM. University of New Mexico School of Medicine (WSPR Prolacta Bioscience Medical Student Research Travel Award)*

Abstract 282

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11:30  **THE EASY BABY: EXPLORING TEMPERAMENT PROFILES IN YOUNG CHILDREN WITH PRENATALLY IDENTIFIED SEX CHROMOSOME TRISOMIES.**  
*M Louderman, TG Thompson, R Wilson, S Davis, S Howell and N Tartaglia, Denver, CO. University of Colorado (WSPR Mead Johnson Nutrition Junior Faculty Award)*

Abstract 283

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11:45  **PERINATAL DISTRESS ASSOCIATED WITH NEONATAL CONDITIONS: ANXIETY AND DEPRESSION.**  
*DL Cooke, H Nsier, J Kelleher, J Dempsey and AG Dempsey, Aurora, CO. University of Colorado Denver School of Medicine (WSPR Abbott Nutrition Subspecialty Award Winner)*

(WSPR)

Abstract 284

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12:00  **EDUCATIONAL NEEDS OF CHILDREN WITH SEX CHROMOSOME ANEUPLOIDIES.**  
*TG Thompson, J Janusz, S Davis and N Tartaglia, Aurora, CO. University of Colorado Denver School of Medicine Children's Hospital Colorado*

Abstract 285

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12:15  **LOW SENSITIVITY OF THE AGES & STAGES QUESTIONNAIRE IN INFANTS WITH SEX CHROMOSOME TRISOMY AT 6 AND 12 MONTHS OF AGE.**  
*J Nevarez, TG Thompson, L Pyle, J Ross and N Tartaglia, Aurora, CO; Wilmington, DE. Children's Hospital Colorado (WSPR)*

Abstract 286

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| 12:00 pm – 1:30 pm | Lunch available on-site for nominal charge  
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Serving Mexican Fare                      |
| 12:30 pm – 1:30 pm | Investigator Workshop  
(This talk is aimed at Jr. faculty and fellows, students and trainees also welcome to attend) Lunch available at food truck  
*Eat before session outside)*  
How to Navigate The Career Path of a Physician-Scientist  
Speakers:  
W. Conrad Liles, *University of Washington*  
Everardo Cobos, *Kern Medical*  
Shanlee Davis, *Children's Hospital Colorado*  
Sunset Center – Green Room                |
| 1:00 pm – 1:30 pm | Coffee and Dessert Buffet                                                                 |
Diversity, Equity and Inclusion II
Promenade Lobby (Sunset Center)
Jill Kaar, Presiding

10:15 DISPARITIES IN PARENT-DOCTOR COMMUNICATION DURING THE HOSPITALIZATION OF CHILDREN WITH MEDICAL COMPLEXITY.
S Hussain, D Chin, H Nguyen-Tang and B Afghani, Orange, CA. UC Irvine School of Medicine Children's Hospital of Orange County

10:30 A CALL TO CREATE EVIDENCE-BASED, UPSTREAM PREVENTION PROGRAMS TARGETING YOUTH MENTAL HEALTH THAT ARE EQUITABLE ACROSS ETHNIC/RACIAL SUBGROUPS: ADVOCATES FOR ALL YOUTH (ALLY).
J Kaar, AE Bowen, M Pangelinan, A Dadematthews, CR Studts, S Simon and L Shomaker, Aurora, CO; Auburn, AL; Fort Collins, CO. University of Colorado Anschutz Medical Campus (WSPR)

10:45 SOCIOECONOMIC DIFFERENCES ASSOCIATED WITH CONSUMPTION OF A PLANT-BASED DIET: RESULTS FROM THE NATIONAL HEALTH AND NUTRITION EXAMINATION SURVEY.
M Gonzalgo, S Nackeeran, A Mouzannar and R Blachman, Miami, FL. University of Miami School of Medicine

11:00 BILLINGS, MONTANA LGBTQ+ HEALTHCARE ALLIES TRAINING.
T Keys, Seattle, WA. University of Washington (WSMRF)

11:15 PRESENTATION OF ERYTHEMA IN ABSCESSES FOUND IN SKIN OF COLOR.
S Bodapati, C Wong and S Weis, Pomona, CA; Fort Worth, TX. Western University of Health Sciences

11:30 DISPARITIES IN USE OF SYRINGE SERVICES PROGRAMS IN KING COUNTY, WA.
KR Salow and S Glick, Seattle, WA. University of Washington School of Medicine (WSMRF)

11:45 CHARACTERIZATION OF LEGAL ISSUES IN A NEONATAL INTENSIVE CARE UNIT.
GM Morrison, B Haynes, L Mutrie and L Gievers, Portland, OR. Oregon Health & Science
12:00 RISK FACTORS FOR MORBIDITY AND MORTALITY IN VERY LOW BIRTH WEIGHT INFANTS FROM RURAL VERSUS URBAN COMMUNITIES.
DS Ondusko, J Liu, B Hatch, J Profit and EH Carter, Portland, OR; Stanford, CA. Oregon Health & Science University,

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Sunset Center – Green Room

1:00 pm – 1:30 pm
Coffee and Dessert Buffet
Sunset Center Foyer

1:30 pm – 4:15 pm
Joint Plenary Session
WAFMR, WAP, WSCI, WSMRF, WSPR
Carmel Women’s Club

Healthcare Delivery Research II
Babcock #6 (Sunset Center)
Jorge Nieva, Presiding

10:15 SURVEYS OF CALIFORNIA FAMILY PHYSICIANS AND LOS ANGELES COUNTY PHARMACISTS: PILL PRESCRIBING AND DISPENSING PRACTICES.
I Gedestad, A Matlack, M Munnangi and A Nelson, Pomona, CA. Western University of Health Sciences

10:30 CHARACTERIZING OPIOID USER TYPES AND IDENTIFYING PRESCRIBING FACTORS CONTRIBUTING TO LONG TERM USE.
R Xu, J Bone, R Courtemanche, L Yefet, M Bucevska, M Simmonds, E Cattoni, G Lauder and D Courtemanche, Vancouver, BC, Canada; Toronto, Canada. The University of British Columbia Faculty of Medicine (WSMRF)
10:45  BARRIERS TO ACCESSING HEALTHCARE BY THE FEMALE HOMELESS POPULATION: A SURVEY OF SERVICE PROVIDERS.
A Akcam, AL Nelson and M Fraix, Pomona, CA. Western University of Health Sciences College of Osteopathic Medicine of the Pacific

Abstract 297

11:00  BARRIERS AND FACILITATORS TO PRIMARY CARE ACCESS FOR REFUGEES IN SPOKANE, WASHINGTON.
K Glover, A White and AM Cole, Seattle, WA. University of Washington School of Medicine

Abstract 298

11:15  AN ANALYSIS OF STREET MEDICINE CHIEF COMPLAINTS AND TREATMENTS FOR THE HOMELESS POPULATION OF SPOKANE, WASHINGTON.
AS Hoppe, T Kagele, B Hall and A Nichols, Spokane, WA. Washington State University

Abstract 299

11:30  TEXT MESSAGING INTERVENTION TO PROMOTE CARDIAC HEALTH AND COMBAT LONELINESS DURING SOCIAL DISTANCING.
K Uehisa, K Watson, T Horwich and M Calfon-Press, Los Angeles, CA. University of California Los Angeles

Abstract 300

11:45  RELATIONSHIP BETWEEN PHYSICAL ACTIVITY VITAL SIGN AND HEALTHCARE SYSTEM UTILIZATION.
C Lin, T Ball, VF McDonald, N Gentile and A Humbert, Seattle, WA; New Hyde Park, NY. University of Washington School of Medicine (WSMRF)

Abstract 301

12:00  THE IMPACT OF DIRECT-TO-HOME TELEMEDICINE VISITS ON PARENT, PHYSICIAN, AND THERAPIST EXPERIENCE FOR CHILDREN WITH SPECIAL HEALTHCARE NEEDS.
RD Burns, L Davidson, S Garrison, A Favila, R Dizon, JP Marcin and SC Haynes, Sacramento, CA. University of California Davis School of Medicine

Abstract 302

12:15  TELEMEDICINE AS A PREDICTOR OF POSTPARTUM FOLLOW-UP.
C Archuleta, D Coonrod and M Sutton, Phoenix, AZ. The University of Arizona College of Medicine Phoenix (WAFMR/WAP/WSCI Student Subspecialty Award Winner) (WSMRF)

