

2017 WESTERN MEDICAL RESEARCH CONFERENCE (WMRC)
(formerly Western Regional Meeting)

PROGRAM AT-A-GLANCE
Carmel, California

January 26-28, 2017

TIME	ACTIVITY & LOCATION
	THURSDAY, JANUARY 26, 2017
8:00 am – 5:00 pm	Registration <i>Sunset Center – Entry Lobby</i>
8:00 am – 5:00 pm	Speaker Ready Room <i>Sunset Center</i>
9:30 am – 11:15 am	WAP Symposium <i>Studio 105</i>
9:30 am – 12:00 pm	WSPR Council Meeting <i>Sunset Center – Bingham #3</i>
11:15 am – 11:30 am	WAP Business Meeting <i>Studio 105</i>
11:15 am – 12:15 pm	How to Choose a Residency with a Research Focus Dr. Whipple Bring own lunch – Open to all students <i>Sunset Center – Chapman #4</i>
11:15 am – 12:15 pm	New Investigator Workshops <i>(Intended for Fellows and Jr. Faculty – Additional charge of \$10 and lunch will be provided)</i> How to Publish: Tips from a Journal Editor Michael McPhaul Chief Editor, <i>Journal of Investigative Medicine</i> <i>Sunset Center – Green Room</i>
12:45 pm – 3:00 pm	Concurrent Sessions <i>Sunset Center</i> Adolescent Medicine and General Pediatrics I – <i>Carpenter Hall</i> Cardiovascular I – <i>Promenade Lobby</i> Endocrinology and Metabolism I – <i>Bingham #3</i> Health Care Research I – <i>Babcock #6</i> Immunology and Rheumatology I – <i>Chapman #4</i> Infectious Diseases I – <i>Conductor’s Room</i> Neonatal Pulmonary I – <i>Rehearsal Room</i> Neonatology General I – <i>Studio 105</i> Surgery I – <i>Green Room</i>
3:00 pm – 3:15 pm	Break

3:15 pm – 5:45 pm	<p style="text-align: center;">Concurrent Sessions <i>Sunset Center</i></p> <p>Cardiovascular II – <i>Promenade Lobby</i> Community Health I – <i>Carpenter Hall</i> Global Health I – <i>Conductor’s Room</i> Hematology and Oncology I – <i>Green Room</i> Neonatal Pulmonary II – <i>Rehearsal Room</i> Neonatology General II – <i>Babcock #6</i> Neuroscience I – <i>Chapman #4</i> Pulmonary and Critical Care I – <i>Studio 105</i> Surgery II – <i>Bingham Room #3</i></p>
6:00 pm – 7:30 pm	<p style="text-align: center;">Welcome Reception and Poster Session <i>Jointly sponsored by</i></p> <p style="text-align: center;">WAFMR, WAP, WSCI, WSMRF, and WSPR All welcome and encouraged to attend (Shuttle provided from Sunset Center) <i>Carmel Mission Inn – Carmelo Ballroom</i> 3665 Rio Road, Carmel, CA 93923</p>
7:00 pm – 9:00 pm	<p style="text-align: center;">Abbott Nutrition WSPR Reception Open to all WSPR members, trainees, and guests <i>Poseidon Room, La Playa Hotel</i></p>
7:00 pm – 9:00 pm	<p style="text-align: center;">WAP Council Meeting <i>(by invitation only)</i> Location????</p>
7:00 pm – 9:00 pm	<p style="text-align: center;">WAFMR Business Meeting <i>(by invitation only)</i> <i>Forge in the Forest</i></p>
FRIDAY, JANUARY 27, 2017	
8:00 am – 5:00 pm	<p style="text-align: center;">Registration <i>Sunset Center – Entry Lobby</i></p>
8:00 am – 5:00 pm	<p style="text-align: center;">Speaker Ready Room <i>Sunset Center</i></p>
8:00 am – 10:00 am	<p style="text-align: center;">Concurrent Sessions <i>Sunset Center</i></p> <p>Adolescent Medicine and General Pediatrics II – <i>Studio 105</i> Cardiovascular III – <i>Promenade Lobby</i> Endocrinology and Metabolism II – <i>Bingham #3</i> Gastroenterology – <i>Babcock #6</i> Genetics – <i>Rehearsal Room</i> Neonatal Pulmonary III – <i>Carpenter Hall</i> Neonatology General III – <i>All Saints Church, Seccombe Hall</i> Neonatology – Perinatal Biology I – <i>Chapman #4</i> Surgery III – <i>Conductor’s Room</i></p>
10:00 am – 10:15 am	<p style="text-align: center;">Break</p>
10:15 am – 12:30 pm	<p style="text-align: center;">Concurrent Sessions <i>Sunset Center</i></p>
10:15 am - 12:00 pm	<p>Behavior and Development I - <i>Chapman #4</i></p>

<p>10:15 am – 12:00 pm</p>	<p>Global Health II – <i>Promenade Lobby</i> Health Care Research II – <i>Babcock #6</i> Hematology and Oncology II – <i>Carpenter Hall</i> Infectious Diseases II – <i>Bingham Room #3</i> Morphogenesis and Malformations – <i>Rehearsal Room</i> Neonatology General IV – <i>All Saints Church, Seccombe Hall</i> Nephrology and Hypertension – <i>Green Room</i> Neuroscience II – <i>Studio 105</i> Surgery IV – <i>Conductor’s Room</i></p>
<p>12:30 pm – 1:30 pm</p>	<p>How to Choose a Residency with a Research Focus Dr. Whipple Bring own lunch – Open to all students <i>Sunset Center – Chapman #4</i></p>
<p>12:30 pm – 1:30 pm</p>	<p>Investigator Workshop <i>(Intended for Fellows and Jr. Faculty)</i> <i>(Additional charge of \$10 and lunch will be provided)</i> How to Get Funded: Tips from a Study Section Member Amir Goldkorn, USC Keck School of Medicine <i>Sunset Center – Green Room</i></p>
<p>1:00 pm – 5:30 pm</p>	<p>California Thoracic Society Meeting <i>Quail Lodge</i></p>
<p>1:30 pm – 5:00 pm</p>	<p>Joint Plenary Session WAFMR, WSCI, WAP, and WSPR <i>Sunset Center – Theater</i> WSCI Outstanding Investigator Award WSPR Abbott Nutrition David W. Smith Pediatric Trainee Research Award WSPR Abbott Nutrition Lowell Glasgow Student Research Award WSPR Abbott Nutrition Young Investigator Research Award E.E. Osgood Award WAFMR Outstanding Investigator Award WSPR Stanley Wright Lecture WAP Distinguished Lecture Mayo Soley Award Presentation</p>
<p>5:00 pm – 5:30 pm</p>	<p>WSCI Society Business Meetings <i>Sunset Center – Theater</i></p>
<p>5:00 pm – 5:30 pm</p>	<p>WSPR Business Meeting <i>Sunset Center – Theater</i></p>
<p>5:15 pm – 7:15 pm</p>	<p>Genetics and Morphology Club Include Lectureship per Dave Viskochil <i>Sunset Center – Rehearsal Room</i></p>
<p>6:00 pm – 7:00 pm</p>	<p>WSPR Mead Johnson Nutrition Junior Faculty Travel Award Reception and the Western Perinatal Club Reception <i>Open to all WSPR, AAP, and CAN Members and Guests</i> <i>LaPlaya Hotel</i></p>
<p>7:00 pm – 8:00 pm</p>	<p>Western Perinatal Club Briefing <i>Sponsored by the Perinatal Sections of AAP Districts VIII and IX, and</i></p>

	<i>Neonatal Section District VIII, the CAN, and Mead Johnson Nutrition LaPlaya Hotel</i>
6:00 pm – 8:00 pm	University of Washington Reception All UW faculty, fellows, residents and students invited <i>Mission Ranch - 26270 Dolores Street</i>
	SATURDAY, JANUARY 28, 2017
8:00 am – 12:00 pm	Speaker Ready Room <i>Sunset Center</i>
8:00 am – 10:00 am	Registration <i>Sunset Center – Entry Lobby</i>
8:00 am – 10:00 am	Concurrent Sessions <i>Sunset Center</i> Adolescent Medicine and General Pediatrics III – <i>Rehearsal Room</i> Behavior and Development II – <i>Chapman #4</i> Case Reports – <i>Bingham Room #3</i> Community Health II – <i>Conductor’s Room</i> General Internal Medicine and Aging – <i>Babcock #6</i> Neonatology General V – <i>Carpenter Hall</i> Neonatology Perinatal Biology II – <i>Studio 105</i> Pulmonary and Critical Care II – <i>Promenade Lobby</i>
10:00 am – 10:15 am	Break
10:15 am – 12:00 pm	Concurrent Sessions <i>Sunset Center</i> Health Care Research III – <i>Babcock #6</i> Hematology and Oncology III – <i>Green Room</i> Immunology and Rheumatology II – <i>Conductor’s Room</i> Neonatology General VI – <i>Carpenter Hall</i> Neuroscience III – <i>Chapman #4</i>
12:15 pm – 2:00 pm	Society Officers Planning Meeting <i>(by invitation only)</i> <i>Sunset Center - Bingham Room #3</i>
1:30 pm – 5:30 pm	California Thoracic Society Meeting <i>Quail Lodge</i>

CME CERTIFICATION

This Live activity, 2017 Western Regional Meeting, with a beginning date of January 26, 2017, has been reviewed and is acceptable for up to **21.50** Prescribed credits by the American Academy of Family Physicians. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

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

An Electronic Credit Request/Evaluation Survey Will Be Emailed To You After The Program. This electronic survey will allow you to provide your evaluation of this educational

activity in addition to requesting AMA PRA, Prescribed credit earned must be reported as Prescribed, not as Category 1.

You will receive the link and instructions in your **Email Inbox on Monday, January 30, 2017**. If you do not receive your link to the evaluation in your email inbox, please contact us at admin@afmr.org. Original certificates for this conference may be claimed until **February 28, 2017**. Duplicate certificates are available at any time.

We would also like to thank the following for reviewing the abstracts and to the Lead Reviewer's for organizing the sessions:

Margaret Adams	Laurel Desnick	Jessie Maxwell
Kathleen Angkustsiri	Katrina Dipple	Luisa Mestroni
Steve Arnsworth	Ravi Durvasula	Philippe Montgrain
Jorge Artaza	Josephine Enciso	Jorge Nieva
Maralyssa Bann	Erika Fernandez	Kristen Nowak
Jennifer Barton	Camille Fung	Lance Prince
Michel Baudry	Peter Ganz	Lee Pu
Arlin Blood	David Gilbert	Kalani Raphael
Yvette Bordelon	Joshua Goldhaber	Ann Reynolds
Laura Brown	Melanie Green	Robert Ross
Fred Buckner	Subhas Gupta	Paul Rozance
Marie-Francois Chesselet	John Inadomi	Eniko Sajti
Michel Chonchol	Vipul Jain	Michael Schivo
Alison Chu	Lauren Jantze	Michael Spinelli
Keith Colburn	Alberta Kong	Nicole Tartaglia
Lloyd Damon	Henry Lee	Kristina Utzschneider
Samrat Das	Kristina Lee	Dave Viskochil
Lukejohn Day	Juan Lessing	Meghaan Walsh
Kevin Deane	W. Conrad Liles	Margaret Wheeler
Miguel del Campo	Cherry Mammen	Clyde Wright
Thomas Deloughery	Melanie Manning	

2017 WESTERN MEDICAL RESEARCH CONFERENCE AWARD WINNERS

Norah Alsaleh, Stanford University	<i>WSPR Mead Johnson Travel Award Winner</i>
Ali Ammar, UCLA Kern Medical	<i>WAFMR/WAP Outstanding Resident Award Winner</i>
Toshio Aoki, University of Utah	<i>Abbott Subspecialty Award Winner</i>
Cody Arnold, UTHealth McGovern Medical School	<i>Mead Johnson Junior Faculty Travel Awardee</i>
Madhurima Baliga, University of Colorado School of Medicine	<i>Abbott Subspecialty Award Winner</i>
Alyson Banegas, University of New Mexico	<i>WSPR Mead Johnson Travel Award Winner</i>
Wubishet Belay, Loma Linda University School of Medicine	<i>WSCI Travel Award Winner</i>
Sarah Bernards, University of Washington	<i>E.E. Osgood Award Winner</i>
Navin Bhopal, LAC+USC Medical Center & Children's Hospital Los Angeles, University of Southern California	<i>WSPR Mead Johnson Travel Award Winner</i>
Julie Boiko, University of California, San Francisco	<i>WSCI Travel Award Winner</i>
Sydney Bowen, University of Utah	<i>WSPR Abbott Nutrition Lowell Glasgow Student Research Award Winner</i>
Carmen Chan, David Geffen School of Medicine at UCLA	<i>WAFMR/WAP Student Subspecialty Award Winner</i>
Stephanie Chassen, University of Colorado	<i>WSPR Mead Johnson Travel Award Winner</i>
Edward Chiou, University of Washington	<i>WAFMR/WAP Student Subspecialty Award Winner</i>
Elizabeth Cristiano, University of Kansas	<i>WSCI Travel Award Winner</i>
Jennifer Darnell, Western University of Health Sciences	<i>Abbott Subspecialty Award Winner</i>
Miguel del Campo, University of California, San Diego	<i>WSPR Mead Johnson Travel Award Winner</i>
Mark Ehrhart, University of New Mexico Health Sciences Center	<i>WAFMR/WAP Student Subspecialty Award Winner</i>
Zachary Fitzgerald, University of Washington	<i>WAFMR/WAP Student Subspecialty Award Winner</i>
Kazumichi Fujioka, Stanford University School of Medicine	<i>WSCI Travel Award Winner</i>
Carolina Galarreta Aima, University of California San Diego	<i>WSPR Outstanding Resident Award Winner</i>
Sarah Gunby, University of Washington	<i>WAFMR/WAP Student Subspecialty Award Winner</i>
Eutiquio Gutierrez, College of Osteopathic Medicine of the Pacific	<i>WAFMR/WAP Student Subspecialty Award Winner</i>
Hilary Haber, University of California, Davis	<i>Abbott Subspecialty Award Winner</i>
Marwa Hakimi, University of California, Davis	<i>WAFMR/WAP Student Subspecialty Award Winner</i>

Spencer Harris, University of Washington	<i>Abbott Subspecialty Award Winner</i>
Femke Horn, Loma Linda University School of Medicine	<i>WAFMR/WAP Student Subspecialty Award Winner</i>
Ariana Kamaliazad, University of Washington School of Medicine	<i>WAFMR/WAP Student Subspecialty Award Winner</i>
Kalpashri Kesavan, University of California	<i>Mead Johnson Junior Faculty Travel Awardee</i>
Nicholas Kolaitis, University of California, San Francisco	<i>California Thoracic Society Scholar Winner</i>
Jessie Maxwell, University of New Mexico	<i>Mead Johnson Junior Faculty Travel Awardee</i>
Gordon McLaren, University of California, Irvine	<i>WSCI Travel Award Winner</i>
Catherine Milner, University of New Mexico	<i>WSPR Mead Johnson Travel Award Winner</i>
Katharine Moore, Children's Hospital Colorado	<i>Mead Johnson Junior Faculty Travel Awardee</i>
Danielle Peterson, University of Washington	<i>WAFMR/WAP Student Subspecialty Award Winner</i>
Mary Ramos, University of New Mexico	<i>WAFMR Outstanding Investigator Award Winner and Mead Johnson Junior Faculty Travel Awardee</i>
Maura Ruzhnikov, Stanford University	<i>WSPR Abbott Nutrition David W. Smith Pediatric Trainee Research Award Winner</i>
Mick'l Scadden, University of Utah	<i>Abbott Subspecialty Award Winner</i>
Anisa Shaker, Keck School of Medicine of USC	<i>WSCI Travel Award Winner</i>
Claire Simon, University of Washington School of Medicine	<i>WAFMR/WAP Student Subspecialty Award Winner</i>
Caitlin Stiglmeier, University of Utah	<i>WSCI Travel Award Winner</i>
Kristen Wigby, University of California San Diego	<i>WSPR Mead Johnson Travel Award Winner</i>
Christian Wiscombe, University of Utah	<i>Abbott Subspecialty Award Winner</i>
Tai-Wei Wu, Children's Hospital Los Angeles, University of Southern California Keck School of Medicine	<i>Mead Johnson Junior Faculty Travel Awardee</i>
Jin Yang, Loma Linda University School of Medicine	<i>WAFMR/WAP Student Subspecialty Award Winner</i>

SPECIALTY CLUB ANNOUNCEMENTS

Friday, January 27, 2017

GENETICS AND MORPHOLOGY CLUB

5:15 PM – 7:15 PM

Rehearsal Room – Sunset Center

Genetic Unknowns and Rare Knowns

Include Lectureship per Dave Viskochil

Contact person: Joseph Shieh, and Jon Bernstein

WESTERN PERINATAL CLUB

Sponsored by the Perinatal Sections of AAP Districts VIII and IX

and

The California Association of Neonatologists

LaPlaya Carmel Hotel

6:00 PM

**WSPR Mead Johnson Nutrition Junior Faculty Travel Award Reception and the
Western Perinatal Club Reception**

6:30 - 7:30 PM

Perinatal Briefing

"BUGS, BIRTHS, AND BABIES."

Featured Speaker: David K. Stevenson, Stanford University

Supported by Mead Johnson Nutrition

WESTERN ASSOCIATION OF PHYSICIANS

Thursday, January 26, 2017

9:30 AM – 11:15 AM

Sunset Center – Studio 105

W. Conrad Liles and Ravi Durvasula, Presiding

9:30 CARMEL RESEARCH PRIZE WINNER

TALK TITLE

Clyde Wright, University of Colorado

10:00 CARMEL RESEARCH PRIZE WINNER

BACTERIAL SOCIALITY, *PSEUDOMONAS AERUGINOSA*, AND CYSTIC FIBROSIS.