Abstract 303

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Eat before session outside

1:00 pm – 1:30 pm  Coffee and Dessert Buffet
Sunset Center Foyer

1:30 pm – 4:15 pm  Joint Plenary Session
WAFMR, WAP, WSCI, WSMRF, WSPR
Carmel Women’s Club

Hematology and Oncology II
Carpenter Hall
Gino In, Presiding

10:15  COMPREHENSIVE CARE MODEL FOR SICKLE CELL DISEASE CARE AT KERN MEDICAL.
R Sharma, L Moosavi and E Cobos, Bakersfield, CA. Kern Medical Center
Abstract 304

10:30  FAMILY-CENTERED CARE: DEFINING THE NEED FOR CHILDCARE SUPPORT FOR CANCER PATIENTS FROM THE HEALTHCARE PROVIDER PERSPECTIVE.
K Preston, M MacDonald and P Ingledew, Vancouver, BC, Canada. The University of British Columbia Faculty of Medicine (WSMRF)
Abstract 305

10:45  OUTCOME OF PLANNED CHECKPOINT INHIBITOR DISCONTINUATION IN METASTATIC MELANOMA PATIENTS IN A COMMUNITY ONCOLOGY PRACTICE: A CASE SERIES.
L Perez, W Samlowski and RD Lopez-Flores, Las Vegas, NV; Reno, NV. University of Nevada Reno School of Medicine (WSMRF)
Abstract 306

11:00  A PROOF-OF-CONCEPT SEVERITY SCREENING TOOL FOR OPERATIONAL SAFETY REPORTS IN RADIATION ONCOLOGY.
P Beidler, M Nguyen, K Lybarger, J Kang and E Ford, Seattle, WA. University of Washington
Abstract 307

11:15  INVESTIGATING BARRIERS TO RADIATION ONCOLOGY TREATMENT FOR AMERICAN INDIAN AND ALASKA NATIVE PATIENTS.
**CONCURRENCE OF COCCIDIOIDOMYCOSIS AND MALIGNANCY.**
J Slaton, R Sharma, M Mistry, N Dhillon, L Moosavi, A Heidari, R Johnson, R Kuran, R Polineni and E Cobos, Bakersfield, CA. *Kern Medical Center*

**OUTCOME OF PLANNED CHECKPOINT INHIBITOR DISCONTINUATION IN METASTATIC NON-MELANOMA SOLID TUMOR PATIENTS IN A COMMUNITY ONCOLOGY PRACTICE: A CASE SERIES.**
RD Lopez-Flores, W Samlowski and L Perez, Henderson, NV; Las Vegas, NV; Reno, NV. *University of Nevada Reno School of Medicine (WSMRF)*

**NOVEL FLOW CYTOMETRY ANTIGENS TO DIFFERENTIATE FOLLICULAR LYMPHOMA AND DIFFUSE LARGE B-CELL LYMPHOMA.**
L Schwarz and J Fromm, Seattle, WA. *University of Washington School of Medicine*

**FREQUENCY OF ACUTE LEUKEMIA IN PEDIATRIC PATIENTS WITH BELL PALSY.**
CM Tanji and LG Yamamoto, Honolulu, HI. *Hawaii Pacific Health*

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10:15 3-AMINOIMIDAZO[1,2-A] PYRIDINE DERIVTIVES WITH ANTIMICROBIAL ACTIVITY AGAINST STAPHYLOCOCCUS AUREUS.
L Johar, E Bentley, D Vosburg and H Szurmant, Pomona, CA; Claremont, CA. Western University of Health Sciences College of Osteopathic Medicine of the Pacific (WSMRF)

10:30 THE ANTIBIOTIC SPECTRUM OF NOVEL METHIONYL-TRNA SYNTHETASE INHIBITORS.
CE Liston, N Molasky, A Mushtaq, JR Gillespie and F Buckner, Seattle, WA. University of Washington School of Medicine University of Washington (WSMRF)

10:45 THE WALR PROTEIN OF GRAM-POSITIVE PATHOGENS AS A TARGET FOR THE DEVELOPMENT OF NEW ANTIMICROBIALS.
L Johar, C Majdi, E Badarau, J Dessolin, Z Benfodda and H Szurmant, Pomona, CA; Nimes, France; Bordeaux, France. Western University of Health Sciences (WSMRF)

11:00 CHARACTERISTICS AND OUTCOMES OF HOSPITALIZED COVID-19 PATIENTS AND DNR.
JY Hwang, C Lee, T Nguyen, T Buck, K Mun, I Vanteru, D Baral, D Tirschwell and A Kim, Spokane, WA; Seattle, WA. Washington State University Elson S Floyd College of Medicine (WSMRF)

11:15 COVID-19, MENTAL HEALTH STATUS, AND ADHERENCE TO PUBLIC HEALTH GUIDELINES AMONG THE ELDERLY POPULATION IN UNITED STATES.
A Nguyen, K Schrode and M Shaheen, Los Angeles, CA. Charles Drew University of Medicine and Science

11:30 A COMMUNITY TRAINING PROGRAM ON CORONAVIRUS VACCINES HESITANCY FOR THE PREVENTION AND ELIMINATION OF COVID-19: A PROGRAM TO HELP ACHIEVE HERD IMMUNITY.
R Sadeghi, M Sadeghi and E McGhee, Los Angeles, CA. Charles Drew University of Medicine and Science

11:45 EFFECTS OF GEOGRAPHY, SOCIODEMOGRAPHICS AND POLITICAL LEANING ON COVID-19 CASE-FATALITY RATE IN WEST COAST STATES.
JS Gerken, D Kuivinen, D Zapata and I Zapata, Parker, CO. Rocky Vista University College of Osteopathic Medicine (WSMRF)
12:00 THERAPEUTIC ANTICOAGULATION IN HOSPITALIZED PATIENTS WITH COVID-19.
C Lee, T Nguyen, JY Hwang, T Buck, K Mun, I Vanteru, D Baral, D Tirschwell and A Kim, Spokane, WA; Seattle, WA. Washington State University Elson S Floyd College of Medicine (WSMRF)

Abstract 320

12:15 SHORT-COURSE ANTIBIOTICS FOR TREATMENT OF UNCOMPLICATED COMMUNITY ACQUIRED PNEUMONIA IN PEDIATRIC PATIENTS.
YN Manely, M Arunachalam, T Hoang, E Kang, H Lee, J Parikh, C Palomino and B Afghani, Irvine, CA; Orange, CA. UC Irvine School of Medicine

Abstract 321

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Morphogenesis and Malformations
Rehearsal Room (Sunset Center)
*Miguel del Campo and Carolina I. Galarreta Aima, Presiding*

10:15 SIN3A IS REQUIRED FOR EPIGENETIC REGULATION OF DIAPHRAGM AND LUNG DEVELOPMENT.
G Stokes and D McCulley, La Jolla, CA. University of California San Diego

Abstract 322

10:30 PATTERN OF LIMB INVOLVEMENT IN CONSTRICTION BAND SYNDROME.
A Starcevich, L Demetri, E Peterson, MC Manske and MA James, Sacramento, CA; San Francisco, CA. University of California Davis School of Medicine (WSPR Mead Johnson Nutrition Travel Award) (WSMRF)

Abstract 63
10:45  **BIALLELIC VARIANTS IN GPX4 ARE ASSOCIATED WITH A SPECTRUM OF SKELETAL ANOMALIES, HYPOTONIA, AND NEURODEGENERATION AND MAY INCREASE SUSCEPTIBILITY TO FERROPTOSIS.**  
*K Wigby, R Saneto, J Friedman, H Liu and B Stockwell, La Jolla, CA; San Diego, CA; Seattle, WA; New York, NY. University of California San Diego Rady Children's Institute for Genomic Medicine (WSPR Mead Johnson Nutrition Junior Faculty Award)*

Abstract 324

11:00  **EXPANDING THE PHENOTYPE OF PIK3C2A RELATED SYNDROME: REPORT OF TWO SIBLINGS WITH NOVEL FEATURES AND GENOTYPE.**  
*C Galarreta Aima, DR Blair and A Slavotinek, Madera, CA; San Francisco, CA. Valley Children's Hospital*

11:15  **ROHHAH MIMICKED BY A TUBB2B NOVEL VARIANT.**  
*R Garg, A Tam and J Shieh, San Francisco, CA. University of California San Francisco (WSPR)*

Abstract 326

11:30  **BARTH SYNDROME: AT THE CONFLUENCE OF CARDIOLOGY, DYSMORPHOLOGY, AND BIOCHEMICAL GENETICS.**  
*S Tahata, CG Tise, BJ Floyd and K Cusmano-Ozog, Stanford, CA. Stanford University (WSPR)*

Abstract 327

11:45  **EXPANDING THE PHENOTYPE OF SPARC-RELATED OSTEOGENESIS IMPERFECTA.**  
*B Nightingale, AJ Schildt and D Stevenson, Stanford, CA; Palo Alto, CA. Stanford University (WSPR Abbott Nutrition Subspecialty Award Winner)*

Abstract 328

12:00  **WORTH THE EFFORT: IMPROVING DISCOVERY AND CARE THROUGH A TEAM APPROACH TO AN UNUSUAL CASE OF GORLIN SYNDROME.**  
*V Taliercio, J Zhao, S Boyden, L Botto and D Viskochil, Salt Lake City, UT. University of Utah Health (WSPR Prolacta Bioscience Research Fellow Travel Award)*

Abstract 329

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| 12:00 pm – 1:30 pm | Lunch available on-site for nominal charge  
Food Truck in Sunset Center Parking Lot  
Serving Mexican Fare |
| 12:30 pm – 1:30 pm | Investigator Workshop  
Investigator Workshop  
(This talk is aimed at Jr. faculty and fellows, students and trainees also welcome to attend) Lunch available at food truck  
**Eat before session outside** |
How to Navigate The Career Path of a Physician-Scientist  
Speakers:  
W. Conrad Liles, University of Washington  
Everardo Cobos, Kern Medical  
Shanlee Davis, Children’s Hospital Colorado  
Sunset Center – Green Room

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| 1:00 pm – 1:30 pm | Coffee and Dessert Buffet  
Sunset Center Foyer |
| 1:30 pm – 4:15 pm | Joint Plenary Session  
WAFMR, WAP, WSCI, WSMRF, WSPR  
Carmel Women’s Club |

Neonatology General IV  
All Saints Church, Seccombe Hall  
_Henry Lee and Sonia Bonifacio, Presiding_

**10:15** MOTHERAL MARIJUANA USE DURING PREGNANCY AND BREASTFEEDING: ASSESSING IN-HOSPITAL OUTCOMES OF EARLY PRETERM INFANTS.  
*MA Chang, S Curtis and NL Davis, Los Angeles, CA; Baltimore, MD. University of Southern California Keck School of Medicine*

**10:30** LATE PRETERM ANTENATAL STEROID USE AND INFANT OUTCOMES IN A SINGLE CENTER.  
*MD Wahl, C McEvoy and M Go, Portland, OR. Oregon Health & Science University School of Medicine*

**10:45** THE INFLUENCE OF MATERNAL-CHILD INTERACTIONS DURING EARLY CHILD DEVELOPMENT AND THE IMPACT ON ANTERIOR CINGULATE CORTEX VOLUMES.  
*S Markee, J Phillips, D Novak and J Lowe, Albuquerque, NM. University of New Mexico Hospital*

**11:00** UCLA Vedang Londhe Memorial State-of-the-Art Speaker  
*Yalda Afshar, UCLA Health*

**11:30** LONG-TERM OUTCOMES IN TERM INFANTS EXPOSED TO DELAYED CORD CLAMPING.  
*K Tedesco, JY Massoumi, O Okolo, M Chu, S Sakhamuru, L Barton, R Cayabyab, R Ramanathan and J Keel, Los Angeles, CA. Los Angeles County University of Southern California Medical Center*
11:45  IMPACT OF MATERNAL CHRONIC ILLNESS AND PLACENTAL ABNORMALITIES ON NEONATAL OUTCOMES IN VERY LOW BIRTH WEIGHT INFANTS.
K Ramm, A Hisey, NS Nanduri, Y Shao, C Marquez, L Barton, R Ramanathan and M Biniwale, Los Angeles, CA. LAC+USC Medical Center

Abstract 334

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Nephrology and Hypertension
Green Room (Sunset Center)
*Stan C. Jordan, Presiding*

10:15  ANALYSIS OF HUMORAL AND CELLULAR IMMUNE RESPONSES TO SARS COV-2 VACCINATION (BNT162B2) IN IMMUNOCOMPROMISED RENAL ALLOGRAFT RECIPIENTS.
SC Jordan, B Shin, T Gadsden, A Vo, N Ammerman and R Zhang, Los Angeles, CA. Cedars-Sinai Medical Center

Abstract 335

10:30  LEFT VENTRICULAR HYPERTROPHY, ACTIVATION OF MAMMALIAN TARGET OF RAPAMYCIN (MTOR) AND SUPPRESSED AUTOPHAGY IN THE HEART BEFORE HYPERTENSION IN MICE WITH POLYCYSTIC KIDNEY DISEASE (PKD).
OA Oto, D Pokhrel, D Atwood and C Edelstein, Aurora, CO. University of Colorado Health *(WAP/WSCI Travel Award Winner)*

Abstract 336
### 10:45
**ANTEUTROPHIL CYTOPLASMIC AUTOANTIBODY NEGATIVE PAUCI-IMMUNE GLOMERULONEPHRITIS IN A YOUNG FEMALE WITH SYSTEMIC LUPUS.**
*S Garcia, R Jariwal, N Sekhon, P Pierre, M Sukkar, J Bhandohal, S Mishra and S Eppanapally, Bakersfield, CA. Kern Medical Center*

Abstract 337

### 11:00
**EATING DISORDERS, LAXATIVE ABUSE, URINARY TRACT INFECTION, AND NEPHROLITHIASIS: A CASE REPORT AND REVIEW OF LITERATURE.**
*H Luo and DM Vigil, Albuquerque, NM. University of New Mexico Health Sciences Center*

Abstract 338

### 11:15
**ARE RENAL SPARING PROTOCOLS SAFE AND EFFECTIVE IN LIEU OF RANDOMIZED TRIALS IN HEART TRANSPLANT?**
*J Hu, T Singer-Englar, N Patel, S Kim, M Hamilton and J Kobashigawa, Los Angeles, CA; Lebanon, OR. Western University of Health Sciences College of Osteopathic Medicine of the Pacific-Northwest (WAFMR/WAP/WSCI Student Subspecialty Award Winner)*

Abstract 339

### 11:30
**TRIPLE WHAMMY CAUSING NEPHRONOPHTHISIS AND ATYPICAL OPHTHALMOLOGIC & NEUROLOGIC MANIFESTATIONS.**
*J Froud, A Egense and SP Shankar, Sacramento, CA. UC Davis Children's Hospital*

Abstract 340

### 11:45
**EMERGING ANTICOAGULANTS FOR THE THROMBOPROPHYLAXIS OF ATRIAL FIBRILLATION IN PATIENTS WITH CHRONIC KIDNEY DISEASE.**
*K Mai, V Lu, M Vu, E Jiang, S Noh, K Chen and S Fuchs, Pomona, CA; Bronx, NY. Western University of Health Sciences*

Abstract 341

| 12:00 pm – 1:30 pm | Lunch available on-site for nominal charge  
Food Truck in Sunset Center Parking Lot  
Serving Mexican Fare |
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Everardo Cobos, *Kern Medical*  
Shanlee Davis, *Children's Hospital Colorado*  
Sunset Center – Green Room |
Neuroscience II
Studio 105 (Sunset Center)
Jerome Graber, Presiding

10:15  WHITE MATTER METABOLITE RATIOS PREDICT COGNITIVE OUTCOME IN PEDIATRIC TRAUMATIC BRAIN INJURY.
L Berger, B Bartnik-Olsen and S Ashwal, Loma Linda, CA. Loma Linda University School of Medicine

Abstract 342

10:30  METABOLIC-DRIVEN ANALYTICS OF PYRUVATE TREATMENT AFTER TBI DETECT MAJOR BENEFITS IN ANTI-OXIDANT AND ANTI-INFLAMMATORY PATHWAYS.
N Golovachev, L Siebold, J Tan, N Harris and B Bartnik-Olsen, Loma Linda, CA; Los Angeles, CA. Loma Linda University School of Medicine

Abstract 343

10:45  METHYLPREDNISOLONONE INDUCES INCREASED NEURONAL TISSUE SPARING AFTER SPINAL CORD INJURY IN A RODENT MODEL.
M Solorio, T Prasse, J Bergquist, ZZ Khaing and CP Hofstetter, Seattle, WA. University of Washington