Ajai Dandekar, University of Washington

10:30 INVITED SPEAKER

DEVELOPMENT OF A NEW THERAPEUTIC APPROACH FOR THE TREATMENT OF ARDS AND SEPSIS: MESENCHYMAL STROMAL (STEM) CELL THERAPY

Michael Matthay, University of California, San Francisco

11:15 ADJOURN

11:15 WAP BUSINESS MEETING

INVESTIGATOR WORKSHOP

Thursday, January 26, 2017

11:15 AM – 12:15 PM

The American Federation for Medical Research and the Tri-Societies are pleased to sponsor a workshop for *Fellows and Junior Faculty*. *Additional charge of \$10 and lunch will be provided.*

HOW TO PUBLISH: TIPS FROM A JOURNAL EDITOR

Michael McPhaul

Chief Editor, Journal of Investigative Medicine

Sunset Center – Green Room

11:15 AM – 12:15 PM

HOW TO CHOOSE A RESIDENCY WITH A RESEARCH FOCUS

Dr. Whipple

Bring own lunch - Open to all students

CONCURRENT SESSIONS

**Thursday, January 26, 2017
12:45 PM – 3:00 PM**

Jointly sponsored by

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

**Adolescent Medicine and General Pediatrics ICarpenter Hall
Cardiovascular I.....Promenade Lobby
Endocrinology and Metabolism I.....Bingham #3
Health Care Research I.....Babcock #6
Immunology and Rheumatology I.....Chapman #4
Infectious Diseases I.....Conductor’s Room
Neonatal Pulmonary I.....Rehearsal Room
Neonatology – General I.....Studio 105
Surgery I –.....Green Room**

Adolescent Medicine and General Pediatrics I
Carpenter Hall
Cherry Mammen and Amy Staples, Presiding

**12:45 SOCIAL PARTICIPATION AMONG YOUTH WITH PHYSICAL DISABILITIES
TRANSITIONING TO ADULTHOOD.**
*H Stevens and E Meyers, Seattle, WA. University of Washington School of Medicine
(WSMRF) Abstract 1*

**1:00 ASSESSMENT OF PROVIDER GUIDANCE AND PARENTAL KNOWLEDGE
AND ATTITUDE REGARDING CHILD PASSENGER SAFETY.**
*A Crisp, American Canyon, CA. University of California San Francisco, Fresno
Abstract 2*

**1:15 DOES EARLY ORTHOPEDIC CONSULTATION IN UNCOMPLICATED
ACUTE HEMATOGENOUS OSTEOMYELITIS DECREASE LENGTH OF STAY
IN THE PEDIATRIC POPULATION?**
*M Ruiz Cangco and J Limon, Fresno, CA. University of California San Francisco, Fresno
Abstract 3*

1:30 *State-of-the-Art Speaker*
THE VALUE OF CLINICAL PATHWAYS IN PEDIATRIC MEDICINE.

2:00 SEX AND WEIGHT STATUS ARE ASSOCIATED WITH BASELINE DISORDERED EATING BEHAVIORS IN NEW MEXICO ADOLESCENTS.

A Banegas, EY Jimenez, H Nguyen, D Menchaca and A Kong, Albuquerque, NM. University of New Mexico (WSPR Mead Johnson Travel Award Winner)

Abstract 4

2:15 METABOLIC, CARDIOVASCULAR, AND BEHAVIORAL FACTORS ASSOCIATED WITH ORAL HEALTH IN URBAN AMERICAN INDIAN AND CAUCASIAN YOUTH.

K Boschert, G Coe, H Tyrrell, S Campbell, T Batliner, L Johnson, P Wadwa, E Morrato, J Albino and KJ Nadeau, Leawood, KS and Aurora, CO. University of Missouri

Abstract 5

2:30 EXCESSIVE SLEEPINESS IN A TEENAGER.

K Cushmanick and H Agarwal, Albuquerque, NM. University of New Mexico

Abstract 6

Break – 3:00-3:15 pm

Cardiovascular I

Promenade Lobby (Sunset Center)

Robert Ross, Presiding

12:45 REAL-TIME CLASSIFICATION OF ECG RHYTHM DURING RESUSCITATION: IMPLICATIONS FOR TREATMENT OR PROGNOSIS?

J Doan, J Blackwood, J Coult, L Sherman, P Kudenchuk, H Kwok and T Rea, Seattle, WA. University of Washington School of Medicine (WSMRF)

Abstract 7

1:00 INDICATIONS FOR LATE PRETERM AND EARLY TERM BIRTH IN NEONATES WITH COMPLEX CONGENITAL HEART DISEASE.

W Belay, S Davis, J Gates, AO Hopper and D GOFF, Loma Linda, CA. Loma Linda university (WSCI Travel Award Winner)

Abstract 8

1:15 OUTCOMES FOR TRANSTHYRETIN AMYLOID PATIENTS > 70 YEARS OF AGE WHO UNDERGO HEART TRANSPLANTATION.

T Aintablian, R Sharoff, J Kwan, R Levine, M Hamilton and J Kobashigawa, Los Angeles, CA. Cedars-Sinai Medical Center

Abstract 9

1:30 LONG-TERM OUTCOME OF RENAL SPARING PROTOCOL AFTER HEART TRANSPLANTATION: IS IT VIABLE?

OJ Ding, T Aintablian, R Levine, M Hamilton and J Kobashigawa, Los Angeles, CA. Cedars-Sinai Medical Center

Abstract 10

1:45 THE RELIABILITY AND PREDICTABILITY OF THE NEW ISHLT PGD GRADING SCALE IN HEART TRANSPLANTATION.

R Levine, J Kwan, G Esmailian, T Aintablian, M Hamilton and J Kobashigawa, Los Angeles, CA. Cedars-Sinai Medical Center

Abstract 11

2:00 THE SAFETY AND EFFICACY OF TACROLIMUS/PROLIFERATION SIGNAL INHIBITOR (PSI) VS CYCLOSPORINE/PSI AFTER HEART TRANSPLANTATION.

K Nishihara, T Aintablian, R Levine, M Hamilton and J Kobashigawa, Los Angeles, CA. Cedars-Sinai Medical Center

Abstract 12

2:15 LARGE NATIVE MITRAL VALVE THROMBUS.

S Howell, Sacramento, CA. University of California Davis

Abstract 13

2:30 COMPARISON OF OUTCOMES AND COSTS FOR PROTEIN LOSING ENTEROPATHY FOLLOWING SINGLE VENTRICLE PALLIATION FOR RIGHT AND LEFT VENTRICLE MORPHOLOGY.

SA Moses, M Seckeler, BJ Barber and MH Witte, Tucson, AZ. University of Arizona

Abstract 14

2:45 EXTRACORPOREAL MEMBRANE OXYGENATION (ECMO) TO MECHANICAL CIRCULATORY SUPPORT (MCS) AS A BRIDGE TO TRANSPLANTATION: LIFE SAVING.

M Hashimoto, T Aintablian, R Levine, R Sharoff, M Hamilton and J Kobashigawa, Los Angeles, CA. Cedars-Sinai Medical Center

Abstract 15

Break – 3:00-3:15 pm

Endocrinology and Metabolism I

Bingham Room #3 (Sunset Center)

Melanie Green and Kristina Utzschneider, Presiding

12:45 CUSHING SYNDROME: A RARE AND DEADLY CASE.

R Manalo, M Desai and A Sharma, Fresno, CA; San Francisco, CA and Madera, CA. University of California San Francisco, Fresno

Abstract 16

1:00 RECURRENT HYPERPARATHYROIDISM IN A PATIENT WITH MEN 1 AFTER MULTIPLE PARATHYROIDECTOMIES AND REMOVAL OF PARATHYROID IMPLANT.

S Brar, P Kapsner and C Lovato, Albuquerque, NM. University of New Mexico HSC

Abstract 17

1:15 LOW-DOSE ANDROGEN SUPPLEMENTATION POSITIVELY EFFECTS BODY FAT PERCENTAGE IN BOYS WITH KLINEFELTER SYNDROME.
S Davis, M Cox-Martin, K Kowal, P Zeitler and J Ross, Denver, CO and Philadelphia, PA. University of Colorado (WSPR)

Abstract 18

1:30 METABOLIC EFFECTS OF ANDROGEN-ASSOCIATED BODY MASS IN KLINEFELTER SYNDROME.
MD Ehrhart, I Guthrie, F Qeadan and MR Burge, Albuquerque, NM. University of New Mexico Health Sciences Center (WAFMR/WAP Student Subspecialty Award Winner)

Abstract 19

1:45 DETERMINING IF THERE IS AN ASSOCIATION BETWEEN CLINICAL MEASURES AND THE NUMBER OF SEVERE CO-MORBIDITIES IN PATIENTS WITH TYPE 2 DIABETES.
AT Mohammad, F Dong, A Dupre, M Nwaokoro, C Ochoa, E Barnes and A Pumerantz, Pomona, CA. Western University of Health Sciences, College of Osteopathic Medicine of the Pacific

Abstract 20

2:00 REPROMETABOLIC SYNDROME MEDIATES SUBFERTILITY IN OBESITY.
SA Black, A Malkhasyan, A Bradford, IE Schauer and N Santoro, Denver, CO. University of Colorado School of Medicine (WSMRF)

Abstract 21

2:15 ADENINE DOSE STUDY MODELING CHRONIC KIDNEY DISEASE FOR ONE MONTH IN OLDER MALE AND FEMALE BALB/C MICE.
K Crane, W Schroeder, R Clark and K King, Aurora, CO. University of Colorado School of Medicine (WSMRF)

Abstract 22

Break – 3:00-3:15 pm

Health Care Research I

Babcock #6 (Sunset Center)

Maralyssa Bann, Presiding

12:45 GLYCATED HEMOGLOBIN BY POINT-OF-CARE ANALYZERS: COMPARING RESULTS FROM TWO PORTABLE DEVICES VERSUS HOSPITAL LABORATORY RESULTS.
K Pentek, S Isaacs, LW Raymond, E Farabee, M Manning, A Harris and D Roy, Charlotte, NC. Carolinas HealthCare System

Abstract 23

1:00 HOW CLINICIANS ANTICIPATE/PERCEIVE THE IMPACT OF WHOLE GENOME SEQUENCING ON ICU CARE CHOICES.
D Char, M Cho and D Magnus, Stanford, CA. Stanford

Abstract 24

- 1:15 MULTIDISCIPLINARY CLEFT PALATE PROGRAM AT BC CHILDREN'S HOSPITAL: ARE WE MEETING THE STANDARDS OF CARE?**
A Dahiya, R Courtemanche and D Courtemanche, Vancouver, BC, Canada. University of British Columbia (WSMRF)
Abstract 25
- 1:30 EFFECT OF SYSTEM CHANGES ON NEONATAL OUTCOMES IN A NEWBORN UNIT IN RURAL KENYA.**
A Ithondeka, H Githura, O Ombiro and B Fassl, Salt Lake City, UT and Naivasha, Kenya. Naivasha Sub-County Hospital
Abstract 26
- 1:45 IMPROVING THE EFFECTIVENESS OF A MALNUTRITION TREATMENT PROGRAM IN GUJARAT, INDIA.**
K Stowers, A Chambers, R Malhotra, A Taylor, M Patel, R Patel and B Fassl, Salt Lake City, KY. University of Utah
Abstract 27
- 2:00 THE ADVOCACY ROLE OF PHYSICIANS IN UGANDA.**
R Jinah, L Kim, J Blanco, AR Hengel, M Ajiko, M Langer and GK Blair, Mississauga, ON, Canada and Soroti, Uganda. University of British Columbia (WSMRF)
Abstract 28
- 2:15 PERCEIVED BARRIERS TO DIABETES DIETARY ADHERENCE: DIVERGENCE BETWEEN PATIENTS AND PROVIDERS.**
R Bross, L Serpas, P Genter, Y Lu, M Hix, D Campa and E Ipp, Torrance, CA and Los Angeles, CA. Harbor-UCLA Medical Center and Los Angeles Biomedical Research Institute
Abstract 29
- 2:30 BEYOND AN ACADEMIC EXERCISE: EXPANDING THE ROLE OF STUDENT HOME VISIT PROGRAMS TO EVALUATE PATIENTS' EXPERIENCE OF CARE.**
K Richards, MW Bauer, W Eidson-Ton and U Shaikh, Sacramento, CA. University of California Davis Medical Center
Abstract 30
- 2:45 STUDENT SATISFACTION AND THE VALUE OF PARTICIPATION IN A STRUCTURED MEDICAL STUDENT RESEARCH PROGRAM.**
TR Woodiwiss, M Whipple and PC Wu, Seattle, WA. University of Washington
Abstract 31

Break – 3:00-3:15 pm

Immunology and Rheumatology I

Chapman #4 (Sunset Center)

Keith Colburn and Kevin Deane, Presiding

12:45 CURRENT REGULATIONS ON THE MOST COMMON CONTACT

ALLERGEN: HOW THE UNITED STATES COMPARES TO EUROPE.

JK Parker, D Bergman, M McGowan and S Jacob, Loma Linda, CA. Loma Linda University

Abstract 32

1:00 PAINLESS OPHTHALMOPLEGIA: AN UNUSUAL PRESENTATION OF A RARE SYNDROME.

R Tucker, Clovis, CA. University of California San Francisco, Fresno

Abstract 33

1:15 EFFECT OF SUBCUTANEOUS METHOTREXATE ON DURATION OF METHOTREXATE THERAPY IN RHEUMATOID ARTHRITIS.

E Harris and B Ng, Seattle, WA. University of Washington School of Medicine (WSMRF)

Abstract 34

1:30 KIMURA'S DISEASE: CHRONIC INFLAMMATION AND CERVICAL LYMPHADENOPATHY MIMICKING LYMPHOMA IN A CHINESE MALE.

H Chahine, M Hammami, H Abukamleh, B Huynh and A Heidari, Bakersfield, CA. Kern Medical (WAFMR)

Abstract 35

1:45 ENGINEERING VIRUS-LIKE PARTICLE-BASED VACCINES FOR CHLAMYDIA TRACHOMATIS.

G Stroud, B Chackerian and K Frieze, Albuquerque, NM. University of New Mexico School of Medicine

Abstract 36

2:00 EVALUATION OF A BASOPHIL ACTIVATION FLOW CYTOMETRIC ASSAY AS AN ALTERNATIVE TO ORAL FOOD CHALLENGE FOR DETERMINING PEANUT ALLERGY.

TB Martins, DM Wilcock, R Firszt, PR Slev and HR Hill, Salt Lake City, UT. ARUP Institute for Clinical and Experimental Pathology

Abstract 37

2:15 NUP98 AND ITS ROLE IN TRANSCRIPTIONAL REGULATION OF THE TYPE I INTERFERON RESPONSE.

H Aintablian, N Schweers and KE Gustin, Phoenix, AZ. University of Arizona College of Medicine - Phoenix

Abstract 38

Break – 3:00-3:15 pm

Infectious Diseases I

Conductor's Room

Fred Buckner, David Gilbert, and Ravi Durvasula, Presiding

12:45 HEME OXYGENASE-1 DEFICIENCY INCREASES THE SEVERITY OF SEPSIS IN A PRETERM MOUSE MODEL.

K Fujioka, F Kalish, H Zhao, RJ Wong and DK Stevenson, Stanford, CA. Stanford University School of Medicine (WSCI Travel Award Winner) (WSMRF)

1:00 T CELL RESPONSE TO PRIMARY GENITAL HERPES SIMPLEX VIRUS TYPE 1 INFECTION.

*S Gunby, L Jing, M Ott, A Wald, D Koelle and C Johnston, Mercer Island, WA.
University of Washington (WAFMR/WAP Student Subspecialty Award Winner)*

Abstract 40

1:15 ENHANCED NITRIC OXIDE PRODUCTION IN MONOCYTES OF CHRONIC GRANULOMATOUS DISEASE PATIENTS WITH AND WITHOUT EXPOSURE TO INTERFERON GAMMA.

LA Miles, NH Augustine, J Hansen Rejali, KO Woodbury, TR Haven, TB Martins, B Pasi, A Kumanovics and HR Hill, Salt Lake City, UT. University of Utah

Abstract 41

1:30 FREQUENT CMV SHEDDING IN BREASTMILK IN CMV-SEROPOSITIVE HEALTHY WOMEN PERSISTS UP TO 17 WEEKS POST-PARTUM.

T Azenkot, B Zaniello, M Green, S Selke, H Meei-Li, A Magaret, A Wald and C Johnston, Sacramento, CA and Seattle, WA. UC Davis School of Medicine (WSMRF)

Abstract 42

1:45 CONGENITAL SYPHILIS PRESENTING AS FEVER IN A NEONATE.

K Cushmanick, Albuquerque, NM. University of New Mexico

Abstract 43

2:00 SEVERE GROUP G *STREPTOCOCCUS* PYOGENIC ARTHRITIS IN A 10-YEAR OLD GIRL.

K Burke and W Dehority, Albuquerque, NM. University of New Mexico

Abstract 44

2:15 ERYTHEMA SWEETOBULLOSUM; NOT VERY SWEET-LOOKING.

H Abukamleh, H Chahine, J Patel and A Heidari, VICTORVILLE, CA. kern medical

Abstract 45

2:30 BEYOND MICROCEPHALY: OTHER MANIFESTATIONS OF NEONATAL AND INFANTILE CONGENITAL ZIKA VIRUS.

J Lawicki, A Pham, M Le, K Miao, S Lee, S Kim and B Afghani, Medford, MA; Irvine, CA and Orange, CA. Tufts University (WAFMR)

Abstract 46

2:45 PULMONARY COCCIDIOIDOMYCOSIS AND TUBERCULOSIS COINFECTION.

A Heidari, A Parekh, A Munoz and G Petersen, Bakersfield, CA. Kern Medical - UCLA

Abstract 47

Break – 3:00-3:15 pm

Neonatal Pulmonary I

Rehearsal Room (Sunset Center)

Adrian Lavery and Yona Nicolau, Presiding

- 12:45 EXPOSURE TO THIRDHAND SMOKE RESULTS IN OXIDATIVE DAMAGE, INCREASED APOPTOSIS, AND ALTERED DIFFERENTIATION IN FETAL LUNG FIBROBLASTS.**
R Sakurai, *H Shen*, B Hang, S Schick, C Lee and V Rehan, Torrance, CA; San Francisco, CA and Berkeley, CA. *Harbor-UCLA Medical Center (WSMRF)*
Abstract 48
- 1:00 MATERNAL TOBACCO SMOKE EXPOSURE ALTERS MRNA LEVELS OF WNT SIGNALING GENES IN NEWBORN RAT LUNG.**
A Cox, H Wang and L Joss-Moore, Salt Lake City, UT. *University of Utah*
Abstract 49
- 1:15 IN UTERO EXPOSURE TO MATERNAL TOBACCO SMOKE ALTERS ELASTIN ALTERNATIVE SPLICING AT EXON 31 IN THE RAT LUNG.**
BA Locklear, H Wang and L Joss-Moore, Salt Lake City, UT. *University of Utah*
Abstract 50
- 1:30**
CAFFEINE BLOCKS HYPEROXIA-MEDIATED EFFECTS ON PULMONARY ENDOTHELIAL CELL PROLIFERATION AND DIFFERENTIATION.
K Gurung, *R Sakurai* and V Rehan, Torrance, CA. *Harbor-UCLA Medical Center (WSPR)*
Abstract 51
- 1:45 CARDIAC STRUCTURAL REMODELING IN FORMER CHRONICALLY VENTILATED PRETERM LAMBS.**
K Allen, O Abdullah, R Hicks, Z Wang, M Dahl, B Yoder and K Albertine, Salt Lake City, UT. *University of Utah (WSMRF)*
Abstract 52
- 2:00 ANTENATAL PPAR-GAMMA AGONIST PIOGLITAZONE STIMULATES FETAL LUNG MATURATION EQUALLY IN MALES AND FEMALES.**
C Lee, R Sakurai, H Shen and V Rehan, Torrance, CA. *Harbor-UCLA Medical Center (WSPR)*
Abstract 53
- 2:15 EXTRAUTERINE GROWTH RESTRICTION DECREASES SERUM DHA IN MALE RATS AND LUNG PPAR γ PROTEIN IN MALE AND FEMALE RATS.**
C Bantilan, J Zhao, H Wang, CR Ballard and L Joss-Moore, Salt Lake City, UT. *University of Utah (WSPR)*
Abstract 54
- 2:30 ACUTE VEGF AND CONNEXIN43 UPREGULATION IN RAT LUNG AND BRAIN FOLLOWING CHORIOAMNIONITIS.**
T Yellowhair, J Maxwell and L Jantzie, Albuquerque, NM. *University of New Mexico*

2:45 HGMB1: POTENTIAL MEDIATOR OF PERINATAL SENSITIVITY TO INFLAMMATORY STRESS.