Abstract 344

11:00  ATYPICAL PARSONAGE-TURNER SYNDROME INVOLVING CRANIAL NERVES 8, 9, 10, 11 AND THE PHRENIC NERVE.
C Munhall and K Heiland, Phoenix, AZ; Scottsdale, AZ. The University of Arizona College of Medicine Phoenix

Abstract 345

11:15  SCREEN TIME AND CHANGES TO OCULO-PHYSIOLOGICAL MEASUREMENTS.
K Inouye and P Davey, Pomona, CA. Western University of Health Sciences Western University of Health Sciences (WSMRF)

Abstract 346
Lunch available at food truck
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Surgery IV
Conductor's Room
Subhas Gupta, Presiding

10:15  TIME OF ONSET AND DIAGNOSIS OF VOICE DISORDERS IN PATIENTS WITH CHRONIC COUGH.
      JF Kim, T Murry, P Krishna, R Saab and B Crawley, Loma Linda, CA; Philadelphia, PA. Loma Linda University School of Medicine

Abstract 347

10:30  SEQUENTIAL INTRARTICULAR CORTICOSTEROID AND HYALURONIC ACID PROVIDES SIGNIFICANT KNEE OSTEOARTHRITIS SYMPTOM IMPROVEMENT.
      BS Andrew, TJ Robinson and J McGinley, Seattle, WA; Laramie, WY. University of Washington School of Medicine (WSMRF)

Abstract 348

10:45  RURAL GENERAL SURGERY CHALLENGES AND RESOURCE LIMITATIONS IN WASHINGTON STATE.
      KC Larson, V Lobova, S Lewis and AS Hoppe, Spokane, WA. Washington State University Elson S Floyd College of Medicine

Abstract 349

11:00  COMPARISON OF MULTIPORT VERSUS SINGLE PORT VIDEO ASSISTED THORACOSCOPIC SURGERY FOR PEDIATRIC PNEUMOTHORAX.
      MA Sacks, L Goodman, YS Mendez, FA Khan and A Radulescu, Loma Linda, CA. Loma Linda University Medical Center

Abstract 350

11:15  FAMILY PRESENCE IN THE OPERATING ROOM.
      SK Kamra, Z Quinonez, K Pyke-Grimm and D Char, Claremont, CA; Stanford, CA; Palo Alto, CA. Pomona College
### Abstract 351
11:30 **CASE REPORT: ANESTHESIA MUMPS FOLLOWING OPERATIVE REPAIR OF A TRAUMATIC ORTHOPEDIC INJURY.**

*H Hajeh, J Miller, M Gill and J Bhandohal, Bakersfield, CA; Miramar, FL. Kern Medical Center*

### Abstract 352
11:42 **UNUSUAL CASE OF PRIMARY SMALL BOWEL BEZOAR CAUSING INTUSSUSCEPTION.**

*MM Won, MA Sacks, RM Leigh, L Goodman, E Tagge and A Radulescu, Loma Linda, CA. Loma Linda University School of Medicine*

### Abstract 353
11:54 **COMPLEX LOWER LEFT LEG DEFORMITY CORRECTION WITH PRECICE SYSTEM: A CASE REPORT AND REVIEW OF THE LITERATURE.**

*M Porter, AE Telis and MG Johnston, Spokane, WA. Washington State University Elson S Floyd College of Medicine*

### Abstract 354
12:06 **A MASSIVE PHYLLODES TUMOR OF THE BREAST.**

*F Moshtagh Sisan and J Davis, Pomona, CA; Colton, CA. Western University of Health Sciences*

### Abstract 355
12:18 **ROLE FOR SERIAL PET-CT SCANS IN FOLLOW-UP OF HPV-ASSOCIATED HEAD AND NECK CANCERS.**

*C Munhall, K Heiland and J Newell, Phoenix, AZ; Scottsdale, AZ. The University of Arizona College of Medicine Phoenix*

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*Sunset Center – Green Room* |
| 1:00 pm – 1:30 pm | Coffee and Dessert Buffet |
JOINT PLENARY SESSION
1:00-1:30 PM - Coffee and Dessert Buffet
   In Sunset Center Lobby

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 21, 2022
1:30 PM – 4:00 PM

Laura Brown, Fred Buckner, and Melanie Cree-Green, Presiding

1:30  WAP-WSCI MAYO SOLEY AWARD
Presenter: Kristen Nadeau, Children's Hospital Colorado
Recipient: Jane E. Reusch, University of Colorado School of Medicine

1:45  EDWIN E. OSGOOD AWARD
UPDATED CLINICAL NODAL STAGING SYSTEM FOR P16+ OROPHARYNGEAL SQUAMOUS CELL CARCINOMA ASSOCIATED WITH LOSS OF PROGNOSTIC DATA.
K Vo, C Ladbury and A Amini, Pomona, CA; Duarte, CA. Western University of Health Sciences

Abstract 357

2:00  WSPR ABBOTT NUTRITION LOWELL GLASGOW STUDENT RESEARCH AWARD
TELEMEDICINE INCREASES ACCESS TO PEDIATRIC WEIGHT MANAGEMENT AMID THE COVID-19 PANDEMIC.
K Foos, M Vallabhan, J Page-Reeves, S Negrete and A Kong, Albuquerque, NM. University of New Mexico Health Sciences Center

Abstract 358

2:15  WSPR ABBOTT NUTRITION DAVID W. SMITH AWARD
A CROSS-SECTIONAL STUDY OF THE NEUROPSYCHIATRIC PHENOTYPE OF CACNA1C-RELATED DISORDER.
RJ Levy, K Timothy, J Bernstein and S Pasca, Stanford, CA; Salt Lake City, UT. Stanford

71
2:30  WAFMR OUTSTANDING INVESTIGATOR AWARD
SYSTOLIC DYSFUNCTION AT THE TIME OF DIAGNOSIS CORRELATES WITH
AMYLOID BURDEN AND PREDICTS MORTALITY IN TRANSTHYRETIN
CARDIAC AMYLOIDOSIS.
S Bukhari, V Malayala and Z Shahid, Philadelphia, PA. Temple University (WAFMR)

2:45  WSPR ABBOTT NUTRITION YOUNG INVESTIGATOR RESEARCH AWARD
LEVERAGING DATA SCIENCE TO INFORM ADOLESCENT AND YOUNG ADULT
HEALTH GUIDELINES.
Jason Nagata, University of California, San Francisco

3:15  WSPR STANLEY WRIGHT MEMORIAL LECTURE
MEETING IRON NEEDS DURING INFANCY: AN EVOLUTIONARY
PERSPECTIVE.
Kathryn Dewey, University of California, Davis

3:45  WSPR ABBOTT NUTRITION JOSEPH ST. GEME Jr. EDUCATION AWARD
Robert Christensen, University of Utah

3:55  JOURNAL OF INVESTIGATIVE MEDICINE REPORT, Richard McCallum

4:00  ADJOURN

4:00  WSPR BUSINESS MEETING
Mariana Baserga and Laura Brown Presiding
All WSPR members invited

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| 5:15 pm – 6:15 pm   | David Rimoin Lectureship
                    | Cortical Interneurons in Development and Disease        |
                    | Jeffrey A. Golden, MD, Cedars-Sinai                     |
                    | Sunset Center – Carpenter Hall                          |
| 5:30 pm – 7:30 pm   | WAP/WSCI Council Meeting                                |
                    | (by invitation only)                                    |
                    | Cantinetta Luca - Wine Room                             |
                    | Dolores St. and Ocean Ave.                             |
| 6:00 pm – 7:00 pm   | WSPR Mead Johnson Nutrition Junior Faculty Travel      |
                    | Award Reception &                                       |
                    | Western Perinatal Club Reception                        |
                    | Open to all WSPR, AAP, and CAN Members and Guests       |
                    | Carmel Women’s Club                                     |
| 6:15 pm – 7:15 pm   | Dysmorphology Club                                      |
                    | Supported by Abbott Nutrition                           |
                    | Sunset Center – Carpenter Hall                          |
7:00 pm – 8:00 pm

Western Perinatal Club Briefing
Sponsored by Mead Johnson Nutrition
Mechanisms and consequences of Inflammation at the maternal-fetal interface
Suhas G. Kallapur, UCLA Health
Carmel Women’s Club

CONCURRENT SESSIONS
Saturday, January 22, 2022
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 and Development II……………………………………………...Chapman Room#4
Diversity, Equity and Inclusion III…………………………………………..Conductor’s Room
Endocrinology and Metabolism III………………………………………………Green Room
Genetics II ……………………………………………………………………Rehearsal Room
Healthcare Delivery Research III………………………………………………Babcock #6
Neonatology – General V………………………………………………………Carpenter Hall
Neonatology – Perinatal Biology II………………………………………………Studio 105
Pulmonary and Critical Care II…………………………………………………..Promenade Lobby