S McKenna, B Butler, L Jatana and CJ Wright, Aurora, CO. University of Colorado

Abstract 56

Break – 3:00-3:15 pm

Neonatology General I

Studio 105 (Sunset Center)

Kara L. Calkins and Amy Kimball, Presiding

12:45 IDENTIFICATION OF RISK FOR NEONATAL HEMOLYSIS: A MULTI-CENTER STUDY.

VK Bhutani, ME Castillo Cuadrado, DL Schutzman, JL Aby, DL Bogen, RD Christensen, JF Watchko, M Maisels, RJ Wong and DK Stevenson, Stanford, CA; Philadelphia, PA; Salt Lake City, UT; Pittsburgh, PA and Royal Oak, MI. Stanford University School of Medicine

Abstract 57

1:00 SIX YEAR DEVELOPMENTAL ASSESSMENT OF FORMER PRETERM INFANTS TREATED WITH ERYTHROPOIESIS STIMULATING AGENTS.

CC Milner, J Lowe, D Cannon, J Phillips, A Caprihan, S Wiedmeier, S Patel, M Steffen, R Yeo, R Campbell, S Baker, S Gonzales and RK Ohls, Albuquerque, NM and Salt Lake City, UT. University of New Mexico (WSPR Mead Johnson Travel Award Winner)

Abstract 58

1:15 CREATING REFERENCE INTERVALS FOR THE IMMATURE PLATELET FRACTION IN NEONATES AND USING THIS PARAMETER TO CATEGORIZE NEONATAL THROMBOCYTOPENIAS.

B MacQueen, RD Christensen, ER Henry and A Romrell, Salt Lake City, UT. University of Utah

Abstract 59

1:30 DEFINING THE IRON STATUS AT BIRTH OF INFANTS AT RISK FOR IRON DEFICIENCY.

B MacQueen, RD Christensen, D Ward, S Bennett, E O'Brien, M Sheffield, V Baer, G Snow, K Weaver Lewis, R Fleming and J Kaplan, Salt Lake City, UT; Murray, UT; Ogden, UT and St. Louis, MO. University of Utah

Abstract 60

1:45 REVERSAL OF INTRACEREBRAL TEMPERATURE GRADIENT IN NEONATAL HYPOXIC-ISCHEMIC ENCEPHALOPATHY DURING AND AFTER WHOLE-BODY THERAPEUTIC HYPOTHERMIA.

T Wu, A Reitman, J Wisnowski, E Ho, C McLean, S Bluml and P Friedlich, Los Angeles, CA and Los Angeles, CO. Children's Hospital Los Angeles (Mead Johnson Junior Faculty Travel Awardee)

Abstract 61

2:00 RESOURCE UTILIZATION PATTERNS OF NEONATES WITH HYPOXIC-

ISCHEMIC ENCEPHALOPATHY IN CHILDREN'S HOSPITALS AND NON-CHILDREN'S HOSPITALS IN THE UNITED STATES FROM 1997-2012.

C Liu, A Song, A Lakshmanan, E Ho and T Wu, Los Angeles, CA. Children's Hospital Los Angeles and LAC+USC Medical Center

Abstract 62

2:15 NEONATAL SEPSIS DUE TO RESPIRATORY SHIGELLA INFECTION.

E Black, Y Fenik and M Haight, Fresno, CA. University of California San Francisco: Fresno

Abstract 63

2:30 QUALITY INITIATIVE TO ACHIEVE OPTIMAL THERAPEUTIC HYPOTHERMIA DURING TRANSPORT FOR INFANTS WITH NEONATAL ENCEPHALOPATHY.

SL Bourque, S Meier, T Grover and C Delaney, Denver, CO. University of Colorado (WSPR)

Abstract 64

2:45 VULNERABILITIES AND OUTCOMES OF LATE PRETERM INFANTS MANAGED BY PROTOCOL.

EM Hubbard, LM Stellwagen, M Leff and J Johnson-Rolfes, San Diego, CA. UC San Diego School of Medicine

Abstract 65

Break – 3:00-3:15 pm

Surgery I

Green Room (Sunset Center)

Subhas Gupta and Steve Arnsworth, Presiding

12:45 PLATELET-RICH PLASMA AND STROMAL VASCULAR FRACTION FROM AUTOLOGOUS FAT: A NEW COMBINATION THERAPY FOR OSTEOARTHRITIS.

PE Giddings, I Campwala and S Gupta, Berrien Springs, MI. Loma Linda University

Abstract 66

1:00 LIVING AT HIGHER ALTITUDES INCREASES THE RISK OF SURGICAL COMPLICATIONS AFTER BREAST RECONSTRUCTION SURGERY.

D Gonzalez and S Gupta, Loma Linda, CA. Loma Linda University

Abstract 67

1:15 A COMPARATIVE ANALYSIS OF SURGICAL WOUND INFECTION METHODS: INADEQUACIES OF CDC CLASSIFICATIONS IN BREAST RECONSTRUCTION.

K Unsell, I Campwala, I Galdyn and S Gupta, Loma Linda, CA. Loma Linda University Medical Center

Abstract 68

1:30 LIGHTS, CAMERA, SIMULATION: USING SIMULATION AND MULTIMEDIA

**TO IMPROVE THE LEARNING EXPERIENCE OF MEDICAL CLERKS
DURING SURGERY ROTATIONS.**

*N Au, A Min, S Butterworth, GK Blair, B Fashola and D Duffy, Vancouver, BC, Canada.
University of British Columbia*

Abstract 69

**1:45 PERIOPERATIVE SAFETY OF UNINTERRUPTED THERAPEUTIC
WARFARIN ANTICOAGULATION FOR PRIMARY TOTAL HIP AND KNEE
ARTHROPLASTY.**

*J Kowitz and D Scott, Spokane, WA. University of Washington School of Medicine
(WSMRF)*

Abstract 70

**2:00 DO ADOLESCENTS WITH GYNECOMASTIA NEED TO BE EVALUATED BY
ENDOCRINOLOGY PREOPERATIVELY?**

*AK Malhotra, S Amed, M Bucevska, K Bush and J Arneja, Vancouver, BC, Canada. BC
Children's Hospital*

Abstract 71

**2:15 INTERMEDIATE-TERM OUTCOMES OF PULMONARY VALVE
REPLACEMENT IN THE MODERN ERA: COMPARISON OF TWO
THERAPIES, SURGICAL PULMONARY VALVE REPLACEMENT VERSUS
TRANSCATHETER PULMONARY VALVE REPLACEMENT.**

*A Bhattacharjee, L Bailey, B Gordon, M Kuhn, B Jabo, N Hasaniya, J Newcomb and A
Razzouk, Loma Linda, CA. Loma Linda University*

Abstract 72

**2:30 THE IMPACT OF THE AFFORDABLE CARE ACT AFTER SIX YEARS:
DECREASING REVENUE IN PLASTIC SURGERY DESPITE INCREASED
RATES OF INSURED PATIENTS.**

*I Campwala and S Gupta, Loma Linda, CA. Loma Linda University Medical Center
(WSMRF)*

Abstract 73

**2:45 DISTINCT RISK FACTORS FOR SUPERFICIAL VERSUS ORGAN-SPACE
SURGICAL SITE INFECTIONS AFTER PANCREAS SURGERY.**

*CK Chan, I Elliott, T Russell, A Dann, J Williams, L Damato, H Chung, M Girgis, O
Hines, H Reber and T Donahue, Los Angeles, CA. David Geffen School of Medicine at
UCLA (WAFMR/WAP Student Subspecialty Award Winner)*

Abstract 74

Break – 3:00-3:15 pm

CONCURRENT SESSIONS

**Thursday, January 26, 2017
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
Community Health I.....	Carpenter Hall
Global Health I.....	Conductor's Room
Hematology and Oncology I.....	Green Room
Neonatal Pulmonary II.....	Rehearsal Room
Neonatology General II.....	Babcock Room #6
Neuroscience I.....	Chapman #4
Pulmonary and Critical Care I.....	Studio 105
Surgery I.....	Bingham Room #3

Cardiovascular II

Promenade Lobby (Sunset Center)

Peter Ganz and Luisa Mestroni, Presiding

3:15 ETIOLOGY OF SUDDEN CARDIAC ARREST AND DEATH IN COMPETITIVE ATHLETES IN THE UNITED STATES: A 2-YEAR PROSPECTIVE STUDY.
DF Peterson, D Siebert, K Kucera, L Cox Thomas, K Harmon and J Drezner, Seattle, WA and Chapel Hill, NC. University of Washington (WAFMR/WAP Student Subspecialty Award Winner)

Abstract 75

3:30 ACCURACY OF ELECTRONIC HEALTH RECORDS TO IDENTIFY CARDIOVASCULAR DISEASE IN WOMEN VETERANS: A QUALITY IMPROVEMENT AUDIT OF COMPUTERIZED PATIENT RECORD SYSTEM, VETERANS AFFAIRS LOMA LINDA HEALTHCARE SYSTEM.

V Gow-Lee, M Kim-Dopp, S Jamie, R Clark, S Singh and L Ferry, Loma Linda, CA.

Loma Linda University

Abstract 76

3:45 BMI AS A PREDICTOR OF 90 DAY READMISSION IN HEART FAILURE PATIENTS WITH REDUCED EJECTION FRACTION.

A Ammar, J Coleman, M Alajarmeh and S Ratnayake, Bakersfield, CA. UCLA Kern Medical (WAFMR/WAP Outstanding Resident Award Winner)

Abstract 77

4:00 IMPACT OF DEMOGRAPHICS AND SOCIOECONOMIC STATUS ON MODE OF TRANSPORTATION AND TIME TO PRESENTATION IN PATIENTS WITH ST ELEVATION MYOCARDIAL INFARCTION.

A Stewart, J Evans, D Amponsah, T Khachatryan, D Hamilton, E Suh, K Jutzy, I Loma

- 4:15** *State-of-the-Art Speaker*
ARRHYTHMOGENIC CARDIOMYOPATHIES: STATE-OF-THE-ART.
Luisa Mestroni, *University of Colorado Anschutz Medical Campus*
- 4:45** **ISCHEMIC TIME AND RISK FACTORS ASSOCIATED WITH THE INCIDENCE OF CARDIOGENIC SHOCK IN PATIENTS PRESENTING WITH ST ELEVATION MYOCARDIAL INFARCTION.**
D Amponsah, J Evans, A Stewart, T Khachatryan, D Hamilton, E Suh, K Jutzy, I Loma Linda University and A Hilliard, Redlands, CA. Loma Linda University Medical Center
Abstract 79
- 5:00** **MODERATE-SEVERE TRICUSPID REGURGITATION AFTER HEART TRANSPLANTATION DOES NOT REQUIRE SURGICAL REPAIR.**
K Yabuno, T Aintablian, R Levine, M Hamilton and J Kobashigawa, Los Angeles, CA. Cedars-Sinai Medical Center
Abstract 80
- 5:15** **JEHOVAH WITNESS PATIENTS: CHALLENGES IN HEART TRANSPLANTATION.**
R Sharoff, T Aintablian, R Levine, M Hamilton and J Kobashigawa, Los Angeles, CA. Cedars-Sinai Medical Center
Abstract 81
- 5:30** **PREDICTORS OF STENT ECCENTRICITY AFTER IMPLANTATION OF A NOVOLIMUS ELUTING BIORESORBABLE STENT IN CORONARY BIFURCATIONS.**
EN Holck, TØ Barkholt, J Dijkstra, EH Christiansen and NR Holm, Viby J, Denmark and Leiden, Netherlands. Aarhus University Hospital
Abstract 82
- Community Health I**
Carpenter Hall
, Presiding
- 3:15** **THE IMPACT OF INITIATING BUPRENORPHINE/NALOXONE TREATMENT FOR OPIOID ADDICTION IN THE EMERGENCY DEPARTMENT.**
A Kamaliazad, D Neven and M Layton, Spokane, WA. University of Washington School of Medicine (WAFMR/WAP Student Subspecialty Award Winner)
Abstract 83
- 3:30** **IMPACT OF MULTIDISCIPLINARY APPROACH IN THE OUTPATIENT HIV CLINIC IN IMPROVEMENT OF PATIENT CARE.**
A Heidari, B Ghafarizadeh and S Kaur, Bakersfield, CA. Kern Medical - UCLA
Abstract 84

- 3:45 INACCURACY OF POINT-OF-CARE MEASUREMENTS OF GLYCATED HEMOGLOBIN IN WELLNESS PROGRAM PARTICIPANTS.**
LW Raymond, Charlotte, NC. University of North Carolina at Chapel Hill
 Abstract 85
- 4:00 COMMUNITY CRISIS CENTER: THE LIVING ROOM.**
LA White, Seattle, WA. University of Washington School of Medicine
 Abstract 86
- 4:15 THE RELATIONSHIP BETWEEN HEALTH KNOWLEDGE AND BMI IN YOUTH.**
C Randolph, A James, JK Goorhuis, TC Mackintosh, NM Malika and M Baum, Loma Linda, CA. Loma Linda University
 Abstract 87
- 4:30 THE EFFECT OF COMMUNAL EATING ON BODY MASS INDICES.**
A James, C Randolph, TC Mackintosh, JK Goorhuis, NM Malika and M Baum, Loma Linda, CA. School of Medicine, Loma Linda University
 Abstract 88
- 4:45 TAKE-HOME NALOXONE OPIOID OVERDOSE PREVENTION (THNOOP): PRESCRIBE TO SURVIVE.**
MD Alley, Seattle, WA. University of Washington School of Medicine (WSMRF)
 Abstract 89
- 5:00 REACH OUT AND READ: PROMOTING EARLY LITERACY.**
C Swantek, Boise, ID. University of Washington School of Medicine
 Abstract 90
- 5:15 SELF-ESTEEM: EFFECT OF CHILD'S PERCEPTION OF HOW THEIR PARENTS VIEW THEIR WEIGHT.**
TC Mackintosh, A James, JK Goorhuis, NM Malika and M Baum, Loma Linda, CA. School of Medicine, Loma Linda University
 Abstract 91

Global Health I
 Conductor's Room
 , Presiding

- 3:15 IMPROVING WATER, SANITATION, AND HYGIENE IN PERU'S SACRED VALLEY.**
P Bloecher, Anchorage, AK. University of Washington School of Medicine
 Abstract 92
- 3:30 THE FINANCIAL BURDEN OF CLINICAL CARE ON FAMILIES IN EASTERN UGANDA.**
L Kim, J Blanco, AR Hengel, R Jinah, M Ajiko, M Langer and GK Blair, Vancouver, BC, Canada and Soroti, Uganda. University of British Columbia
 Abstract 93

- 3:45 REDUCING THE BURDEN OF PEDIATRIC DIARRHEAL ILLNESS THROUGH EDUCATION OF INFORMAL BABY-CARE PROVIDERS IN KARAGITA, KENYA.**
C Maloney, Seattle, WA. University of Washington School of Medicine
 Abstract 94
- 4:00 A FOUR YEAR FOLLOW UP TO THE ASSESSMENT OF ANEMIA PREVALENCE IN SCHOOL-AGED CHILDREN LIVING IN THE INDIAN HIMALAYAS.**
M Shurey, RL MacLean-Angus, A Mezei, S Riedlinger, CN Tan, C MacCallum and V Kapoor, Kelowna, BC, Canada and Vancouver, BC, Canada. University of British Columbia
 Abstract 95
- 4:15 THE EFFECT OF SANITARY PADS AND MENSTRUAL SYMPTOM MANAGEMENT ON SCHOOL PERFORMANCE OF ADOLESCENT GIRLS IN RURAL KENYA: A CLUSTER RANDOMIZED TRIAL.**
JC Fazio, M Irving, F Marquez, M Deissinger, A Tomedi and C Schmitt, Albuquerque, NM. University of New Mexico School of Medicine (WSMRF)
 Abstract 96
- 4:30 ASSESSMENT OF PERI-NATAL GUIDELINE VARIABILITY IN RURAL NEPAL.**
S Ryan, K Wolpert and B Fassl, Salt Lake City, UT. University of Utah
 Abstract 97
- 4:45 INCREASING THE AWARENESS OF MALARIA LIFE CYCLE, SYMPTOMS, PREVENTION, TREATMENT, AND EXISTING GOVERNMENTAL ANTI-MALARIAL EFFORTS IN THE DISTRICT OF NEMA IN ZIGUINCHOR, SENEGAL.**
J Northey, Bellevue, WA. University of Washington
 Abstract 98
- 5:00 ENRICHING DIABETES EDUCATION: DHULIKHEL, NEPAL.**
A Shindruk, Spokane, WA. University of Washington School of Medicine
 Abstract 99
- 5:15 EVALUATION OF A WHO-INSPIRED, WORKSHOP-BASED APPROACH TO EDUCATING COMMUNITY HEALTH WORKERS ABOUT MENTAL HEALTH ISSUES AND CARE IN KISUMU, KENYA.**
K Leslie, A Roberts, K McWilliams and L Kan, Vancouver, BC, Canada. University of British Columbia (WSMRF)
 Abstract 100
- 5:30 CRITICAL ASSESSMENT OF MATERNAL-NEWBORN CARE DELIVERY IN SOLUKHUMBU, NEPAL.**

SE Schoenhals, S Folsom, D Levy, A Sherpa and B Fassl, Salt Lake City, UT and Phaplu, Nepal. University of Utah School of Medicine

Abstract 101

Hematology and Oncology I

Green Room (Sunset Center)

Thomas Deloughery, Presiding

3:15 WHERE DOES MERKEL CELL CARCINOMA METASTASIZE AND HOW DOES THE SITE AND TIMING OF INITIAL DISTANT METASTASIS IMPACT SURVIVAL?

CW Lewis, J Qazi, D Hippe, A Tang, H Thomas, M Cook, I Juhlin, N Singh, Z Thuesmunn, S Takagishi, A McEvoy, R O'Malley, C Wang and P Nghiem, Seattle, WA. University of Washington (WSMRF)

Abstract 102

3:30 USING RADIATION THERAPY TO PRIME THE IMMUNE SYSTEM IN HEAD AND NECK SQUAMOUS CELL CARCINOMA.

DJ Calame, A Oweida, S Lennon, S Bhatia, J Sharma, A Griego and S Karam, Denver, CO. University of Colorado School of Medicine

Abstract 103

3:45 ANATOMIC PATTERNS OF RELAPSE AND PROGRESSION FOLLOWING TREATMENT WITH ¹³¹I-MIBG IN METASTATIC NEUROBLASTOMA.

R Fishel Ben Kenan, A Polishchuk and D Haas-Kogan, Phoenix, AZ and San Francisco, CA. University of California San Francisco

Abstract 104

4:00 DIGEX: CONNECTING GENE EXPRESSION SIGNATURES FOR DRUG REPURPOSING AND REPOSITIONING.

DN Le and J Shin, Highlands Ranch, CO. University of Colorado School of Medicine (WSMRF)

Abstract 105

4:15 LYMPHOMA CANCER INTERNET PATIENT INFORMATION: A SYSTEMATIC EVALUATION OF THE QUALITY OF ONLINE RESOURCES FOR LYMPHOMA PATIENTS.

CR Zhang and P Ingledeu, Vancouver, BC, Canada and Surrey, BC, Canada. University of British Columbia

Abstract 106

4:30 MAGNETICALLY FOCUSED PROTON IRRADIATION OF SMALL VOLUME RADIOSURGERY TARGETS USING A TRIPLET OF QUADRUPOLE MAGNETS.

P McGee, G McAuley, J Slater, J Slater and A Wroe, Loma Linda, CA. Loma Linda University Medical Center (WSMRF)

Abstract 107

4:45 NOVEL MICROENDOSCOPE PLACED INTO DONOR SPECIMEN IN

ANATOMY LAB TO REVEAL DUCTAL ANATOMY.

B Benninger, I Blandford and A Mukherjee, Lebanon, OR. Western University of Health Sciences

Abstract 108

5:00 CHARACTERIZING THE OBESITY AND BREAST CANCER RELATIONSHIP IN MEN.

JC Parrish, A Dierickx, S Williams, D Giri, A Dannenberg and N Iyengar, Fairbanks, AK and New York, NY. University of Washington

Abstract 109

5:15 RETICULONS INFLUENCE ENDOPLASMIC RETICULUM MORPHOLOGY AND NUCLEAR SIZE IN XENOPUS AND HELA CELLS.

A Johnson and R Mukherjee, Seattle, WA and Laramie, WY. University of Wyoming

Abstract 110

Neonatal Pulmonary II

Rehearsal Room (Sunset Center)

Sandra Leibel and Lance Prince, Presiding

3:15 IMPACT OF THE SOD3 R213G POLYMORPHISM ON ALVEOLAR AND PULMONARY VASCULAR DEVELOPMENT.

LG Sherlock, J Maltzahn, A Trumpie, C Delaney, C Wright and E Nozik-Grayck, Denver, CO. University of Colorado (WSPR)

Abstract 111

3:30 NOTCH SIGNALING IN LUNG INNATE IMMUNITY CELLS OF EXTREMELY PREMATURE INFANTS: IMPLICATIONS FOR BPD PATHOGENESIS.

NS Bhopal, B Chan, C Ramos, R Ramanathan and P Minoo, Los Angeles, CA; Salt Lake City, UT and San Diego, CA. LAC+USC Medical Center & Children's Hospital Los Angeles, University of Southern California (WSMRF)

Abstract 112

3:45 INHIBITION OF LPS-INDUCED I κ B β /NF κ B SIGNALING ATTENUATES IL-1 β EXPRESSION WITHOUT INCREASING CELL DEATH IN THE DEVELOPING LUNG.

B Butler, S McKenna and C Wright, Denver, CO. University of Colorado

Abstract 113

4:00 COMPARISON OF OXYGENATION INDEX (OI) AND THE SPO₂/FIO₂ RATIO (SF) IN NEONATES WITH CONGENITAL DIAPHRAGMATIC HERNIA.

KL Braski and B Yoder, Salt Lake City, UT. University of Utah

Abstract 114

4:15 DURATION OF MECHANICAL VENTILATION AFFECTS RESPIRATORY MECHANICS IN FORMER PRETERM LAMBS.

M Dahl, C Veneroni, A Lavizzari, D Galli, M Bellarosa, K Zuspan, S Bowen, D Null, B Yoder, J Pillow, K Albertine and R Dellaca, Salt Lake City, UT; Milan, Italy; Davis, CA and Perth, WA, Australia. University of Utah (WAFMR)

Abstract 115

4:30 UNPLANNED EXTUBATION IN NEWBORN INFANTS: RESULTS OF AN ONGOING QUALITY IMPROVEMENT PROJECT.

AM Hauck, L Langga and N Iyer, Los Angeles, CA. Keck School of Medicine of USC (WSMRF)

Abstract 116

4:45 EARLY EXTUBATION TO NONINVASIVE VENTILATION IN NEONATES RECEIVING HIGH FREQUENCY VENTILATION: A SINGLE CENTER EXPERIENCE.

P Bhatt, M Biniwale, R Ramanathan and L Barton, Los Angeles, CA. Keck School of Medicine of USC

Abstract 117

5:00 RETROSPECTIVE ANALYSIS OF HIGH FREQUENCY NASAL VENTILATION USE IN NEONATES.

S Bowen, B Yoder, D Null and K Albertine, Salt Lake City, UT and Davis, CA. University of Utah (WSMRF)

Abstract 118

5:15 COMPARISON OF NITRIC OXIDE METABOLISM IN ADULT AND FETAL TISSUES.

F Paterno, M Zhang, T Liu, G Power and A Blood, Loma Linda, CA. Loma Linda University

Abstract 119

Neonatology General II

Babcock #6 (Sunset Center)

Tara DuPont and Camille Fung, Presiding

3:15 CYCLED PHOTOTHERAPY IS A SAFE AND EFFECTIVE TREATMENT FOR SMALL PREMATURE INFANTS WITH HYPERBILIRUBINEMIA.

CC Arnold, JE Tyson, ME Castillo Cuadrado, AG Dempsey, AM Khan, C Pedroza, VK Bhutani, RJ Wong and DK Stevenson, Houston, TX and Stanford, CA. UTHealth McGovern Medical School (Mead Johnson Junior Faculty Travel Awardee)

Abstract 120

3:30 PHYTOSTEROLS, CYTOKINES, BILE ACIDS, AND FATTY ACIDS: PREDICTORS OF PARENTERAL NUTRITION ASSOCIATED LIVER DISEASE.

NE Walker, T Grogan, A DeBarber and KL Calkins, Los Angeles, CA and Portland, OR. UCLA (WSMRF)

Abstract 121

3:45 A NEW MODEL FOR COMPOUNDED NEONATAL PARENTERAL NUTRITION OSMOLALITY.

S Borenstein, E Mack, K Palmer, T Cat, M Sandhu and C Simmons, Van Nuys, CA and Los Angeles, CA. Cedars-Sinai Medical Center (WSPR)

4:00 HYPOTENSION FOLLOWING GASTROSCHISIS REPAIR.

*LA Beeder, J Shepherd, T Chavez, C Gayer and S Noori, SOUTH PASADENA, CA.
Children's Hospital Los Angeles*

Abstract 123

4:15 REGIONAL VARIATIONS IN THE CARE OF NEONATES WITH GASTROSCHISIS IN THE UNITED STATES 1997-2012.

R Chen, A Song, C Gayer, J Shepherd, P Friedlich and A Lakshmanan, San Gabriel, CA; Los Angeles, CA and Los Angeles, CA. Children's Hospital Los Angeles

Abstract 124

4:30 RISK FACTORS ASSOCIATED WITH SPONTANEOUS INTESTINAL PERFORATION VS NECROTIZING ENTEROCOLITIS IN PRETERM NEONATES.

K Barseghyan, C Gayer and T Azhibekov, Los Angeles, CA. Children's Hospital Los Angeles, USC

Abstract 125

4:45 PERIPHERALLY INSERTED CENTRAL CATHETER USE AND ASSOCIATED COMPLICATIONS IN MEDICALLY COMPLEX NEONATES: A SINGLE CENTER STUDY.

L Beard and T Grover, Denver, CO. University of Colorado, Denver

Abstract 126

5:00 PREVALENCE AND PREDICTORS OF BACK-TRANSPORT AFTER ACUTE CARE IN A REGIONAL NICU.

SL Bourque, T Grover and S Hwang, Denver, CO. University of Colorado (WSPR)

Abstract 127

5:15 REDUCING RETINOPATHY OF PREMATURE IN AN AT RISK POPULATION.

C Torr, B Yoder and J Beachy, Salt Lake City, UT. University of Utah

Abstract 128

5:30 EFFECT OF VENTILATOR ROUNDS ON RESPIRATORY OUTCOMES IN VLBW INFANTS IN A LEVEL IV NICU.

T Nguyen, A Blood, AO Hopper and Y Nicolau, Loma Linda, CA. Loma Linda University

Abstract 129

Neuroscience I

Chapman #4 (Sunset Center)

Marie-Francois Chesselet, Presiding

3:15 DIFFUSION TENSOR IMAGING FINDINGS IN PEDIATRIC PATIENTS WITH MILD TRAUMATIC BRAIN INJURY.

T Dowers, C Luceno, S Barnes and B Bartnik-Olsen, Loma Linda, CA. Loma Linda University

Abstract 130

3:30 REDUCED CEREBRAL BLOOD FLOW AND BLOOD VOLUME IN PATIENTS WITH PERSISTENT POST CONCUSSIVE SYMPTOMS.

C Luceno, T Dowers, S Barnes and B Bartnik-Olsen, Loma Linda, CA. Loma Linda University

Abstract 131

3:45 EXPLORING PHENOTYPIC HETEROGENEITY WITHIN ALS.

T Rafferty and B Tresenriter, Loma Linda, CA. Loma Linda University

Abstract 132

4:00 DETERMINATION OF COPPER TRANSPORT PROTEIN P62 AS A SIGNIFICANT CONTRIBUTOR TO ALZHEIMER'S DISEASE PATHOLOGY.

EO Torres, N Sanchez, K Howard and W Kirsch, Loma Linda, CA. Loma Linda University School of Medicine

Abstract 133

4:15 BELL'S PALSY: PRESENTING WITH HEMIPARESIS.

A Parekh, G Petersen and K Sabetian, Bakersfield, CA. UCLA Kern Medical

Abstract 134

4:30 HEARING LOSS AS PRESENTATION FOR ENDOLYMPHATIC SAC TUMOR IN PREVIOUSLY UNKNOWN VON HIPPEL-LINDAU SYNDROME.

MD Ehrhart and B Hart, Albuquerque, NM. University of New Mexico Health Sciences Center

Abstract 135

4:45 FUNCTIONAL ELECTRORETINOGRAPHY CHARACTERIZATION OF VISION LOSS IN MOUSE MODELS OF ACHROMATOPSIA.

C Song, W Chiang, P Chan and J Lin, Northridge, CA and La Jolla, CA. University of California San Diego (WSMRF)

Abstract 136

5:00 MOTOR AND COGNITIVE OUTCOMES IN PRETERM NEWBORNS WITH MILD WHITE MATTER INJURY.

AM Bach, DM Ferriero, A Barkovich, EE Rogers, B Johnson and D Gano, San Francisco, CA. University of California, San Francisco (WSMRF)

Abstract 137

Pulmonary and Critical Care I

Studio 105 (Sunset Center)

Michael Schivo, Presiding

3:15 PATIENT-CENTERED STRUCTURED INTERDISCIPLINARY BEDSIDE ROUNDS (SIBR) IN THE MEDICAL ICU.

F Horn, V Cao, L Tan, L Scott, P Giri, D Hidalgo, K Maken and H Nguyen, Loma Linda, CA. Loma Linda University School of Medicine (WAFMR/WAP Student Specialty Award Winner) (WSMRF)

3:30 INNOVATIVE WEARABLE MINIATURIZED WIRELESS WRIST-WORN ULTRASOUND SYSTEM DEVELOPED FOR EXTENDED FAST EXAM WITH INTEGRATED DUAL-FREQUENCY FINGER PROBE.

B Benninger, S Corbett and I Blandford, Lebanon, OR and Portland, OR. Western University of Health Sciences

Abstract 139

3:45 EVALUATING FEASIBILITY OF CONTINUOUS MUSCLE OXYGENATION AND PH MONITORING DURING RESUSCITATIVE INTERVENTIONS IN THE EMERGENCY DEPARTMENT.

MM Willett, Seattle, WA. University of Washington School of Medicine

Abstract 140

4:00 DEVELOPING A TRAINING TOOL FOR NOVICE ULTRASOUND USERS IDENTIFYING SKULL AND FACIAL FRACTURES WITH UNEMBALMED CADAVERIC TISSUE USING MULTIPLE PROBES.

B Benninger, D Sanders, E Richardson and W Tang, Lebanon, OR. Western University of Health Sciences

Abstract 141

4:15 PREVALENCE OF INFERIOR VENA CAVA FILTER IN PATIENTS REFERRED FOR PULMONARY THROMBOECTOMY: SINGLE CENTER REPORT.

T Werbel, S Kim and NH Kim, La Jolla, CA and Seoul, Korea (the Republic of). University of California, San Diego (WSMRF)

Abstract 142

4:30 INTEGRATING ULTRASOUND WITH 3D-CT FOR TEACHING MEDICAL STUDENTS ASSESSING TIBIA-FIBULA FRACTURES DURING ANATOMY DISSECTION LAB.

W Chen and B Benninger, Lebanon, OR. Western University of Health Sciences

Abstract 143

4:45 CIRCULATING LYMPHOCYTE SUB-POPULATIONS DEFINE MOLECULAR SUBTYPES OF COPD.

E Halper-Stromberg, P Castaldi and R Bowler, Denver, CO and Boston, MA. University of Colorado School of Medicine (WSMRF)

Abstract 144

5:00 INTEGRATING 3D/4D ULTRASOUND SKILLS TO FACILITATE STEREOSTRUCTURAL ANATOMY OF THE ABDOMINAL AND PELVIC REGIONS DURING MEDICAL ANATOMY DISSECTION COURSE.

W Chen and B Benninger, Lebanon, OR. Western University of Health Sciences

Abstract 145

5:15 A COMMON DIAGNOSIS MASKING A DEVASTATING ONE: A RARE CASE

OF ALS.

P Masuta, R Khan, J Howland and D Landsberg, Syracuse, NY. SUNY Upstate Medical University

Abstract 146

5:30 ONE LUNG TO LIVE.

J Patel, Bakersfield, CA. UCLA Kern Medical

Abstract 147

Surgery II

Bingham Room #3 (Sunset Center)

Subhas Gupta and Steve Arnsworth, Presiding

3:15 PREDICTIVE VALUES OF THE ASEPSIS AND SOUTHAMPTON SCORING SYSTEMS IN EVALUATING BREAST RECONSTRUCTION SURGICAL SITE INFECTION.

I Campwala, K Unsell, I Galdyn and S Gupta, Loma Linda, CA. Loma Linda University Medical Center (WSMRF)

Abstract 148

3:30 CAN WE DO IT: CORRESPONDING PATIENT SATISFACTION WITH RESIDENT TRAINING AND LEGISLATION.

K Unsell and S Gupta, Loma Linda, CA. Loma Linda University Medical Center

Abstract 149

3:45 PEDIATRIC MORTALITY ASSOCIATED WITH DELAYS IN ACCESS TO EMERGENT SURGERY: A RISK STRATIFIED ANALYSIS.

I Zivkovic, C Kim and S Butterworth, Vancouver, BC, Canada. University of British Columbia

Abstract 150

4:00 *State-of-the-Art Speaker*

STATE-OF-THE-ART UPDATE - RECONSTRUCTIVE SURGERY

Subhas Gupta, Loma Linda University

4:45 ANTI-FACTOR XA MEASUREMENTS IN CRITICALLY-ILL SURGICAL PATIENTS TO EXAMINE ENOXAPARIN METABOLISM AND OPTIMIZE ENOXAPARIN DOSE.

V Wall, K Fleming and C Pannucci, South Jordan, UT. University of Utah

Abstract 151

5:00 OPHTHALMIC SEQUELAE OF MAXILLECTOMY WITH AND WITHOUT RADIATION THERAPY IN MIDFACE MALIGNANCIES.

BA Walker, A Sweeney, A Bhrany and A Jian-Amadi, Seattle, WA. University Of Washington

5:15 MACRA LEGISLATION AND MIPS SCORES: EFFECTS ON COST EFFECTIVE ANALYSIS FOR NEGATIVE PRESSURE WOUND THERAPY DEVICES.

JW Kubiak and S Gupta, Loma Linda, CA. Loma Linda

5:30 A COMPARISON BETWEEN PATIENT EXPERIENCE AND PHYSICIANS' BELIEFS: CROWDSOURCED INFORMATION ON WOUND CARE.

K Unsell and S Gupta, Loma Linda, CA. Loma Linda University Medical Center

WELCOM 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**

Carmel Mission Inn – Carmelo Ballroom

**Thursday, January 26, 2017
6:00 PM – 7:30 PM**

*(Presenters in attendance at their posters from 6:15 – 7:15 pm)
Shuttle service from Sunset Center to Carmel Mission Inn provided*

- Adolescent Medicine and General Pediatrics**
- Behavior and Development**
- Cardiovascular**
- Community Health**
- Gastroenterology**
- Health Care Research**
- Hematology and Oncology**
- Infectious Diseases**
- Pulmonary & Critical Care Adult**
- Surgery**

Poster Number		Program Number
----------------------	--	-----------------------

Adolescent Medicine and General Pediatrics		
1	PROLONGED MUSCLE WEAKNESS FOLLOWING RHABDOMYOLYSIS IN A	

PEDIATRIC SEPTIC SHOCK PATIENT.

K Burke and H Agarwal, Albuquerque, NM. University of New Mexico

Abstract 155

2 EFFECT OF INHALED CORTICOSTEROIDS ON HEIGHT IN PEDIATRIC PATIENTS WITH ASTHMA.

Jl Hoil, M Huang, M Menefee, E Kim, B Wirtz, V Nguyen, D Limaye and B Afghani, Wilmington, CA; Irvine, CA and Orange, CA. California State University Long Beach

Abstract 156

Behavior and Development

3 A CASE OF RAPIDLY PROGRESSIVE FRONTOTEMPORAL DEMENTIA TRIGGERED BY LIFE STRESSORS.

A Ammar, K Carling, M Alajarmeh and S Ratnayake, Bakersfield, CA. UCLA Kern Medical

Abstract 157

4 SCREENING EMERGENCY DEPARTMENT PATIENTS FOR ABERANT DRUG-RELATED BEHAVIORS.

K Kim, J Hoppe and S Weiner, Englewood, CO and Boston, MA. University of Colorado School of Medicine

Abstract 158

Cardiovascular

5 GLYCEMIC CONTROL IN INSULIN AND NON-INSULIN DEPENDENT DIABETIC PATIENTS WITH ST ELEVATION MYOCARDIAL INFARCTION PREDICTS TIME TO PRESENTATION.