Behavior and Development II
Chapman #4 (Sunset Center)
Stephanie Takamatsu, Presiding

8:00  EFFECTS OF EXERCISE ON REALIGNING A DISRUPTED MOLECULAR CLOCK.
ET Scholten, E McCoy and EE Schmitt, Seattle, WA; Laramie, WY. University of Washington School of Medicine (WSPR Mead Johnson Nutrition Travel Award)

Abstract 361

8:15  DEVELOPMENT AND PILOT STUDY OF A BOOKLET TO SUPPORT CONVERSATIONS OF QUALITY OF LIFE AND GOALS OF CARE AMONG PARENTS EXPECTING A BABY WITH A FETAL ANOMALY.
M Coquillette, H Nsier and AG Dempsey, Aurora, CO. University of Colorado Denver School of Medicine (WSMRF)

Abstract 362

8:30  IMPACT OF HARM REDUCTION TREATMENT WITH OR WITHOUT
PHARMACOTHERAPY ON CONCURRENT SUBSTANCE USE AMONG PEOPLE EXPERIENCING HOMELESSNESS AND ALCOHOL USE DISORDER.
N Mostofi and SE Collins, Pullman, WA; Seattle, WA. University of Washington School of Medicine
Abstract 363

8:45 EXPANDING BEHAVIORAL PHENOTYPES IN SEX CHROMOSOME TRISOMY WITH PARENT REPORTED CHARACTER STRENGTHS.
TG Thompson, J Rubin and N Tartaglia, Chapel Hill, NC; Aurora, CO. University of Colorado Denver School of Medicine Children's Hospital Colorado
Abstract 364

9:00 ADVERSE CHILDHOOD EXPERIENCES (ACE) AND CO-MORBIDITIES AMONG ADULTS WITH DIABETES MELLITUS: META-ANALYSIS OF THE ASSOCIATION BETWEEN ACE AND DIABETIC DEPRESSION.
M Malwane, J Abad, M Riddle and M Thompson, Reno, NV. University of Nevada Reno (WSMRF)
Abstract 365

9:15 ADVERSE CHILDHOOD EXPERIENCES AND DIABETES IN ADULTHOOD: AN UPDATED SYSTEMATIC REVIEW AND META-ANALYSIS.
J Abad, M Malwane, M Thompson and M Riddle, Reno, NV. University of Nevada Reno (WSMRF)
Abstract 366

9:30 EATING TO HONOR YOUR BODY AND LIFE: RECIPES AND INFORMATION FOR THE BLACKFEET COMMUNITY IN MONTANA.
K Jones, Seattle, WA. University of Washington School of Medicine
Abstract 367

9:45 ASSESSMENT OF VOLUNTEER AND CAREER FIREFIGHTER FITNESS IN A RURAL SETTING.
CD Johnson, R Faulkner, M Jette, A Hall and R Duerr, Lebanon, OR. Western University of Health Sciences College of Osteopathic Medicine of the Pacific-Northwest
Abstract 368

10:00 am – 10:15 am BREAK

Diversity, Equity and Inclusion III
Conductor's Room
Ricardo Correa, Presiding

8:00 THE PRIORITY OF GENDER & RACIAL DISPARITY IN NEUROLOGY JOURNALS: A BIBLIOMETRIC ANALYSIS, 2016-2021.
S Mohammed and J Siddiqi, San Bernardino, CA; Colton, CA. California University of Science and Medicine (WSMRF)
Abstract 369
8:15  RACIAL/ETHNIC DIFFERENCES IN ACCESS TO FORMAL HOME CARE AND ITS RELATION TO COGNITION AND ACTIVITY OF DAILY LIVING FUNCTIONS.
T Layne, M Shaheen and K Schr ode, Los Angeles, CA. Charles Drew University of Medicine and Science (WAFMR)

Abstract 370

8:30  INTERVIEWING SPANISH SPEAKING PARENTS ABOUT COMMUNICATION IN THE NICU.
E Batton, L Catalan, M Freeman, C Ramos, S Hurst and K Marc-Aurele, La Jolla, CA.
University of California San Diego (AFMR Henry Christian Award)

Abstract 371

8:45  HOW IMPORTANT IS IT TO BE IN A COMMUNITY THAT REFLECTS YOUR RACIAL IDENTITY? EXPLORING THE EXPERIENCES OF BLACK, INDIGENOUS AND PEOPLE OF COLOR (BIPOC) STUDENTS IN RURAL & UNDERSERVED CLINICAL SETTINGS.
B Cedeno Betancourt Sil and T Keys, Seattle, WA. University of Washington School of Medicine

Abstract 372

9:00  THE IMPACTS OF RACE ON PREGNANCY OUTCOME IN WOMEN OF COLOR: OSTEOPATHIC MEDICAL STUDENTS' PERSPECTIVE.
I Adesina, V Liederbauer, B Novak, AL Nelson and E Guenther, Pomona, CA. Western University of Health Sciences

Abstract 373

9:15  VARYING RATES OF DISABILITY EXPOSURE REPORTED ON CORE ROTATIONS WHILE OSTEOPATHIC MEDICAL STUDENTS REPORT SUPPORT FOR FORMAL DISABILITY TRAINING.
KM Lucara, S Henderson, M Blair, AL Nelson and E Guenther, Lebanon, OR; Pomona, CA. Western University of Health Sciences College of Osteopathic Medicine of the Pacific-Northwest (WAFMR)

Abstract 374

9:30  AN ASSESSMENT OF ACCESS TO TOPICAL CALCINEURIN INHIBITORS FOR PEDIATRIC VITILIGO.
H Munzing and H Brandling-Bennett, Seattle, WA. University of Washington School of Medicine (WSMRF)

Abstract 375

9:45  TWENTY YEARS ON—HAS PATIENT-CENTERED CARE BEEN EQUALLY WELL INTEGRATED AMONG MEDICAL SPECIALTIES?
S Lim, A Khorrami and RJ Wassersug, Vancouver, BC, Canada. The University of British Columbia Faculty of Medicine (WSMRF)

Abstract 376

10:00 am – 10:15 am BREAK
Endocrinology and Metabolism III
Green Room (Sunset Center)
Meredith A. Ware, Presiding

8:00  SENSITIVITY AND SPECIFICITY OF THE MONTREAL COGNITIVE ASSESSMENT FOR DETECTING CLINICALLY SIGNIFICANT COGNITIVE IMPAIRMENT IN OLDER ADULTS WITH TYPE 1 DIABETES.
R Kudrna, J Choe, L Fonseca and N Chaytor, Spokane, WA. Washington State University Elson S Floyd College of Medicine
Abstract 377

8:15  SIDE EFFECT SYNERGISM BETWEEN METFORMIN AND GLP-1 RECEPTOR AGONISTS - AND A SOLUTION.
JM Miles, Kansas City, KS. University of Kansas Medical Center
Abstract 378

8:30  METFORMIN INDUCED LACTIC ACIDOSIS: A CASE REPORT.
P Chan, E Deemer, L Moosavi and A Heidari, Miramar, FL; Bakersfield, CA. Ross University School of Medicine (WAFMR)
Abstract 379

8:45  State-of-The-Art Speaker
LOOKING DEEPER INTO CAH WITH TECHNOLOGY.
Mimi S Kim, Children's Hospital Los Angeles

9:15  VITAMIN D STATUS AND CYSTIC FIBROSIS RELATED DIABETES: A RETROSPECTIVE CHART REVIEW.
T Gunawardana, Y Peng, M Wu, J Alvarez and V Tangpricha, Atlanta, GA. Emory University
Abstract 380

9:30  VITAMIN D, C- REACTIVE PROTEIN, AND TRIGLYCERIDE-GLUCOSE INDEX AS POTENTIAL BIOMARKERS FOR DETECTION OF DIABETIC KIDNEY DISEASE.
DS Ward, M Shaheen and K Schrode, Los Angeles, CA. Charles Drew University of Medicine and Science
Abstract 381

9:45  THE DEVELOPMENT OF FOURNIER’S GANGRENE IN A PATIENT WITH A HISTORY OF SCROTAL ABSCESS AND UNDERLYING TYPE 2 DIABETES TREATED WITH A SODIUM-GLUCOSE COTRANSPORTER-2 INHIBITOR.
S Sevilla, J McCaleb, A Alkasir and D Currie, Reno, NV. University of Nevada Reno
Abstract 382