J Evans, A Stewart, D Amponsah, D Hamilton, T Khachatryan, E Suh, K Jutzy, I Loma Linda University and A Hilliard, Redlands, CA. Loma Linda University Medical Center

Abstract 159

Community Health

6 ADDRESSING HIGH BLOOD PRESSURE IN YAKIMA, WASHINGTON WITH DASH EDUCATION IN A COMMUNITY-BASED SETTING.

LM Bernfeld, Seattle, WA. University of Washington School of Medicine

Abstract 160

7 INCREASING YOUTH AWARENESS OF LOCAL MENTAL HEALTH SERVICES IN KETCHIKAN, AK WITH A RESOURCE GUIDE DELIVERED THROUGH PEER EDUCATION.

ML Cox, Anchorage, AK. University of Washington School of Medicine

Abstract 161

8 IDENTIFICATION OF UNREPORTED SOURCES OF OBJECTS CONTAINING HIGH RELEASE NICKEL.

DJ Eng, A Rasmussen, JK Parker, CW Rundle, D Bergman and S Jacob, Loma Linda,

- 9 **CORRELATION OF CHILDREN'S BODY IMAGE WITH ATTITUDES TOWARDS NUTRITION AND EXERCISE.**
JK Goorhuis, TC Mackintosh, C Randolph, A James, NM Malika and M Baum, Loma Linda, CA. Loma Linda University School of Medicine
Abstract 163
- 10 **SEATTLE INDIAN HEALTH BOARD REFERRAL FOR MIGRANT AMERICAN INDIAN/ALASKA NATIVE PATIENTS TO THE MIGRANT CLINICIANS NETWORK.**
JA Keesee, Seattle, WA. University of Washington School of Medicine
Abstract 164
- 11 **OKANOGAN COUNTY MIGRANT AND SEASONAL FARM WORKER ALCOHOL EDUCATION AND SCREENING INITIATIVE.**
NB Meadows, Seattle, WA. University of Washington
Abstract 165
- 12 **AN INNOVATIVE HEALTH AND SCIENCE ENRICHMENT PROGRAM FOR MIDDLE SCHOOL STUDENTS.**
K Nikroo, J Tran, AJ Garcia, D Leung, M Reddy and K Lee, Irvine, CA. UC Irvine School of Medicine
Abstract 166
- 13 **ASSESSING PATIENTS' UNDERSTANDING OF A HEALTH EDUCATION PROGRAM IN GHANA.**
S Rajapakse, Vancouver, BC, Canada. University of British Columbia
Abstract 167
- 14 **FOOD NICKEL CONTENT AWARENESS SURVEY.**
A Rasmussen, CW Rundle, JK Parker, DJ Eng, D Bergman and S Jacob, Loma Linda, CA. Loma Linda University
Abstract 168
- 15 **FROM FARMERS TO CHILDREN: INCREASING FRUIT AND VEGETABLE CONSUMPTION AMONGST THE WIC POPULATION IN WHITE SALMON, WASHINGTON.**
M Shin, Camas, WA. University of Washington School of Medicine (WSMRF)
Abstract 169
- 16 **STRENGTHENING MEDICAL HOMES FOR CHILDREN WITH DOWN SYNDROME: PARENT AND HEALTH CARE PROVIDER FOCUS GROUPS.**
R Manalo, D Der and B Singh, Madera, CA. University of California San Francisco, Fresno
Abstract 170

- 17 **GIANT RECTAL TUBULOVILLOUS ADENOMA IN A PREGNANT FEMALE.**
A Ammar, H Chahine, N Gruner and G Petersen, Bakersfield, CA. UCLA Kern Medical
Abstract 171

Health Care Research

- 18 **CAN PROXIMAL FIBULAR FRACTURES BE IDENTIFIED WITH ULTRASOUND BY NOVICE USERS IN THE ANATOMY LAB.**
A Abu-Alya, W Chen, D Wang, S Herrin and B Benninger, Lebanon, OR. Western University of Health Sciences
Abstract 172
- 19 **ULTRASOUND AS A TEACHING TOOL FOR DISTAL RADIAL FRACTURES FOR MEDICAL STUDENTS DURING ANATOMY DISSECTION LAB.**
A Dias and B Benninger, Lebanon, OR. Western University of Health Sciences
Abstract 173
- 20 **HEALTHCARE WORKER HAND HYGIENE IN A RURAL UGANDAN HOSPITAL - WHAT ARE SOME WAYS TO CLEAN-UP COMPLIANCE?**
AR Hengel, L Kim, J Blanco, R Jinah, D Duffy, M Ajiko and D Courtemanche, Prince George, BC, Canada; Vancouver, BC, Canada and Soroti, Uganda. University of British Columbia
Abstract 174
- 21 **7D INTERACTIVE ULTRASOUND SOFTWARE PROGRAM CAN TUTOR NOVICE USERS THREE CLINICALLY IMPORTANT UPPER LIMB STRUCTURES DURING ANATOMY DISSECTION COURSE.**
G Hocum, B Connett and B Benninger, Lebanon, OR. Western University of Health Sciences
Abstract 175
- 22 **INTEGRATING CLAY MODELS, X-RAYS, DISSECTION, CT, SECTRA AND ULTRASOUND TO UNDERSTAND COLLES FRACTURE MORPHOLOGY ENHANCING POINT OF CARE USE BY MEDICAL STUDENTS DURING ANATOMY DISSECTION LAB.**
J Johnson and B Benninger, Lebanon, OR. Western University of Health Sciences
Abstract 176
- 23 **WHAT ATTRIBUTES DEFINE EXCELLENCE IN A TRAUMA TEAM - A QUALITATIVE STUDY.**
F Kassam, A Cheong and A Singhal, Vancouver, BC, Canada. University of British Columbia
Abstract 177
- 24 **CAN MEDICAL STUDENTS VISUALIZE THE VOLAR PLATE OF THE FIRST METATARSOPHALANGEAL JOINT IN CADAVERS AND HEALTHY VOLUNTEERS USING HIGH-FREQUENCY ULTRASOUND PROBES.**
C Laverdiere, R Mousselli and B Benninger, Lebanon, OR. Western University of Health

- 25 SECONDARY ANALYSIS OF 15 CLINICAL PERFORMANCE MEASURES OF THE FEDERALLY QUALIFIED HEALTH CENTER OF A LOCAL HEALTH DEPARTMENT IN SOUTHERN CALIFORNIA.**
E Pai, R Thornhill, E Shin, C Pearce and M Debay, Redlands, CA. Loma Linda University
Abstract 179
- 26 EFFICACY OF VARIOUS MODALITIES OF DATA COLLECTION FOR CONTACT DERMATITIS SURVEY.**
CW Rundle, D Bergman, N Brankov, DJ Eng, A Rasmussen, JK Parker and S Jacob, Redlands, CA and Loma Linda, CA. Loma Linda University
Abstract 180
- 27 PERCEPTIONS AND ATTITUDES TOWARDS CHILDREN WITH HEARING AIDS.**
CN Tan, J Pauwels, F Kozak and NK Chadha, Surrey, BC, Canada and Vancouver, BC, Canada. University of British Columbia
Abstract 181
- 28 CAN VARIED HIGH FREQUENCY ULTRASOUND PROBES (5-12, 18, 22 MHZ) USED BY MEDICAL STUDENTS IDENTIFYING THE MEDIAN NERVE IN THE WRIST AND HAND REGION FROM CADAVERS AND HEALTHY INDIVIDUALS.**
J Tran and B Benninger, Lebanon, OR. Western University of Health Sciences
Abstract 182
- 29 FEMALE INJURIES IN COLLEGIATE RODEO ATHLETES.**
B VanAudsol and E Guenther, Lebanon, OR. Western University of Health Sciences College of Osteopathic Medicine of the Pacific Northwest
Abstract 183
- 30 INTEGRATION OF 3D/4D ULTRASOUND TECHNOLOGY INTO AN ANATOMY DISSECTION LABORATORY WITH 3D VISUALIZATION OF THE THYROID GLAND.**
C Weston, B Benninger, J Carter, G Hocum and A Patel, Lebanon, OR. Western University of Health Sciences
Abstract 184

Hematology and Oncology

- 31 HERPES SIMPLEX VIRUS TRIGGERING HEMOPHAGOCYTIC LYMPHOHISTIOCYTOSIS.**
G Averitt, T Averitt, K Howard, MM Al-Rahawan and F Levent, Lubbock, TX. TTUHSC
Abstract 185

- 32 SEVERE APLASTIC ANEMIA AS A COMPLICATION OF AUTOIMMUNE HYPERTHYROIDISM.**
RS Chahal, S Gupta, A Heidari and E Cobos, Bakersfield, CA. Kern Medical
 Abstract 186
- 33 CATASTROPHIC B12 DEFICIENCY AND PERNICIOUS ANEMIA WITH UNDETECTABLE B12 LEVELS IN A SCHIZOPHRENIC MALE, A CASE REPORT..**
H Chahine, A Ammar, E Cobos and A Heidari, Bakersfield, CA. Kern Medical
 Abstract 187
- 34 CLASSIC KAPOSII'S SARCOMA IN A THAI FEMALE TREATED WITH RADIATION THERAPY.**
MM Franklin and A Kusano, Yakima, WA and Anchorage, AK. Pacific Northwest University of Health Sciences
 Abstract 188
- 35 RARE CASE OF EXTRAMURAL ADENOCARCINOMA OF ANUS.**
SJ Gupta, Reno, NV. University of Nevada School of Medicine
 Abstract 189
- 36 RARE PRESENTATION OF METASTATIC PROSTATE CANCER LEADING TO FACIAL NERVE PALSY AND PARANASAL SINUS MASSES.**
S Gupta, A Heidari, E Williams, T Barrett and E Cobos, Bakersfield, CA. Kern Medical
 Abstract 190
- 37 FULMINANT HEPATIC FAILURE FROM AN EXCEEDINGLY RARE CASE OF T-CELL PROLYMPHOCYTIC LEUKEMIA.**
B Labadie and S Sarkissian, Long Beach, CA and Orange, CA. UC Irvine School of Medicine
 Abstract 191
- 38 SEVERE PRESENTATIONS OF EPSTEIN-BARR VIRUS ASSOCIATED HEMOPHAGOCYTIC LYMPHOHISTIOCYTOSIS (HLH) IN TODDLERS.**
R Newman, R Seth and S Abraham, Albuquerque, NM. University of New Mexico
 Abstract 192
- 39 CONGENITAL FACTOR XIII DEFICIENCY.**
A Parekh, H Chahine, G Petersen, A Heidari and E Cobos, Bakersfield, CA. Kern Medical
 Abstract 193

Infectious Diseases

- 40 LOCUS MINORIS RESISTENTIAE AS CONTRIBUTING FACTOR FOR BILATERAL OLECRANON COCCIDIOIDOMYCOSIS OSTEOMYELITIS.**
A Heidari and R Shah, Bakersfield, CA. Kern Medical - UCLA
 Abstract 194
- 41 DEVELOPING A TAILORED BROCHURE FOR HEPATITIS B PREVENTION**

AMONG TRANSGENDER WOMEN IN LIMA.

M Mayer, Seattle, WA. University of Washington

Abstract 195

42 BACTEREMIA CAUSED BY ENTEROCOCCUS AVIUM IN HIV AND PULMONARY COCCIDIOIDOMYCOSIS: CASE REPORT AND REVIEW OF LITERATURE.

A Parekh, G Petersen, A Heidari and E Williams, Bakersfield, CA. Kern Medical

Abstract 196

43 BACTEREMIA WITH PSEUDOMONAS LUTEOLA: CASE REPORT.

A Parekh, S Ragland and A Heidari, Bakersfield, CA. Kern Medical

Abstract 197

Pulmonary & Critical Care Adult

44 DIFFUSE ALVEOLAR HEMORRHAGE AND RITUXIMAB.

A Parekh, R Garcia-Pacheco and J Lara, Bakersfield, CA. Kern Medical

Abstract 198

45 IDENTIFYING NASAL BONE FRACTURES WITH ULTRASOUND DURING MEDICAL ANATOMY LAB COURSE COMPARING FINGER VERSUS CLASSIC LINEAR PROBES.

P Overton-Harris, S Patel and B Benninger, Lebanon, OR. Western University of Health Sciences

Abstract 199

46 COMPARING ULTRASOUND: FINGER VERSUS CLASSIC LINEAR PROBES TO IDENTIFY ZYGOMATIC FRACTURES IN MEDICAL ANATOMY LAB.

S Patel, F Tavangary, W Tang and B Benninger, Lebanon, OR. Western University of Health Sciences

Abstract 200

47 ULTRASOUND INTEGRATED INTO ANATOMY DISSECTION LAB IDENTIFYING TEMPORAL BONE REGION FRACTURES COMPARING SONICEYE FINGER VERSUS CLASSIC LINEAR PROBES.

F Tavangary, S Patel, P OVERTON-HARRIS and B Benninger, Lebanon, OR. Western University of Health Sciences

Abstract 201

Surgery

48 FAMILY HISTORY OF AORTIC AND ARTERIAL ANEURYSMS AND DISSECTIONS IS ASSOCIATED WITH TYPE B AORTIC DISSECTION.

RL Campbell, M Bartek, M Pepin, A Cecchi, P Byers, D Milewicz and S Shalhub, Seattle, WA and Houston, TX. University of Washington

Abstract 202

49 THE EFFECT OF MEDICAL SCHOOL REPUTATION, RESEARCH

PRODUCTIVITY, AND ALPHA OMEGA ALPHA MEMBERSHIP ON THE ORTHOPAEDIC RESIDENCY MATCH IN THE UNITED STATES.

G Chin, R Gupta, R Avedian and ST Campbell, Irvine, CA and Stanford, CA. University of California, Irvine

Abstract 203

50 CAN MEDICAL STUDENTS IDENTIFY THE ULNAR COLLATERAL LIGAMENT OF THE FIRST MCP WITH HIGH FREQUENCY ULTRASOUND PROBES ON CADAVERS AND HEALTHY SUBJECTS.

S Goddard, D Wang and B Benninger, Lebanon, OR. Western University of Health Sciences

Abstract 204

51 CAN NOVICE ULTRASOUND USERS IDENTIFY THE ULNAR COLLATERAL LIGAMENT OF THE ELBOW DURING AN ANATOMY COURSE FROM CADAVERS AND HEALTHY SUBJECTS USING MULTIPLE FREQUENCY PROBES.

B Benninger, S Goddard and D Wang, Lebanon, OR. Western University of Health Sciences

Abstract 205

52 POST-OPERATIVE INTRAVENOUS FLUID ORDERING PRACTICES FOR PEDIATRIC PATIENTS BY PLASTIC SURGERY TRAINEES IN NORTH AMERICA.

V Hu and E Henkelman, Vancouver, BC, Canada. University of British Columbia (WSMRF)

Abstract 206

53 CONTINUOUS CAUDAL EPIDURAL ANALGESIA AFTER PEDIATRIC COARCTATION REPAIR.

S Huang, N West, G Lauder and C Montgomery, Vancouver, BC, Canada. University of British Columbia

Abstract 207

54 OPTIMAL TIME FOR PERFORMING SURGERY ON PATIENTS WITH INFANTILE ESOTROPIA: A COMPREHENSIVE LITERATURE REVIEW.

M McDonnell, A Pham, D Sam, I Shah, M Vyakaranam, M Mendoza and B Afghani, Winston-Salem, NC; Irvine, CA and Orange, CA. Wake Forest University (WSMRF)

Abstract 208

55 DOES WRIST MOVEMENT ALTER RADIAL ARTERY POSITIONING DURING CORONARY ANGIOGRAPHY CANNULATION AND BLOOD GAS DRAW: SONICEYE VERSUS CLASSIC ULTRASOUND PROBES.

R Mousselli, C Laverdiere and B Benninger, Lebanon, OR. Western University of Health Sciences

Abstract 209

56 WHEN VENIPUNCTURE BECOMES THE AURORA BOREALIS.

- T Pasvantis and B Benninger, Lebanon, OR. Western University of Health Sciences*
Abstract 210
- 57 DESIGNING A PALPABLE SURFACE ANATOMY FOOTPLATE FOR BLIND AND ULTRASOUND GUIDED POSTERIOR TIBIAL NERVE BLOCKS.**
N Pettit and B Benninger, Lebanon, OR. Western University of Health Sciences
Abstract 211
- 58 UNDERSTANDING ATTITUDES TOWARDS AND TECHNIQUES OF PREOPERATIVE RISK ASESMENT.**
H Qiu and R Meguid, Aurora, CO. University of Colorado School of Medicine (WSMRF)
Abstract 212
- 59 USING VARIABLE LINEAR PROBES TO CREATE AN ULTRASOUND TEMPLATE TO IDENTIFY THE ANTEROLATERAL LIGAMENT.**
D Rogers, T Delamarter, C Laverdiere and B Benninger, Lebanon, OR. Western University of Health Sciences
Abstract 213
- 60 PERCUTANEOUS EXTERNALLY ASSEMBLED LAPAROSCOPIC INSTRUMENTS FOR FOWLER-STEPHENS ORCHIOPEXY: A NEW CLINICAL PARADIGM.**
D Ruckle, S Abourbih, M Keheila, I Kelly, M Chau, J Thomas, A Thomas, BJ Mattison, B West and D Baldwin, Loma Linda, CA. Loma Linda University Health
Abstract 214
- 61 DOES MARIJUANA INTAKE AFFECT OUTCOMES IN LIVING RENAL DONORS AND THEIR RECIPIENTS?**
D Ruckle, M Keheila, B West, BJ Mattison, A Thomas, J Thomas, S Abourbih, M De Vera and D Baldwin, Loma Linda, CA. Loma Linda University Health
Abstract 215
- 62 PRE-HOSPITAL EPINEPHRINE MAY NOT IMPROVE SURVIVAL AFTER BLUNT TRAUMATIC ARREST.**
A Shin, C Fahrenbruch, L Yin, S Husain, M Olsufka, M Sayre, T Rea and B Robinson, Seattle, WA. University of Washington (WSMRF)
Abstract 216
- 63 INTEGRATING VIRTUAL-REALITY BASED ULTRASOUND TUTORIALS FOR DEVELOPING POINT-OF-CARE SKILL SETS AND SPATIAL ANATOMY DURING A MEDICAL ANATOMY COURSE WITH OPUS MINI HAPTIC ULTRASOUND SIMULATOR.**
C Smythe and B Benninger, Lebanon, OR. Western University of Health Sciences
Abstract 217
- 64 ASSESSING DIETARY ADVANCEMENT FOR DYSPHAGIA PATIENTS AT RISK FOR ASPIRATION.**
C Thiel, T Murry, B Crawley and P Krishna, Loma Linda, CA. Loma Linda University

- 65 CONVENTIONAL VERSUS COMPUTER ASSISTED STEREOSCOPIC ULTRASOUND NEEDLE GUIDANCE FOR RENAL ACCESS.**
A Thomas, J Thomas, BJ Mattison, B West, D Ruckle, M Keheila, S Abourbih, R Krause, V Dinh, D Baldwin and D Baldwin, Loma Linda, CA. Loma Linda University School of Medicine
Abstract 219
- 66 THE IMPACT OF A WI-FI BASED HANDS FREE AUDIO SYSTEM ON COMMUNICATION DURING A ROBOTIC SURGERY: A COMPARATIVE, PROSPECTIVE STUDY.**
A Thomas, M Keheila, D Ruckle, M Pierce, BJ Mattison, B West, J Thomas, P Hogue, S Abourbih and D Baldwin, Loma Linda, CA. Loma Linda University School of Medicine
Abstract 220
- 67 INCREASING FUNGAL COLONIZATION WITH INCREASED DURATION OF URETERAL STENTS.**
J Thomas, M Keheila, C Chan, S Cheriyan, B West, BJ Mattison, D Ruckle, P Yang, S Abourbih, J Shen and D Baldwin, Loma Linda, CA. Loma Linda University Medical Center
Abstract 221
- 68 THE OPTIMAL GUIDEWIRE TYPE AND EFFECT OF PRIOR USE ON THE EASE OF URETERAL STENT INSERTION.**
J Thomas, N Khater, D Ruckle, BJ Mattison, B West, H Hodgson, K Myklak, M Alsyouf, J Arenas and D Baldwin, Loma Linda, CA. Loma Linda University Medical Center
Abstract 222
- 69 EFFICACY OF ANTEGRADE AND RETROGRADE WARM SALINE PYELOPERFUSION DURING RENAL CRYOABLATION FOR URETERAL PRESERVATION.**
B West, M Keheila, J Smith, A Erskine, S Abourbih, P Yang, BJ Mattison, A Thomas, D Ruckle, J Thomas and D Baldwin, Loma Linda, CA. Loma Linda University School of Medicine
Abstract 223
- 70 PERCUTANEOUS EXTERNALLY ASSEMBLED LAPAROSCOPIC (PEAL) NEPHRECTOMY: FEASIBILITY OF A NEW SURGICAL TECHNIQUE.**
B West, J Thomas, M Keheila, S Abourbih, I Kelly, S Cheriyan, J Shen, M Pierce and D Baldwin, Loma Linda, CA. Loma Linda University School of Medicine
Abstract 224
- 71 MOHS SURGERY OR RADIATION THERAPY: WHICH IS THE MORE AFFORDABLE TREATMENT FOR NON-MELANOMA SKIN CANCERS OF THE FACE?**
B Willows, A Likhacheva and K Cordova, Phoenix, AZ; Gilbert, AZ and Sun City West,

CONCURRENT SESSIONS

**Friday, January 27, 2017
8:00 AM – 10:00 AM**

Jointly sponsored by

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

**Adolescent Medicine and General Pediatrics II.....Studio 105
Cardiovascular III.....Promenade Lobby
Endocrinology and Metabolism II.....Bingham #3
Gastroenterology.....Babcock #6
Genetics.....Rehearsal Room
Neonatal Pulmonary III.....Carpenter Hall
Neonatology General III.....All Saints Church, Seccombe Hall
Neonatology Perinatal Biology I.....Chapman #4
Surgery III.....Conductor's Room**

Adolescent Medicine and General Pediatrics II

Studio 105 (Sunset Center)

Kim Morishita and Amy Staples, Presiding

8:00 TWO ATYPICAL CASES OF PEDIATRIC LYMPHOHISTIOCYTOSIS.

EH Fisher and M Hogan, Las Vegas, NV. University of Nevada School of Medicine

Abstract 226

8:15 SIGNIFICANT LOCAL PRACTICE VARIATION IN PREDNISONE DOSING FOR CHILDHOOD NEPHROTIC SYNDROME AFFECTS RELAPSING OUTCOMES.

A Roshan, M Catapang, M Sibley, D Matsell and C Mammen, Vancouver, BC, Canada. BC Children's Hospital (WSMRF)

Abstract 227

8:30 THE CHILDHOOD NEPHROTIC SYNDROME CLINICAL PATHWAY REDUCES PRACTICE VARIATION AND IMPROVES RELAPSING OUTCOMES.

M Catapang, A Sanchez, A Roshan, M Sibley, R Humphreys, C Mammen and D Matsell, Vancouver, BC, Canada. BC Children's Hospital

Abstract 228

8:45 FIDELITY TO THE CHILDHOOD NEPHROTIC SYNDROME CLINICAL PATHWAY: HOW WELL ARE WE DOING?

M Catapang, A Sanchez, N Polderman, R Humphreys, C Mammen and D Matsell, Vancouver, BC, Canada. BC Children's Hospital

9:00 IDENTIFYING BIOMARKERS OF DISEASE PROGRESSION IN PEDIATRIC AUTOSOMAL DOMINANT POLYCYSTIC KIDNEY DISEASE PATIENTS.

M Baliga, A Karimpour-Fard, J Klawitter, U Christians, M Cadnapaphornchai and J Klawitter, Aurora, CO. University of Colorado School of Medicine (Abbott Subspecialty Award Winner) (WSMRF)

Abstract 230

9:15 PROTEINURIA, GLOMERULAR FILTRATION RATE AND ALLOGRAFT SURVIVAL IN PEDIATRIC POST RENAL TRANSPLANT POPULATIONS IN A SINGLE CENTER STUDY.

E Park, LR Lovro and A Staples, Albuquerque, NM and Los Angeles, CA. University of New Mexico

Abstract 231

9:30 EFFICACY OF STEROIDS IN PREVENTING LONG-TERM RENAL INVOLVEMENT IN PEDIATRIC PATIENTS WITH HENOCH SCHONLEIN PURPURA (HSP): A COMPREHENSIVE LITERATURE REVIEW.

V Lau, V Chiang, O Kardani, A Kim, E Kwan, A Panchal, J Viswanathan and B Afghani, Los Angeles, CA; Irvine, CA and Orange, CA. UCLA

Abstract 232

9:45 ACUTE KIDNEY INJURY IN 'ATYPICAL' KAWASAKI DISEASE.

CP Chow, H Agarwal and A Staples, Albuquerque, NM. University of New Mexico

Abstract 233

Break 10:00 am – 10:15 am

Cardiovascular III

Promenade Lobby (Sunset Center)

Michele Hamilton, Presiding

8:00 PROLIFERATION SIGNAL INHIBITOR (PSI) IN THE FIRST YEAR WITH INDUCTION THERAPY IS SAFE IN HEART TRANSPLANT PATIENTS.

G Esmailian, T Aintablian, R Levine, M Hamilton and J Kobashigawa, Los Angeles, CA. Cedars-Sinai Medical Center

Abstract 234

8:15 VENO-ARTERIAL EXTRACORPOREAL MEMBRANE OXYGENATION, RECOVERY VERSUS MORTALITY: A SYSTEMATIC REVIEW.

L Colyer, Seattle, WA. University of Washington School of Medicine

Abstract 235

8:30 COMBINED HEART-KIDNEY TRANSPLANT VS HEART ALONE TRANSPLANT IN PATIENTS WITH TOTAL ARTIFICIAL HEART: IS IT VIABLE?

J Kwan, T Aintablian, M Hamilton and J Kobashigawa, Los Angeles, CA. Cedars-Sinai Medical Center

Abstract 236

8:45 SIDE EFFECTS OF PROLIFERATION SIGNAL INHIBITORS LIMIT THEIR PRACTICAL USE AFTER HEART TRANSPLANTATION.

LM Arakawa, T Aintablian, R Levine, M Hamilton and J Kobashigawa, Los Angeles, CA. Cedars-Sinai Medical Center

Abstract 237

9:00 TRENDS IN CARE OF PATENT DUCTUS ARTERIOSUS AMONG EXTREMELY PRETERM INFANTS IN THE UNITED STATES FROM 2003-2012.

M Luu, A Lakshmanan, P Friedlich and S Noori, San Gabriel, CA. Children's Hospital Los Angeles

Abstract 238

9:15 THE RISK OF NAÏVE VS MEMORY PATIENTS AWAITING HEART TRANSPLANTATION: DOES IT MAKE A DIFFERENCE IN POST-TRANSPLANT OUTCOMES?

JM Krems, T Aintablian, M Hamilton and J Kobashigawa, Los Angeles, CA. Cedars-Sinai Medical Center

Abstract 239

9:30 AORTIC DISSECTIONS AND STIMULANT DRUG ABUSE IN NEW MEXICO: A 39-YEAR RETROSPECTIVE REVIEW.

U Shukla, M Aurelius, V Poland and S Lathrop, Albuquerque, NM and Raleigh, NC. University of New Mexico

Abstract 240

9:45 DOES SOCIOECONOMIC STATUS IMPACT OUTCOME FOLLOWING MECHANICAL CIRCULATORY SUPPORT DEVICE IMPLANTATION?

K Ching, T Aintablian, M Hamilton and J Kobashigawa, Los Angeles, CA. Cedars-Sinai Medical Center

Abstract 241

Break 10:00 am – 10:15 am

Endocrinology and Metabolism II

Bingham Room #3 (Sunset Center)

Kristina Utzschneider and Kristen J. Nadeau, Presiding

8:00 YOUTH WITH TYPE 1 DIABETES HAVE HEPATIC AND PERIPHERAL INSULIN RESISTANCE.

JJ Stuppy, M Green, B Bergman, G Coe, A Baumgartner, S Bacon, A Sherzinger, L Pyle and KJ Nadeau, Aurora, CO. University of Colorado Health Sciences, Anschutz Medical Campus (WSMRF)

Abstract 242

8:15 THE EFFECT OF OBESITY ON INSULIN RESISTANCE AND CARDIOVASCULAR RISK IN TYPE 1 DIABETES.

K Strickland, M Green, P Bjornstad, U Truong, L Pyle, A Baumgartner, G Coe, J Thurston, JE Reusch and KJ Nadeau, Oklahoma City, OK and Aurora, CO. University of Oklahoma (WSMRF)

Abstract 243

8:30 THE RELATIONSHIP BETWEEN ACTIGRAPHY AND CONTINUOUS GLUCOSE MONITORING IN YOUTH WITH CYSTIC FIBROSIS.

R Branscomb, T Vigers, K Campbell, L Pyle, KJ Nadeau, S Simon and C Chan, Aurora, CO. University of Colorado Health Sciences (WSMRF)

Abstract 244

8:45 AN ASSESSMENT OF DIAGNOSTIC CRITERIA FOR DIABETIC KETOACIDOSIS.

E Cristiano, A Yehya, D Robbins, F Plapp, L Graves and JM Miles, Kansas City, KS. University of Kansas (WSCI Travel Award Winner)

Abstract 245

9:00 *State-of-the-Art Speaker*

SIMILARITIES AND DIFFERENCES IN INSULIN RESISTANCE IN YOUTH WITH TYPE 1 AND TYPE 2 DIABETES?

Kristen Nadeau, Children's Hospital Colorado

9:30 RELATIONSHIPS BETWEEN BODY FAT DEPOTS AND INSULIN SENSITIVITY IN PEOPLE WITH AND WITHOUT TYPE 2 DIABETES.

E Kapoor, J Almandoz, R Basu and JM Miles, Rochester, MN. Mayo Clinic

Abstract 246

9:45 INSULIN RESISTANCE, RELATIVE POSTPRANDIAL HYPERINSULINEMIA AND MITOCHONDRIAL DYSFUNCTION IN NORMAL WEIGHT GIRLS WITH PCOS.

H Rahat, B Bergman, M Brown, D Singel, B Newcomer, G Coe, L Newnes, A Scherzinger, KJ Nadeau and M Green, Aurora, CO and Harrisburg, VA. UCAMC & CHC (WSMRF)

Abstract 247

Break 10:00 am – 10:15 am

Gastroenterology

Babcock #6 (Sunset Center)

John Inadomi and Hal Yee, Presiding

8:00 EVALUATE AN ANTI-REFLUX PROGRAM IN TREATING LARYNGOPHARYNGEAL REFLUX SYMPTOMS COMPARED WITH ANTI-REFLUX MEDICATIONS.

J Yang, P Krishna and B Crawley, Loma Linda, CA. Loma Linda University School of Medicine (WAFMR/WAP Student Subspecialty Award Winner)

Abstract 248

8:15 THE EFFECT OF HUMAN ESOPHAGEAL MYOFIBROBLAST BMP

SECRETION ON HUMAN ESOPHAGEAL SQUAMOUS EPITHELIUM.
C Niu and A Shaker, Los Angeles, CA. *Keck School of Medicine of USC (WSCI Travel Award Winner) (WAFMR)*

Abstract 249

8:30 SMALL MOLECULE INHIBITION OF THE CHEMOKINE RECEPTOR CXCR3 ATTENUATES EXPERIMENTAL CROHN'S DISEASE.

C Nguyen, O Jensen, P Jedlicka, M Gerich, F Byrne and E McNamee, Denver, CO; Thousand Oaks, CA and Denver, CA. *University of Colorado School of Medicine (WSMRF)*

Abstract 250

8:45 THE EFFECTIVENESS OF PROBIOTICS IN TREATING PEDIATRIC FUNCTIONAL ABDOMINAL PAIN.

T Le, EI Kim, A Huang, K Woo, P Jazirian, S Yue and B Afghani, Irvine, CA and Orange, CA. *University of California, Irvine School of Medicine*

Abstract 251

9:00 HEPATITIS C RELATED NON-CIRRHOTIC HEPATOCELLULAR CARCINOMA: IDENTIFYING GENETIC RISK FACTORS.

D Hussey, M Yeh and Y Liu, Seattle, WA. *University of Washington School Of Medicine (WSMRF)*

Abstract 252

9:15 EFFICACY OF ANTACIDS IN TREATING GASTROESOPHAGEAL REFLUX (GERD) IN INFANTS: A LITERATURE REVIEW.

CN Tran, CJ Huang, RM Sun, MC Hall, A Somani, N Alety, M Chheang and B Afghani, Irvine, CA and Orange, CA. *University of California, Irvine*

Abstract 253

Break 10:00 am – 10:15 am

Genetics

Rehearsal Room (Sunset Center)

Katrina Dipple and Sarah Dugan, Presiding

8:00 NOVEL GENOTYPE AND CLINICAL OUTCOME WITH ETIDRONATE THERAPY IN A NEONATE WITH GENERALIZED ARTERIAL CALCIFICATION OF INFANCY.

A Staples, C Joseph, C Wong, J Love, T Cushing and J Brandt, Albuquerque, NM. *University of New Mexico (WSPR)*

Abstract 254

8:15 PRECISION GENOMICS IN THE DIAGNOSIS OF SYNDROMIC VITREO-RETINOPATHIES.

S Shankar and J Alexander, Sacramento, CA and Atlanta, GA. *UC Davis*

Abstract 255

8:30 CLINICAL AND MOLECULAR CHARACTERIZATION OF SITUS INVERSUS

TOTALIS DUE TO A FRAMESHIFT MUTATION IN *OFDI*.

K Wigby, CI Galarreta Aima and L Bird, San Diego, CA. University of California San Diego

Abstract 256

8:45 KAUFMAN OCULOCEREBROFACIAL SYNDROME: A NOVEL MUTATION IN *UBE3B* IN TWO SIBLINGS AND ADDITIONAL PHENOTYPIC FEATURES.

CI Galarreta Aima, K Wigby, M Rasmussen and M Jones, San Diego, CA. University of California San Diego (WSPR Abbott Nutrition Pediatric Resident Research Award)

Abstract 257

9:00 VARIABLE EXPRESSIVITY IN ALSTRÖM SYNDROME.

N Alsaleh, K Jensen, D Rosenthal, D Stevenson, M Manning and S Hollander, Stanford, CA. Stanford University (WSPR Mead Johnson Travel Award Winner)

Abstract 258

9:15 ZEBRAFISH AT THE BEDSIDE: IN VIVO VALIDATION OF HUMAN DISEASE SEQUENCE VARIANTS.

FB Imam, La Jolla, CA and San Diego, CA. University of California, San Diego (WSPR)

Abstract 259

9:30 USE OF FLOW CYTOMETRY FOR DIAGNOSIS OF EPILEPSY ASSOCIATED WITH HOMOZYGOUS *PIGW* VARIANTS.

GK Foskett, E Engleman, J Klotz, LL Tolentino, O Choi, A Kochhar, Q Yang and D Stevenson, Stanford, CA and Madera, CA. Stanford University

Abstract 260

9:45 MIND THE GAP: SYNGAP1 AND RASOPATHIES.

KA Rauen and L Bivina, Granite Bay, CA and Sacramento, CA. University of California Davis (WSPR)

Abstract 261

Break 10:00 am – 10:15 am

Neonatal Pulmonary III

Carpenter Hall

Erica Mandell and Clyde Wright, Presiding

8:00 DIFFERENTIATION OF MESENCHYMAL STEM CELLS INTO AIRWAY EPITHELIUM FOR USE IN A PORCINE MODEL OF LUNG INJURY.

RJ McCully, L Murata, W Kurata, C Campbell, L Pierce and C Uyehara, Honolulu, HI. Tripler Army Medical Center

Abstract 262

8:15 IGF1 SIGNALING & DOWNSTREAM TARGETS ARE REQUIRED FOR ALVEOLAR FORMATION.

NS Bhopal, S Li, D Mathur, M Dahl, K Albertine, C Ramos, R Ramanathan and P Minoo, Los Angeles, CA; Salt Lake City, UT and San Diego, CA. LAC+USC Medical Center & Children's Hospital Los Angeles, University of Southern California (WSPR Mead)

Johnson Travel Award Winner) (WSMRF)

Abstract 263

8:30 EXTRAUTERINE GROWTH RESTRICTION DOES NOT ALTER LUNG ELASTIN PROTEIN ABUNDANCE IN JUVENILE RATS.

J Zhao, C Bantilan, H Wang, CR Ballard and L Joss-Moore, Salt Lake City, UT and Waterville, ME. University of Utah (WSMRF)

Abstract 264

8:45 *State-of-the-Art Speaker*

MOLECULAR MECHANISMS OF ABNORMAL LUNG DEVELOPMENT IN CONGENITAL DIAPHRAGMATIC HERNIA.

Xin Sun, University of California, San Diego

9:15 INSULIN-LIKE GROWTH FACTOR-1 IN ALVEOLAR FORMATION IN PRETERM LAMBS.