10:00 am – 10:15 am BREAK

76
8:00  CREATING A ZEBRAFISH MODEL USING CRISPR TO MODEL PHENOTYPIC CHARACTERISTICS OF CNKSR2-RELATED DISEASE.
SL Cole, S Nishizaki, L Aki Higa, M Dennis and JJ Shen, Sacramento, CA; Davis, CA. UC Davis

Abstract 383

8:15  MATERNALLY INHERITED PTCHD1 VARIATION CAUSING NEURODEVELOPMENTAL DISORDER IN A FEMALE.
M Neu, K Bowling, G Barsh, B Korf, G Cooper and A Hurst, Huntsville, AL; Stanford, CA; Birmingham, AL. Stanford University School of Medicine

Abstract 384

8:30  CALCULATION OF BRAIN ORGANOIDS GLUCOSE CONSUMPTION. A CRITICAL FIRST STEP IN UNDERSTANDING ORGANOID METABOLISM.
L Forero, AE Lee, LM Bird, C Snethlage and A Muotri, La Jolla, CA. University of California San Diego (WSPR Prolacta Bioscience Fellow Research Travel Award)

Abstract 385

8:45  NEONATAL LETHALITY AND GENETIC MODIFIERS IN A NEW MOUSE MODEL OF NIEMANN-PICK DISEASE, TYPE C.
JL Rodriguez-Gil, DE Watkins-Chow, FM Platt and WJ Pavan, Bethesda, MD; Stanford, CA; Oxford, , United Kingdom. Stanford University School of Medicine NHGRI University of Oxford Medical Sciences Division (WSPR Abbott Nutrition Outstanding Resident Research Award)

Abstract 386

9:00  HYPERAMMONEMIA IN FIBROLAMELLAR HEPATOCARCINOMA.
A Renck, JA Morales and C Lee, Stanford, CA. Stanford University School of Medicine

Abstract 387

9:15  CHARACTERIZING DECIDUAL AND FETOPLACENTAL GENE EXPRESSION IN PREGNANCY RELATED BULK RNA SEQUENCING DATA.
LA Chen, A Rajput, G Huynh, S Nair, S Lapehn and A Paquette, Seattle, WA. University of Washington School of Medicine

Abstract 388

9:30  WSPR Prolacta Bioscience Genetics State of the Art Speaker GENETICS: FLYING AWAY WITH THE ANSWER: A MODEL TO UNRAVEL THE CHROMOSOME 5Q35 MICRODUPLICATION SYNDROME.
Fabiola Quintero-Rivera, University of California Irvine School of Medicine

10:00 am – 10:15 am BREAK
8:00 EVALUATION OF THE EFFICACY OF UNIVERSITY OF NEVADA, RENO SCHOOL OF MEDICINE’S PRE-MATRICULATION PROGRAM, MEDICAL FIRST-YEAR INTENSIVE TRANSITION.
A Wybrecht, E Etter and B Janes, Reno, NV. University of Nevada Reno School of Medicine
Abstract 389

8:15 ANALYSIS OF ATTITUDES ON SOCIAL MEDIA TOWARDS INTIMATE PARTNER VIOLENCE SCREENING.
A Cheng, J Lai, AL Nelson and M Fraix, Pomona, CA; Los Angeles, CA. Western University of Health Sciences
Abstract 390

8:30 THE QUALITY OF YOUTUBE VIDEOS ON RADIOThERAPY AND PROSTATECTOMY FOR PROSTATE CANCER.
N Wong and P Ingledew, St. George, Grenada; Vancouver, BC, Canada. St.George's University School of Medicine
Abstract 391

8:45 WHY ARE SOME PARENTS AGAINST OR UNSURE ABOUT VACCINATING THEIR CHILDREN AGAINST COVID-19?
M Berra, M Kung, K He and B Afghani, Irvine, CA; Los Angeles, CA; Orange, CA. University of California Irvine Children's Hospital of Orange County
Abstract 392

9:00 STRATEGIES TO IMPROVE ALCOHOL USE DISORDER POST-DISCHARGE TREATMENT ENGAGEMENT IN MCCALL, IDAHO.
N Massey, Seattle, WA. University of Washington School of Medicine (WSMRF)
Abstract 393

9:15 SUPPORT FOR PEOPLE WITH DEMENTIA AND THEIR CAREGIVERS IN RAVALLI COUNTY, MONTANA USING AN ASSET-BASED APPROACH.
JM Starke, Seattle, WA. University of Washington School of Medicine
Abstract 394

9:30 IMPROVING OUTREACH FOR UNHOUSED INDIVIDUALS EXPERIENCING OPIOID DEPENDENCE IN SHORELINE, WASHINGTON.
AN Phan, Seattle, WA. University of Washington
Abstract 395

9:45 AN ANALYSIS OF ORAL HISTORIES: EXPERIENCES OF NON-PHYSICIAN HEALTHCARE WORKERS DURING THE COVID-19 PANDEMIC IN PORT TOWNSEND, WASHINGTON.
K Sexton, Seattle, WA. University of Washington School of Medicine
Abstract 396

10:00 am – 10:15 am BREAK
8:00 IMPROVING SCREENING, DIAGNOSIS, AND, MANAGEMENT OF TRANSIENT HYPOGLYCEMIA IN A LEVEL III NEONATAL INTENSIVE CARE UNIT.
W Hulse, K Schulte, V Eickelkamp-Marron, H Redder, B Chan, J Davidson, C Torr, T DuPont and P Grubb, Salt Lake City, UT. University of Utah Health

8:15 INVESTIGATING RELATIONS BETWEEN THE NICU SPEECH ENVIRONMENT AND WEIGHT GAIN IN INFANTS BORN VERY PRETERM.
M Chan Morales, K Kumar, VA Marchman, M Scala and KE Travis, Stanford, CA. Stanford University

8:30 LIMITED ENGLISH PROFICIENCY AND HISPANIC VERY LOW BIRTHWEIGHT INFANT HEALTH OUTCOMES.
J Feister, P Kan and H Lee, Palo Alto, CA; Stanford, CA. Lucile Salter Packard Children's Hospital at Stanford (WSPR)

8:45 BONE QUALITY ASSESSMENT IN PRETERM INFANTS.
A Tarrell, S Malone Jenkins, M Grinsell and B Yoder, Salt Lake City, UT. University of Utah Health Hospitals and Clinics

9:00 FACTORS ASSOCIATED WITH ABNORMAL BRAIN MAGNETIC RESONANCE IMAGING IN VERY LOW BIRTHWEIGHT INFANTS.
NS Nanduri, A Hisey, C Marquez, L Barton, M Biniwale and R Ramanathan, Los Angeles, CA. Keck Hospital of USC

9:15 USE OF ELECTRONIC TEXT MESSAGING OF NRP PRINCIPLES TO PEDIATRIC TRAINEES & IMPACT ON RETENTION.
F Eskandar-Afshari, MP Martes Gomez, S Liu, K Tedesco, AM Yeh, R Ramanathan and M Biniwale, LA, CA. LAC+USC Medical Center

9:30 COMPARISON OF PROCALCITONIN AND HIGH SENSITIVITY C-REACTIVE PROTEIN AS SCREENING TESTS IN NEONATES FOR EARLY ONSET SEPSIS AND LATE ONSET SEPSIS.
A Vachhani, A Chambliss, M Durand, R Ramanathan and R CAYABYAB, Los Angeles, CA. LAC+USC Medical Center, Keck School of Medicine of USC

10:00 am – 10:15 am BREAK
8:00  MULTIOMICS LONGITUDINAL MODELING OF PREECLAMPTIC PREGNANCIES.
    I Maric, K Contrepois, M Moufarrej, IS Stelzer, D Feyaerts, X Han, A Tang, RJ Wong, GL Darmstadt, VD Winn, GM Shaw, DA Relman, SR Quake, MS Angst, M Snyder, DK Stevenson, B Gaudilliere and N Aghaeepour, Stanford, CA; San Francisco, CA. Stanford University School of Medicine

8:15  DISCOVERY AND VERIFICATION OF EXTRACELLULAR MIRNA BIOMARKERS FOR NON-INVASIVE PREDICTION OF PREECLAMPSIA IN ASYMPTOMATIC WOMEN.
    N Do, La Jolla, CA. University of California San Diego