T Aoki, C Miers, A Rebentisch, S Bowen, M Dahl, L Dong, Z Wang, D Null, B Yoder and K Albertine, Salt Lake City, UT and Davis, CA. University of Utah (Abbott Subspecialty Award Winner) (WSMRF)

Abstract 265

9:30 VITAMIN D₃ BLOCKS HYPEROXIA-INDUCED TRACHEAL SMOOTH MUSCLE CELL PROLIFERATION AND DIFFERENTIATION.

R Sakurai, C Lee and V Rehan, Torrance, CA. Harbor-UCLA Medical Center (WSPR)

Abstract 266

9:45 INVASIVE MECHANICAL VENTILATION DECREASES ILEAL FABP2 MRNA IN PRETERM LAMBS.

AL Pyne, H Wang, L Ruybal, L Dong, M Dahl, K Albertine and L Joss-Moore, Salt Lake City, UT. University of Utah

Abstract 267

Break 10:00 am – 10:15 am

Neonatology - Perinatal Biology I

Chapman #4 (Sunset Center)

Laura Brown and Jessie Maxwell, Presiding

8:00 *University of Colorado Fred Battaglia State-of-the-Art Speaker*

PROTECTING THE NEWBORN BRAIN: CAN ERYTHROPOIESIS STIMULATING AGENTS IMPROVE NEURODEVELOPMENTAL OUTCOME?

Robin K. Ohls, University of New Mexico

8:30 DISCOVERY OF NOVEL HYPOXIA-PROTECTIVE AND HEAT-PROTECTIVE GENES USING A ZEBRAFISH DISEASE MODEL.

FB Imam, La Jolla, CA. University of California, San Diego

Abstract 268

- 8:45 PRENATAL ALCOHOL EXPOSURE EXACERBATES CHORIOAMNIONITIS: A PRECLINICAL INVESTIGATION.**
J Maxwell, S Davies, T Yellowhair, D Savage and L Jantze, Rio Rancho, NM. University of New Mexico (Mead Johnson Junior Faculty Travel Awardee)
Abstract 269
- 9:00 HUMANIN AND NOTCH-1 PARTNER IN PROLIFERATING NEUROEPITHELIAL CELLS DURING FETAL NEURODEVELOPMENT.**
C Baldauf, B Shin, H Nakamura, K Lee and SU Devaskar, Los Angeles, CA. University of California, Los Angeles (WSPR)
Abstract 270
- 9:15 ADIPONECTIN PREVENTS OBESITY AND HEPATIC STEATOSIS IN MOUSE OFFSPRING BORN TO OBESE DAMS.**
M Gossling, FJ Rosario, SR Wesolowski, T Jansson and TL Powell, Aurora, CO. University of Colorado (WSPR)
Abstract 271
- 9:30 MATERNAL TOBACCO SMOKE EXPOSURE DIFFERENTIALLY PROGRAMS CANNABINOID RECEPTOR EXPRESSION AND IN ADIPOSE TISSUE OF ADULT RATS.**
CJ Wiscombe, H Wang, IH Trevenzoli and L Joss-Moore, South Weber, UT. University of Utah (Abbott Subspecialty Award Winner)
Abstract 272
- 9:45 INCREASED PLACENTAL FATTY ACID BINDING PROTEIN EXPRESSION IN A BABOON MODEL OF INTRAUTERINE GROWTH RESTRICTION.**
SS Chassen, C Li, T Jansson, P Nathanielsz and TL Powell, Denver, CO; Laramie, WY; San Antonio, TX and Aurora, CO. University of Colorado (WSPR Mead Johnson Travel Award Winner) (WSPR)
Abstract 273

Break 10:00 am – 10:15 am

Neonatology General III

All Saints Church, Seccombe Hall

Rachel Chapman and Erika Fernandez, Presiding

- 8:00 USE OF NASAL INTERMITTENT POSITIVE PRESSURE VENTILATION IN NEONATAL UNITS IN THE UNITED STATES.**
H Muniraman, R Ramanathan and N Iyer, Los Angeles, CA. LAC+USC Medical Center
Abstract 274
- 8:15 HIGH FLOW NASAL CANNULA FOR NEONATAL TRANSPORT.**
B Muniyappa, G Honey and B Yoder, Salt Lake City, UT. University of Utah
Abstract 275

- 8:30 NEONATAL INTUBATION COMPLICATIONS.**
SJ Harris, J Krick, T Sawyer, M Gray and R Umoren, Moscow, ID. University of Washington (Abbott Subspecialty Award Winner)
 Abstract 276
- 8:45 IMPROVING NEONATAL INTUBATION OUTCOMES USING TEAMWORK TRAINING.**
SJ Harris, J Krick, T Sawyer, M Gray and R Umoren, Seattle, WA. University of Washington
 Abstract 277
- 9:00 SURVEY OF VENTILATORY PRACTICES IN MANAGEMENT OF RESPIRATORY DISTRESS SYNDROME IN PRETERM INFANTS.**
H Muniraman, M Biniwale, R Ramanathan and N Iyer, Los Angeles, CA. LAC+USC Medical Center
 Abstract 278
- 9:15 PREDICTORS OF OUTCOMES AFTER SUCCESSFUL LESS INVASIVE POSITIVE PRESSURE SUPPORT DURING RESUSCITATION OF LARGER PRETERM AND TERM INFANTS IN THE DELIVERY ROOM.**
ER Wang, FB Wertheimer, R Ramanathan and M Biniwale, Los Angeles, CA. Keck School of Medicine of USC (WSMRF)
 Abstract 279
- 9:30 ELEVATED SERUM VITAMIN D LEVELS ASSOCIATED WITH NEPHROCALCINOSIS IN PRETERM INFANTS.**
S Malone Jenkins, M Grinsell, K Weaver Lewis, J Felix and G Chan, Salt Lake City, UT and Murray, UT. University of Utah
 Abstract 280
- 9:45 ACUTE KIDNEY INJURY (AKI) IN PRETERM INFANTS RECEIVING INDOMETHACIN FOR PATENT DUCTUS ARTERIOSUS (PDA).**
A De Mello, K McDougal, E Kwan, JY Ting and C Mammen, Vancouver, BC, Canada. BC Children's Hospital
 Abstract 281

Break 10:00 am – 10:15 am

Surgery III

Conductor's Room

Subhas Gupta and Steve Arnsworth, Presiding

- 8:00 MITOCHONDRIAL ASSESSMENT OF REPERFUSED PORCINE LUNGS FOLLOWING COLD STATIC STORAGE.**
RP Palsma, D Schipper and Z Khalpey, Tucson, AZ. University of Arizona
 Abstract 282
- 8:15 MANAGEMENT OF LARGE WOUND DEFECTS WITH CONTINUOUS TISSUE EXPANDERS.**

Y Choi and B Gociman, Salt Lake City, UT. University of Utah School of Medicine
Abstract 283

8:30 SURVIVORSHIP ANALYSIS OF MODULAR FEMORAL STEMS IN TOTAL HIP ARTHROPLASTY, MINIMUM 10 YEAR FOLLOW-UP.
E Mehic and D Scott, Richland, WA. University of Washington
Abstract 284

8:45 INNOVATION, ENGINEERING AND ANATOMY: PARADIGM SHIFT, ULTRASOUND ASSESSING IMPLANT POSITIONING, RESTORING THE HAND "ORGAN".
H Swift and B Benninger, Lebanon, OR. Western University of Health Sciences
Abstract 285

9:00 MATCHED COMPARISON OF CONVENTIONAL FLUOROSCOPY, ULTRASOUND GUIDANCE AND THE LASER DIRECT ALIGNMENT RADIATION REDUCTION TECHNIQUE FOR PERCUTANEOUS NEPHROLITHOTOMY.
BJ Mattison, S Abourbih, M Keheila, P Yang, M Alsyouf, J Smith and D Baldwin, Loma Linda, CA. Loma Linda University School of Medicine
Abstract 286

9:15 PEDIATRIC PATIENTS WITH COCHLEAR IMPLANTS: OBSTACLES TO FULL-TIME UTILIZATION.
GS Yi, P Tellez, R Chia, J Pauwels and F Kozak, Vancouver, BC, Canada. University of British Columbia (WAFMR)
Abstract 287

9:30 SRC IS PART OF THE MECHANOTRANSDUCTION RESPONSE TO STIFF MATRIX IN PRIMARY HEPATOCYTES.
MC Yoshida, VX Zhou and TT Chang, Pomona, CA and San Francisco, CA. Western University of Health Sciences (WSMRF)
Abstract 288

9:45 DUAL CATHETER HEMOSTATIC SANDWICH TECHNIQUE FOR CONTROL OF TRACT HEMORRHAGE FOLLOWING PERCUTANEOUS NEPHROLITHOTOMY.
BJ Mattison, M Keheila, I Kelly, S Abourbih, M Lightfoot, R Li, M Alsyouf, K Myklak and D Baldwin, Loma Linda, CA. Loma Linda University School of Medicine
Abstract 289

Break 10:00 am – 10:15 am

CONCURRENT SESSIONS

Friday, January 27, 2017
10:15 AM – 12:30 PM

Jointly sponsored by

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

Behavior and Development I.....Chapman #4
Global Health II.....Promenade Lobby
Health Care Research II.....Babcock #6
Hematology and Oncology II.....Carpenter Hall
Infectious Diseases II.....Bingham Room #3
Morphogenesis and Malformations.....Rehearsal Room
Neonatology General IV.....All Saints Church, Seccombe Hall
Nephrology and Hypertension.....Green Room
Neuroscience II.....Conductor’s Room
Surgery IV.....Studio 105

Behavior and Development I
Chapman #4 (Sunset Center)
Irene M. Loe and Nicole Tartaglia, Presiding

10:15 NONWORD REPETITION SKILLS OF YOUNG CHILDREN BORN PRETERM.
LD Gresch, EC Loi, M Ashland, VA Marchman and HM Feldman, Stanford, CA.
Stanford University

Abstract 290

10:30 DEVELOPMENTAL DIFFERENCES IN THE EARLY STAGES OF LEARNING TO READ IN CHILDREN BORN PRETERM AND FULL TERM.
LR Borchers, VA Marchman and HM Feldman, Stanford, CA. Stanford University

Abstract 291

10:45 PRENATAL INFECTIONS AND RISK OF AUTISM, INTELLECTUAL DISABILITY AND/OR EPILEPSY.
HR Haber, G Xing and CK Walker, Sacramento, CA. University of California, Davis
(Abbott Subspecialty Award Winner) (WSMRF)

Abstract 292

11:00 *State-of-the-Art Speaker*
LIFE COURSE RESEARCH WITH THE COHORT IN SANTIAGO, CHILE.
Sheila Gahagan, University of California, San Diego

11:30 IMPACT OF CHRONIC MEDICAL CONDITIONS ON ACADEMICS OF CHILDREN IN THE CHILD WELFARE SYSTEM.
E Whitgob and IM Loe, Palo Alto, CA. Stanford University
Abstract 293

11:45 SUBSTANCE USE DISORDER AND CONDUCT DISORDER IN ADOLESCENCE PREDICT MEDICAL CANNABIS CARD STATUS IN ADULTHOOD.
J Kim, J Sakai, S Young, K Raymond, C Hopfer, T Wall and M Coors, Aurora, CO and San Diego, CA. University of Colorado (WSMRF)
Abstract 294

Global Health II
Promenade Lobby (Sunset Center)
, *Presiding*

10:15 DIABETIC FOOT AMPUTATION IN SOROTI, UGANDA - THE PATIENT PERSPECTIVE.
J Blanco, L Kim, AR Hengel, R Jinah, D Duffy, M Ajiko and J Chanoine, Vancouver, BC, Canada and Soroti, Uganda. University of British Columbia
Abstract 295

10:30 TACKLING MALNUTRITION AND ANEMIA IN THE SACRED VALLEY OF PERU.
C Schuelke, Bozeman, MT. University of Washington
Abstract 296

10:45 DECREASING TOBACCO SMOKING IN DHULIKHEL, NEPAL THROUGH CESSATION COUNSELING AND EDUCATIONAL PROGRAMS.
K Cleasby, Helena, MT. University of Washington School of Medicine
Abstract 297

11:00 MIXED-METHODS COMPARISON OF FAMILY PLANNING MODELS.
K Rikhranj, K Merali, T Mohamed, B Boorman, V Kapoor and R Kalyesubula, Vancouver, BC, Canada; Nakaseke, Uganda and Kampala, Uganda. University of British Columbia (WSMRF)
Abstract 298

11:15 FORMING FIRST-AID HEALTH BRIGADES IN A PERUVIAN SHANTYTOWN SCHOOL.
J Copeland, Moscow, ID. University of Washington (WSMRF)
Abstract 299

11:30 THE ASSESSMENT AND SUSTAINABLE MANAGEMENT OF SICKLE CELL DISEASE IN THE INDIGENOUS THARU POPULATION OF NEPAL.
J Yeo, A Cherukupalli, AK Malhotra, E Busto, B Giang, L Halperin, M McKeown, K Stromgren, M Marchand, C Bell, C Gill and V Kapoor, Vancouver, BC, Canada. University of British Columbia
Abstract 300

11:45 HEALTH OUTCOMES OF LOW BIRTH WEIGHT INFANTS FOLLOWING IMPLEMENTATION OF A HOSPITAL-TO-COMMUNITY IN-HOME SURVEILLANCE INTERVENTION IN RURAL GUJARAT, INDIA: AN INTERIM ANALYSIS.

R Patel, C Stiglmeier, P Brahmabhatt, C Maloney, B Fassl and R Malhotra, Syracuse, NY and Mota Fofalia, India. *University of Utah (WSCI Travel Award Winner)*

Abstract 301

12:00 STRENGTHENING THE LOCAL HEALTH AND SOCIAL SAFETY NET OF FEMALE SEX WORKERS IN NAIVASHA, KENYA.

J Wooley, Anchorage, AK. *University of Washington School of Medicine*

Abstract 302

Health Care Research II

Babcock #6 (Sunset Center)

Maralyssa Bann, Presiding

10:15 OUTPATIENT BURN CARE AT BC CHILDREN'S HOSPITAL BURN TREATMENT ROOM: A 3-YEAR REVIEW.

R Chan, A Van Slyke, M Bucevska, R Courtemanche and C Verchere, Vancouver, BC, Canada. *University of British Columbia (WSMRF)*

Abstract 303

10:30 TELEDERMATOLOGY: A STUDY COMPARING DIAGNOSIS AND MANAGEMENT OF DERMATOLOGICAL CONDITIONS IN THE EMERGENCY DEPARTMENT.

M Hakimi, D Barnes and R Sivamani, Brentwood, CA. *University of California Davis School of Medicine (WAFMR/WAP Student Subspecialty Award Winner)*

Abstract 304

10:45 ASSESSING CALIFORNIA INSURANCE NETWORK ADEQUACY IN GENERAL PSYCHIATRY.

K Wong, Z Yang, V Lee and RM McCarron, Pomona, CA; Washington, DC and Davis, CA. *Western University of Health Sciences, College of Osteopathic Medicine of the Pacific*

Abstract 305

11:00 THE ASSOCIATION BETWEEN INSURANCE STATUS AND THE TRANSFER OF PEDIATRIC PATIENTS WITH MENTAL HEALTH DISORDERS FROM EMERGENCY DEPARTMENTS.

JL Kisse, Y Huang, JL Rosenthal, P Dayal and JP Marcin, Saramento, CA. *University of C Davis Health System*

Abstract 306

11:15 INSURANCE STATUS IS ASSOCIATED WITH AMBULANCE USE IN THE PEDIATRIC POPULATION.

P Dayal, TK Ruttan and JP Marcin, Sacramento, CA. *University of California Davis*

Abstract 307

11:30 PEDIATRIC INTENSIVE CARE UNIT OUTCOMES AMONG CHILDREN ADMITTED FROM EMERGENCY DEPARTMENTS.

P Dayal, I Sigal, D Hallam, JE Natale, JP Marcin and JM Evans, Sacramento, CA.
University of California Davis Health System

Abstract 308

11:45 ANTICOAGULATION USE, FIELD TRIAGE, AND OUTCOMES OF OLDER ADULTS WITH HEAD INJURY TRANSPORTED BY EMERGENCY MEDICAL SERVICES.

MA Gilbert and D Nishijima, Sacramento, CA. *University of California, Davis*

Abstract 309

12:00 AN ANALYSIS OF GENERATIONS AND INTERGENERATIONAL CONFLICTS IN THE EMERGENCY ROOM.

NJ Leung, ET Reibling and EL Walters, Loma Linda, CA. *Loma Linda University*

Abstract 310

12:15 REPRESENTATION OF WOMEN AMONG ACADEMIC GRAND ROUNDS SPEAKERS.

JR Boiko, AJ Anderson and RA Gordon, San Francisco, CA and Pittsburgh, PA.

University of California, San Francisco (WSCI Travel Award Winner) (WSMRF)

Abstract 311

Hematology and Oncology II

Carpenter Hall

Thomas Deloughery and Jorge Nieva, Presiding

10:15 RHOB LOSS DURING AGING CAUSES INCREASED C-MYC AND PROMOTES LUNG TUMORIGENESIS.

E Gutierrez, N Zhang, Y Song, H Tian, Y Zhang, R Chan, N Connis, C Hann, P Dennis and C Zhang, Pomona, CA and Baltimore, MD. *College of Osteopathic Medicine of the Pacific (WAFMR/WAP Student Subspecialty Award Winner) (WSMRF)*

Abstract 312

10:30 KARYOMETRY IDENTIFIES A DISTINGUISHING FALLOPIAN TUBE EPITHELIUM PHENOTYPE IN SUBJECTS AT HIGH RISK FOR OVARIAN CANCER.

SJ Russell, G Rodriguez, M Yozwiak, C Patel, M Maarouf, H Bartels, J Barton, P Bartels and D Alberts, Tucson, AZ and Evanston, IL. *University of Arizona*

Abstract 313

10:45 THE ROLE OF WNT LIGANDS IN THE PROGRESSION OF BRAF-DRIVEN LUNG TUMORS.

JP Tomaszewski and M McMahon, Salt Lake City, UT. *University of Utah School of Medicine*

Abstract 314

11:00 TRIMODALITY THERAPY FOR RESECTABLE GASTRIC CANCER:

ANALYSIS OF THE BENEFIT IN RADIATION.

BS Thind, T Mullen, D Christensen and T Miller, Everett, WA. University of Washington
Abstract 315

11:15 SMALL MOLECULES ENHANCE THE EFFECTS OF PROTON IRRADIATION ON GLIOBLASTOMA CELL LINE (U-138).

CL Winter, JJ Sackett, T Teichman, K Boyle and M Vazquez, Loma Linda, CA. Loma Linda University School of Medicine

Abstract 316

11:30 RNF20 OVEREXPRESSION MAY CONFER CHEMOTHERAPY RESISTANCE IN ACUTE LYMPHOBLASTIC LEUKEMIA.

E Sasine and K Bernt, Denver, CO. University of Colorado School of Medicine (WSMRF)

Abstract 317

11:45 THE CYTOTOXIC EFFECTS OF DUOCARMYCIN-SA ON GLIOBLASTOMA MULTIFORME CELL LINE.