8:30  BREASTFEEDING DIFFICULTY INCREASES DEPRESSIVE SYMPTOMS AND IMPAIRS MATERNAL-INFANT BONDING: A CONTENT ANALYSIS OF MATERNAL BREASTFEEDING NARRATIVES.
    EA Wright, A Mehta, AL Nelson, H Stohl and M Economidis, Pomona, CA; Torrance, CA. Western University of Health Sciences College of Osteopathic Medicine of the Pacific

8:45  MULTIOMICS MODELING OF PRETERM BIRTH IN LOW- AND MIDDLE-INCOME COUNTRIES.
    I Maric, DK Stevenson and N Aghaeepour, Stanford, CA. Stanford University School of Medicine

9:00  EARLY PREDICTION OF GESTATIONAL DIABETES MELLITUS BY IN-VIVO MAGNETIC RESONANCE IMAGING.
    B Lee, K Sung, C Janzen, S Vangala and SU Devskar, Los Angeles, CA. University of California Los Angeles (WSPR Mead Johnson Nutrition Travel Award)

9:15  WSPR Prolacta Bioscience Perinatal Biology State of the Art Speaker
    GENOME-WIDE APPROACHES TO DECIPHER LUNG MACROPHAGE HETEROGENEITY: IMPLICATIONS FOR HEALTH AND DISEASE.
    Eniko Sajti, University of California San Diego

10:00 am – 10:15 am BREAK
Case Reports II
Promenade Lobby (Sunset Center)
W. Conrad Liles, Presiding

10:15 PERIANAL PSEUDOVERRUCOUS PAPULES AND NODULES PRESENTING AS SUSPECTED CHILD ABUSE.
JP Wang and K Shea, Los Angeles, CA. LAC+USC Medical Center/USC

10:30 LATE PRETERM INFANT WITH POSTNATAL DIAGNOSIS OF RENAL TUBULAR DYSGENESIS.
S Gaffar, P Arora and R Ramanathan, Los Angeles, CA. Los Angeles County University of Southern California Medical Center

10:45 A RARE CASE OF COFFIN-SIRIS SYNDROME CAUSED BY SOX4 MUTATION WITH NEW PHENOTYPIC FEATURES.
AE Lee, J Friedman, J Lenberg and K Wigby, San Diego, CA; La Jolla, CA. Rady Children's Hospital San Diego University of California San Diego, Rady Children's Institute for Genomic Medicine

11:00 PERITONEAL TUBERCULOSIS MIMICKING OVARIAN CANCER.
A Cox, C D'Assumpcao, A Froush, A Heidari and AA Ramzan, Bakersfield, CA; Miramar, FL. Ross University School of Medicine

11:15 CLOSTRIDIUM PARAPUTRIFICUM IN 46-YEAR-OLD MALE WITH LIVER
DISEASE.
C D’Assumpcao, K Dao and A Heidari, Bakersfield, CA; Miramar, FL. Kern Medical Center
Abstract 413

11:30 THE NEUROSYPHILIS AND COCCIDIOIDOMYCOSIS CONUNDRUM.
J Nguyen, VE Espinoza, A Shah, G Black, K Radicic, R Kuran and A Heidari, Bakersfield, CA. Kern Medical Center
Abstract 414

11:45 A CASE OF RAOULETTELLA PLANTICOLA BACTEREMIA IN AN IMMUNOCOMPROMISED MALE.
A Garcia, J Oberndorf, J Tsai, N Mangat, A Heidari, S Mishra and K Radicic, Miramar, FL; Cupecoy, Sint Maarten (Dutch part); Bakersfield, CA. Ross University School of Medicine
Abstract 415

Healthcare Delivery Research IV
Babcock #6 (Sunset Center)
Jorge Nieva, Presiding

10:15 APPLICATION OF EXPLAINABLE MACHINE LEARNING IN ANALYZING SAFETY AND QUALITY REPORTS FROM A CLINICAL UNIT.
M Nguyen, P Beidler, J Kang, K Lybarger and E Ford, Seattle, WA. University of Washington (WSMRF)
Abstract 416

10:30 DIAGNOSIS OF BRAIN AND BONE CANCERS USING BIOMEDICAL IMAGING AND ARTIFICIAL INTELLIGENCE APPLICATIONS.
KH Miao and JH Miao, New York, NY. NYU School of Medicine Cornell University (WAP/WSCI Travel Award Winner) (WAFMR)
Abstract 417

10:45 DIAGNOSING MELANOMA AND METASTASES USING DEEP NEURAL NETWORKS, ARTIFICIAL INTELLIGENCE, AND MEDICAL IMAGING.
JH Miao, New York, NY. Cornell University (WAFMR)
Abstract 418

11:00 FINANCIAL ASSESSMENT OF A HYBRID HUMAN AND ARTIFICIAL INTELLIGENCE WORKFLOW FOR FOLLOW-UP RECOMMENDATIONS FROM RADIOLOGY.
B Roth, R Kampalath, K Nakashima, S Shieh, T Bui and R Houshyar, Irvine, CA. University of California Irvine
Abstract 419

11:15 SYSTEM DYNAMICS MODELING AS AN INTERVENTION PLANNING TOOL TO PROMOTE INSTITUTIONAL DELIVERY: LEARNING FROM WEST CHAMPARAN IN BIHAR, INDIA.
C Lee, V Ward, S Abdalla, KM Mehta, S Carmichael, M Singh, S Das, K Ranjan, S Sonthalia, T Mahapatra and GL Darmstadt, Kristiansand, Norway; Stanford, CA; San Francisco, CA;
11:30 GENDER, TELEMEDICINE, AND COVID-19: PREFERENCES FOR UTILIZING CARE AMONGST DIVERSE, LOW-INCOME HOUSING AUTHORITY RESIDENTS.  
I Pasumarthi, T Hollar, N Alety, E Solano, M Edman and G Ochoa, Fort Lauderdale, FL; Washington, Nova Southeastern University

11:45 A REVIEW OF THE LEVEL OF EVIDENCE IN POINT OF CARE ULTRASOUND WITHIN THE PICU.  
A Walls, A Willyerd and E Su, Phoenix, AZ; Houston, TX. Phoenix Children's Hospital

Hematology and Oncology III  
Green Room (Sunset Center)  
Everardo Cobos, Presiding

10:15 SICKLE CELL PAIN CRISIS COMPLICATED BY OPIOID INDUCED HYPERALGESIA, TREATED WITH LOW DOSE KETAMINE INFUSION.  
F Venter, R Dunn, J Bhandohal, S Mishra and E Cobos, Bakersfield, CA. Kern Medical Center

10:30 IMMUNE THROMBOCYTOPENIA FOLLOWING COVID-19 VACCINE.  
S Prasad, M Adebayo, R Jariwal, G Petersen and E Cobos, Bakersfield, CA. Kern Medical Center

10:45 CASE SERIES OF DIFFUSE LARGE B CELL LYMPHOMA PRESENTING AS PELVIC MASS.  
R Sharma, A Heidari, E Cobos, G Petersen, AA Ramzan and R Polineni, Bakersfield, CA. Kern Medical Center

11:00 EXTRAMEDULLARY MYELOMA OF LIVER MASQUERADING AS GALLBLADDER CARCINOMA.  
S Kolagatla, F Smith, M Julapelly, J Piercy and N Moka, Lexington, KY; Flint, MI. Appalachian Regional Healthcare

11:15 SUPERIOR VENA CAVA SYNDROME SECONDARY TO ADULT T-CELL LYMPHOBLASTIC LYMPHOMA.  
Z Alsadek, O Morgan, V Bustamante, S Mishra and K Radicic, Bakersfield, CA. Kern Medical Center

11:30 VINBLASTINE INDUCED PARALYTIC ILEUS IN A YOUNG FEMALE WITH HODGKIN LYMPHOMA.  
G Malolot, P Chan, H Aboaid, N Raza and R Polineni, Miramar, FL; Bakersfield, CA. Ross
11:45 CARCINOSARCOMA OF DUODENUM AND PANCREAS SUCCESSFULLY TREATED BY WHIPPLE'S PROCEDURE.
P Chan, G Malolot, N Raza and R Polineni, Miramar, FL; Bakersfield, CA. Ross University School of Medicine (WAFMR)

Immunology and Rheumatology II
Conductor's Room
Katharine Moore, Presiding

10:15 B-CELL INTERFERON-β CORRELATES WITH LUPUS NEPHRITIS IN SYSTEMIC LUPUS ERYTHEMATOSUS.
FK Aldurabi, H Fatima, W Chatham, H Hsu and J Mountz, Birmingham, AL. The University of Alabama at Birmingham VA Clinic Birmingham (AFMR Henry Christian Award) (WAFMR)

10:30 IDENTIFICATION OF MESENTERIC LYMPH NODE COMMENSALS INVOLVED IN NEONATAL CD4 T CELL ACTIVATION.
RE Temme, J Schwensen, M Shenoy and M Koch, Seattle, WA. University of Washington School of Medicine

10:45 RHEUMATOID ARTHRITIS AMONG MINERS IN NEW MEXICO, UTAH, AND COLORADO.
P Blanc, L Trupin, G Schmajuk and E Yelin, San Francisco, CA. University of California San Francisco (WSCl)

11:00 LIPOSOMAL FORMULATION OF REDUCED GLUTATHIONE DECREASES BACTERIAL LOAD AND ALTERS THE IMMUNE RESPONSE IN MYCOBACTERIUM TUBERCULOSIS INFECTION.
N Kachour, A Beever, J Owens, R Cao, A Kalloli, R Kumar, K Sasaninia, C Vaughn, M Singh, E Truong, C Khatchadourian, C Sisliyan, K Zakery, W Khamas, S Subbian and V Venketaraman, Pomona, CA; Newark, NJ. Western University of Health Sciences College of Osteopathic Medicine of the Pacific

11:15 CREATION AND ANALYSIS OF A TRANSITION PROCESS AND TRANSFER REGISTRY: A COLLABORATIVE EFFORT OF PEDIATRIC AND ADULT RHEUMATOLOGISTS.
A Freifeld, KD Nowicki, I Pan, J Zell and K Moore, Aurora, CO; Denver, CO. University of Colorado Denver (WAP/WSCI Travel Award Winner)
11:30  *State-of-the-Art Speaker*

**TRANSITION OF CARE IN RHEUMATOLOGY: A JOINT EFFORT.**

*Katharine Moore, University of Colorado Hospital, Children's Hospital Colorado*

Neonatology General VI  
Carpenter Hall  
Rowena Cayabyab and Anup Katheria, Presiding

10:15 **CORRELATION OF MATERNAL AND CORD BLOOD SARS-COV-2 IMMUNOGLOBULIN LEVELS IN COVID-19 DURING PREGNANCY.**  
*G Rojas, M Aslam and C Uy, Irvine, CA. University of California Irvine*

Abstract 435

10:30 **THE IMPACT OF CORONAVIRUS DISEASE 2019 ON PREGNANCY AND INFANT CHARACTERISTICS IN NEW MEXICO.**  
*T Emery, KN Baillie, J Maxwell and H Ko, Albuquerque, NM. University of New Mexico School of Medicine*

Abstract 436

10:45 **DEBRIEFING PERFORMANCE IN A SIMULATION-BASED TRAINING PROGRAM IN NEONATAL RESUSCITATION: SIMULATING SUCCESS.**  
*BN Lieu, H Lee, M Bennett and K Padua, Stanford, CA. Stanford California Perinatal Quality Care Collaborative (WSPR Prolacta Bioscience Undergraduate Research Travel Award)*

Abstract 437

11:00 **TIME TO POSITIVITY IN BLOOD CULTURES IN A LEVEL IV NICU.**  
*Y Nishihara, C MacBrayne, A Prinzi, J Zenge, T Grover and S Parker, Aurora, CO; Denver, CO. Children’s Hospital Colorado*

Abstract 438

11:15 **MATERNAL AND PERIPARTUM RISK FACTORS THAT AFFECT C-REACTIVE PROTEIN AND PROCALCITONIN IN NON-INFECTED NEWBORNS DURING THE FIRST 72 HOURS OF LIFE.**  
*A Vachhani, A Chambliss, M Durand, R Ramanathan and R Cayabyab, Los Angeles, CA. LAC+USC Medical Center, Keck School of Medicine of USC*

Abstract 439

11:30 **EXPERIENCE WITH PARENTAL LEAVE DURING PEDIATRIC FELLOWSHIP: THE FELLOW PERSPECTIVE.**  
*N Dyess, B Weikel, J Barker, T Garrington and TA Parker, Aurora, CO. University of Colorado Denver School of Medicine (WSPR)*

Abstract 440

11:45 **SHORT AND LONG TERM OUTCOMES IN LATE PRETERM INFANTS EXPOSED TO DELAYED CORD CLAMPING COMPARED TO IMMEDIATE CORD CLAMPING.**  
*O Okolo, JY Massoumi, K Tedesco, M Chu, S Sakhamuru, L Barton, R Ramanathan and R*
Neonatology Pulmonary III
Rehearsal Room (Sunset Center)
Sandra L. Leibel, Presiding

10:15 WSPR Chiesi Neonatal Pulmonary State-of-the-Art Speaker
DAMAGE CONTROL: TARGETING NF-KAPPA B TRANSCRIPTIONAL SELECTIVITY TO FINE TUNE THE PERINATAL INNATE IMMUNE RESPONSE.
Clyde J. Wright, University of Colorado Hospital, Children's Hospital Colorado

10:45 HIGHER WEIGHT FOR LENGTH IS ASSOCIATED WITH INCREASED SEVERITY IN BRONCHOPULMONARY DYSPLASIA IN PRETERM INFANTS.
R Kalikkot, K Harvey, KC Hart and P Alur, Jackson, MS. The University of Mississippi Medical Center

11:00 NOVEL APPLICATION OF NEONATAL POINT-OF-CARE ULTRASOUND: ULTRASOUND-GUIDED LESS INVASIVE SURFACTANT ADMINISTRATION.
J Velasquez, R Ramanathan and A Yeh, LA, CA. LAC+USC Medical Center

11:15 IS EARLY LIFE ACETAMINOPHEN EXPOSURE RELATED TO AN INCREASED RISK OF BPD?
S McKenna, CJ Wright, L Sherlock, D Riebel And E Jensen, Aurora, CO; Philadelphia, PA. University of Colorado - Anschutz Medical Campus

11:30 PREDICTORS AND OUTCOMES OF LATE-PRETERM NEONATES NEEDING RESPIRATORY SUPPORT IN THE DELIVERY ROOM.
A Filkins, FB Wertheimer, R Ramanathan and M Biniwale, Los Angeles, CA. Los Angeles County University of Southern California Medical Center (WSMRF)

11:45 SURVEY OF CONTINUOUS POSITIVE AIRWAY PRESSURE (CPAP) PRACTICES AMONG NEONATAL PROVIDERS IN THE UNITED STATES.
R Mamidi, K MacDonald, M Go and C McEvoy, Portland, OR. Oregon Health & Science University

Neuroscience III
Studio 105 (Sunset Center)
Jerome Graber, Presiding

10:15 INTRADISCAL CONCENTRATED BONE MARROW ASPIRATE INJECTIONS REDUCE PAIN IN PATIENTS WITH LUMBAR DEGENERATIVE DISC DISEASE.
NM Davies, GB Foremny, J Hawley, J Galloway and J McGinley, Casper, WY; Seattle, WA; Moscow, ID. University of Washington School of Medicine University of Idaho
10:30 CHOROID THICKNESS AND VASCULARITY AS A BIOMARKER TO ASSESS AGE RELATED MACULAR DEGENERATION.  
*S Lee and RK Wang, Anchorage, WA; Seattle, WA. University of Washington*

10:45 A CLOUD-BASED PIPELINE TO PROCESS VERY PRETERM INFANT DIFFUSION MRI AND AUTOMATED FIBER QUANTIFICATION TRACTOGRAPHY.  
*LE Rickerich, D Sproul, L Bruckert, G Lerma-Usabiaga, SE Dubner and KE Travis, Stanford, CA. Stanford University*

11:00 ASSESSING CONCUSSION EDUCATION IN ALLOPATHIC MEDICAL AND PHYSICAL THERAPY PROGRAMS.  
*EA Tango, W Cheung, L McKay, T Alskey and D Baron, Pomona, CA; Tucson, AZ. Western University of Health Sciences Western University of Health Sciences College of Osteopathic Medicine of the Pacific (WSMRF)*

11:15 ACUTE MONOCULAR VISUAL LOSS AFTER SINUS SURGERY.  
*P Parikh and OM Dumitrascu, Scottsdale, AZ. Mayo Clinic Arizona*
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<td>Maralyssa Bann</td>
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<tr>
<td>University of Washington</td>
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<tr>
<td>School of Medicine</td>
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<tr>
<td>Jorge Nieva</td>
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<tr>
<td>University of Southern</td>
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<td>California</td>
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