JJ Sackett, CL Winter, T Teichman, K Boyle and M Vazquez, Loma Linda, CA. Loma Linda University School of Medicine

Abstract 318

12:00 EVALUATING THE QUALITY OF ONLINE RESOURCES FOR ESOPHAGEAL CANCER PATIENTS.

S Das, L DeGroot and P Ingledew, Vancouver, BC, Canada. University of British Columbia

Abstract 319

12:15 CANCEROUS WEBSITES? ANALYZING THE QUALITY OF PROSTATE CANCER WEB RESOURCES.

KJ Kobes and P Ingledew, Vancouver, BC, Canada. University of British Columbia

Abstract 320

Infectious Diseases II

Bingham Room #3 (Sunset Center)

Fred Buckner, David Gilbert, and Ravi Durvasula, Presiding

10:15 PRECLINICAL DEVELOPMENT OF NOVEL ANTIBIOTICS AGAINST GRAM POSITIVE BACTERIA.

O Faghieh, F Buckner, E Fan, Z Zhangsheng, JR Gillespie and RM Ranade, Redmond, WA and Seattle, WA. University of Washington

Abstract 321

10:30 DEVELOPMENT OF RECOMBINANT VARICELLA ZOSTER VIRUS CONTAINING REGULATABLE CRISPR-CAS9.

C Spandler and R Mahalingam, Denver, CO. University of Colorado School of Medicine (WSMRF)

Abstract 322

10:45 EVALUATION OF *CLOSTRIDIUM DIFFICILE* INFECTIONS (CDI),

BLOODSTREAM INFECTIONS (BSI), AND THE MICROBIOME IN PEDIATRIC ONCOLOGY PATIENTS.

B Nycz, SR Dominguez, D Ir, C Robertson and D Frank, Boulder, CO. University of Colorado School of Medicine (WSMRF)

Abstract 323

11:00 EVALUATION OF ALTERNATIVE ZOSYN (PIPERACILLIN/TAZOBACTAM) INFUSION STRATEGIES.

A Heidari, MQ Nguyen, J Jolliff and J Joson, Bakersfield, CA. Kern Medical - UCLA

Abstract 324

11:15 ATTITUDES TOWARDS NOVEL HIV PREVENTION STRATEGIES AMONG FEMALE SEX WORKERS IN PUNE, INDIA.

YM Chang, T Gilada, T Sevekari and A Duerr, Seattle, WA and Pune, India. Fred Hutchinson Cancer Research Center

Abstract 325

11:30 MENTAL HEALTH AND PSYCHOSOCIAL FACTORS AFFECTING ADHERENCE TO HIV TREATMENT IN SUB-SAHARAN AFRICA: A SYSTEMATIC REVIEW.

J Wykowski and P Drain, Seattle, WA. University of Washington

Abstract 326

11:45 DISSEMINATED GONOCOCCAL INFECTION MASQUERADING AS SYSTEMIC LUPUS ERYTHEMATOUS FLARE.

S Lee, Las Vegas, NV. University of Nevada School of Medicine

Abstract 327

12:00 IMPLEMENTATION CHALLENGES OF POINT-OF-CARE TESTING: EVIDENCE FROM THREE CASE STUDIES IN AN INFECTIOUS DISEASE CENTER IN DURBAN, SOUTH AFRICA.

K Stime, N Garrett and P Drain, Durban, South Africa and Seattle, WA. University of Washington

Abstract 328

12:15 A CASE OF SIADH INDUCED BY DISSEMINATED CNS COCCIDIOIDOMYCOSIS.

A Ammar, A Heidari, T Barrett and S Ratnayake, Bakersfield, CA. UCLA Kern Medical

Abstract 329

Morphogenesis and Malformations

Rehearsal Room (Sunset Center)

Miguel del Campo and Melanie Manning, Presiding

10:15 *State-of-the-Art Speaker*

TBA
TBA

10:45

HOMOZYGOUS VARIANT IN *CDC7*: A NEW MOLECULAR ETIOLOGY FOR MEIER GORLIN SYNDROME.

CJ Curry and RJ Okamura, Fresno, CA. University of California San Francisco (WSPR)

Abstract 330

11:00 A NOVEL AUTOSOMAL DOMINANT MICROCEPHALY SYNDROME DUE TO VARIANTS IN *KMT2B*

MW Allain, E Farrelly, L Rohena and D Stevenson, Palo Alto, CA and San Antonio, TX. Stanford University

Abstract 331

11:15 GENETIC RE-INTERPRETATION REVEALS NOVEL *ARF1* VARIANTS IN BRAIN MALFORMATION INDIVIDUALS.

J Shieh, San Francisco, CA. University of California San Francisco (WSPR)

Abstract 332

11:30 PRENATAL INFECTION BY THE ZIKVE VIRUS. DELINEATION OF THE PHENOTYPES.

M del Campo, I Feitosa and L Shüller-Faccini, San Diego, CA and Porto Alegre, Brazil. University of California, San Diego (WSPR Mead Johnson Travel Award Winner) (WSPR)

Abstract 333

11:45 MATERNAL DIABETES-RELATED CONGENITAL MALFORMATIONS IN A POPULATION-BASED STUDY IN UTAH.

JC Carey, L Botto, J Byrne, S Krikov and M Feldkamp, Salt Lake City, UT. University of Utah (WSPR)

Abstract 334

12:00 PRADER-WILLI SYNDROME WITH UNANTICIPATED RENAL COMPLICATIONS.

A Abu-El-Haija and J Shieh, San Francisco, CA. University of California San Francisco (WSPR)

Abstract 335

Neonatology General IV

All Saints Church, Seacombe Hall

Henry Lee and Robin K. Ohls, Presiding

**10:15 JOAN E. HODGMAN LECTURE
THE MOST IMPORTANT WORDS IN SCIENCE.**

Kristi Watterberg, University of New Mexico

10:45 NEURODEVELOPMENTAL OUTCOMES AFTER ADMINISTRATION OF LATE SURFACTANT IN THE TOLSURF TRIAL.

EE Rogers, RL Keller, RA Ballard and T O'Shea, San Francisco, CA and Chapel Hill,

**11:00 LIMB PROPRIOCEPTIVE STIMULATION STABILIZES
CARDIORESPIRATORY PARAMETERS WITHOUT DISRUPTING SLEEP IN
PREMATURE NEONATES.**

*K Kesavan, D Cordero, C White and RM Harper, Los Angeles, CA. University of
California (Mead Johnson Junior Faculty Travel Awardee) (WSPR)*

Abstract 337

**11:15 PARENTAL ASSESSMENT OF EXECUTIVE FUNCTION IN FORMER
PRETERM INFANTS.**

*CC Milner, RK Ohls, D Cannon, J Phillips, A Caprihan, S Wiedmeier, S Patel, M Steffen,
R Yeo, R Campbell, S Baker, S Gonzales and J Lowe, ABQ, NM and SLC, UT.
University of New Mexico*

Abstract 338

**11:30 LACK OF A UNIFYING DIAGNOSIS: WHOLE EXOME SEQUENCING
IDENTIFIES 2 DE NOVO MUTATIONS IN A PATIENT WITH A COMPLEX
PHENOTYPE.**

MM Martin, Sacramento, CA. University of California Davis

Abstract 339

**11:45 EARLY DIAGNOSIS AND TREATMENT OF PRADER WILLI SYNDROME: IS
NEWBORN SCREEN FEASIBLE?**

*P Singh, A Nalbandian, L Weiss, M Oakes, W Hossain, M Butler and V Kimonis,
Orange, CA; Irvine, CA and Kansas City, KS. University of California Irvine*

Abstract 340

**12:00 ELECTRICAL CARDIOMETRY IN PREDICTING RESPONSE TO IBUPROFEN
TREATMENT FOR PATENT DUCTUS ARTERIOSUS AMONG VERY LOW
BIRTH WEIGHT INFANTS: A PROSPECTIVE STUDY.**

*K Hsu, T Wu and S Noori, Los Angeles, CA and Taoyuan, Taiwan. Center for Fetal and
Neonatal Medicine, Division of Neonatal Medicine, Children's Hospital Los Angeles and
LAC+USC Medical Center, Keck School of Medicine, University of Southern California,
Los Angeles, CA*

Abstract 341

**12:15 SPLANCHNIC TISSUE OXYGENATION IS AFFECTED IN PREMATURE
BABIES WITH PATENT DUCTUS ARTERIOSUS.**

*KL Braski, B Reich, M Loertscher, K Weaver Lewis and M Baserga, Salt Lake City, UT
and Murray, UT. University of Utah*

Abstract 342

Nephrology and Hypertension

Green Room (Sunset Center)

Charles Edelstein and Kristen Nowak, Presiding

10:15 INITIAL EXPERIENCE WITH THE BACTERIAL ENZYME IDES (IGG

ENDOPEPTIDASE) FOR DESENSITIZATION OF HIGHLY HLA-SENSITIZED KIDNEY TRANSPLANT PATIENTS.

SC Jordan, J Choi, C Kjellman, L Winstedt, X Zhang, M Toyoda, S Ge, A Peng, S Louie, A Kang, M Haas, C Nast and A Vo, LA, CA and Lund, Sweden. Cedars-Sinai Medical Center

Abstract 343

10:30 METHODS FOR IN VIVO DETECTION OF AUTOPHAGY IN POLYCYSTIC KIDNEY DISEASE (PKD).

C Edelstein, A Thorburn and K Ravichandran, Aurora, CO. University of Colorado (WAP)

Abstract 344

10:45 CLINICAL BIOMARKERS OF CHILDHOOD NEPHROTIC SYNDROME PREDICT UNFAVORABLE DISEASE.

A Roshan, A Alshami, M Catapang, J Jobsis, M Sibley, C Mammen and D Matsell, Vancouver, BC, Canada. BC Children's Hospital

Abstract 345

11:00 TRYPTOPHAN PATHWAY ACTIVITY SPECIFIC TO ACUTE KIDNEY ALLOGRAFT REJECTION IN CHILDREN.

A Wong, L Wang, A Sharma, D Wishart and TD Blydt-Hansen, Edmonton, AB, Canada; Winnipeg, MB, Canada and Vancouver, BC, Canada. University of British Columbia (WSPR)

Abstract 346

11:15 PROSTATE CANCER METASTATIC TO THE RENAL ALLOGRAFT.

A Alaini and K SERVILLA, Albuquerque, NM. UNM

Abstract 347

Neuroscience II

Studio 105 (Sunset Center)

Marie-Francois Chesselet, Presiding

10:15 MULTIMODAL BRAIN IMAGING IN PATIENTS RECEIVING BRIGHT LIGHT THERAPY FOLLOWING A MILD TRAUMATIC BRAIN INJURY.

BR Shane, JR Vanuk, S Bajaj, M Millan and WD Killgore, Tucson, AZ. University of Arizona

Abstract 348

10:30 THE RELATIONSHIP BETWEEN ABNORMAL WHITE MATTER CONNECTIONS AND WORKING MEMORY AND LANGUAGE ABILITY IN CHILDREN AT GENETIC RISK FOR SCHIZOPHRENIA.

Z Fitzgerald, A Lyall, O Pasternak, E Molokotos, O Lutz, R Meshulam-Gately, J Wojcik, B Brent, H Thermenos, S Gabrieli, J Gabrieli, M Keshavan, M Kubicki and L Seidman, Boston, MA and Seattle, WA. UWSOM (WAFMR/WAP Student Subspecialty Award Winner) (WSMRF)

Abstract 349

- 10:45 THE EFFECTS OF RETINOIC ACID ON MUTANT ISOCITRATE DEHYDROGENASE GLIOMA CELLS.**
CM Tull, Seattle, WA. University of Washington
 Abstract 350
- 11:00 TUMOR NECROSIS FACTOR INCREASES EVOKED RESPONSE POTENTIAL IN CO-CULTURES OF NEURONS AND GLIA *IN VITRO*.**
MD Rockstrom and JM Krueger, Spokane, WA. University of Washington
 Abstract 351
- 11:15 A SIGNAL-TO-NOISE RATIO METRIC FOR COGNITIVE PERFORMANCE ON THE PSYCHOMOTOR VIGILANCE TEST.**
VP Chavali, S Riedy and H Van Dongen, Seattle, WA and Spokane, WA. University of Washington
 Abstract 352
- 11:30 EYE MUSCLE SPASMS CO-ACTIVATE WITH CEREBELLAR AND SENSORIMOTOR CORTICAL REGIONS IN BLEPHAROSPASM.**
A Glickman, E Shelton and B Berman, Denver, CO. University of Colorado School of Medicine (WSMRF)
 Abstract 353
- 11:45 INTERACTION BETWEEN THE BASAL GANGLIA AND THE CEREBELLAR CIRCUITS IN PARKINSONIAN RESTING TREMOR.**
PL Nguyen, E Shelton and B Berman, Denver, CO and Aurora, CO. University of Colorado (WSMRF)
 Abstract 354
- 12:00 DISTINGUISHING GLIOBLASTOMA RECURRENCE FROM PSEUDOPROGRESSION WITH MAGNETIC RESONANCE IMAGING AND SPECTROSCOPY.**
HK Caulkins and N Serkova, Monument, CO. University of Colorado School of Medicine (WSMRF)
 Abstract 355

Surgery IV

Conductor's Room

Subhas Gupta and Steve Arnsworth, Presiding

- 10:15 ADVENTURES IN SURGERY: AN ON-LINE METHOD OF DEVELOPING CLINICAL REASONING SKILLS.**
GK Blair and A O'Leary, Galway, Ireland and Vancouver, BC, Canada. National University of Ireland, Galway (WAFMR)
 Abstract 356
- 10:30 INTRAVENOUS LIDOCAINE REDUCES POST-OPERATIVE PAIN AND OPIATE REQUIREMENT IN PATIENTS UNDERGOING EXTERNAL FIXATION.**
WB Koo, H Chhina and A Cooper, Vancouver, BC, Canada. University of British

10:45 RELATIONSHIP OF PERIOPERATIVE VARIABLES AND RENAL FUNCTION IN PEDIATRIC RENAL TRANSPLANTATION: A SINGLE-CENTER STUDY.

B Zheng, EM Carreras and AI Campbell, Langley, BC, Canada and Vancouver, BC, Canada. University of British Columbia

Abstract 358

11:00 CONSIDERATION OF LIMB LENGTH INEQUALITY IN THE TREATMENT OF UPPER EXTREMITY PEDIATRIC BONE SARCOMA.

K Barber, C Beebe, C Anderson and T Heare, Denver, CO and Aurora, CO. University of Colorado School of Medicine

Abstract 359

11:15 OPTIMAL TIMING OF RADIATION IN IMPLANT BASED BREAST RECONSTRUCTION.

AL Kanna and H Kim, Loma Linda, CA. Loma Linda University

Abstract 360

11:30 THE SEARCH FOR A NOVEL HUMAN SKIN STERILANT.

M Lewis, AL Wong, BZ Schaeffer, B Bauer and G Botimer, Loma Linda, CA. Loma Linda University

Abstract 361

11:45 ANIMAL MODELS FOR TOTAL JOINT ARTHROPLASTY: A SYSTEMATIC REVIEW.

G Chin, D Dave and ST Campbell, Irvine, CA; Stanford, CA and San Diego, CA. University of California, Irvine (WSMRF)

Abstract 362

12:00 PREOPERATIVE CAPTURE OF AMERICAN SOCIETY OF ANESTHESIOLOGY CLASS AND FUNCTIONAL HEALTH STATUS FOR THE SURGICAL RISK PREOPERATIVE ASSESSMENT SYSTEM.

DN Paz de Araujo, Aurora, CO. University of Colorado School of Medicine

Abstract 363

12:15 TREATING MACULAR DEGENERATION WITH POLYACRYLONITRILE FIBERS.

J Hoang and J Olson, Denver, CO and Aurora, CO. University of Colorado School of Medicine

Abstract 364

INVESTIGATOR WORKSHOP

Friday, January 27, 2017

12:30 PM – 1:30 PM

The American Federation for Medical Research and the Tri-Societies are pleased to sponsor a workshop for *Fellows and Junior Faculty*. Additional charge of \$10 and lunch will be provided.

HOW TO GET FUNDED: TIPS FROM A STUDY SECTION MEMBER

Amir Goldkorn, USC Keck School of Medicine

Panel Discussion with Carmel Research Prize Recipients:

Clyde Wright, University of Denver and Ajai Dandekar, University of Washington

Sunset Center – Green Room

12:30 PM – 1:30 PM

HOW TO CHOOSE A RESIDENCY WITH A RESEARCH FOCUS

Dr. Whipple

Bring own lunch – Open to all students

Sunset Center – Chapman #4

JOINT PLENARY SESSION

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

Sunset Center Theater

Friday, January 27, 2017

1:30 PM – 5:00 PM

Alberta Kong and Philippe Montgrain, Presiding

1:30 WSPR ABBOTT NUTRITION LOWELL GLASGOW STUDENT RESEARCH AWARD

FORMER PRETERM LAMBS HAVE NEURODEVELOPMENTAL IMPAIRMENTS LATER IN LIFE.

S Bowen, A Havlicak, C Jarratt, C Yost, E Dawson, J Beachy, M Dahl, D Null, B Yoder and K Albertine, Salt Lake City, UT; Davis, CA and New Hyde Park, NY. University of Utah (WSMRF)

Abstract 365

1:45 WSPR ABBOTT NUTRITION DAVID W. SMITH PEDIATRIC TRAINEE RESEARCH AWARD

A PATIENT-CENTERED STUDY OF THE DIAGNOSIS AND CLINICAL CHARACTERISTICS OF JOUBERT SYNDROME.

MR Ruzhnikov, JJ Bear, MD Smith and D Knutzen, Stanford, CA; Denver, CO;

2:00 E.E. OSGOOD AWARD

SURVIVAL IN *BRCA1* OR *RAD51C* METHYLATED VERSUS MUTATED OVARIAN CARCINOMA.

SS Bernards, KP Pennington, MI Harrell, KJ Agnew, BM Norquist and EM Swisher, Seattle, WA. University of Washington (WSMRF)

Abstract 367

2:15 WAFMR OUTSTANDING INVESTIGATOR AWARD

MEASURING UNMET NEEDS FOR ANTICIPATORY GUIDANCE AMONG ADOLESCENTS AT SCHOOL-BASED HEALTH CENTERS.

MM Ramos, R Sebastian, S Stumbo, J McGrath and G Fairbrother, Albuquerque, NM; Ft. Meyers, KY; Baltimore, MD and Washington, DC, WA. University of New Mexico (WSPR)

Abstract 368

2:30 WSPR ABBOTT NUTRITION YOUNG INVESTIGATOR RESEARCH AWARD

IMPACT OF THE PERINATAL ENVIRONMENT ON HEALTH AND THE CHROMATIN LANDSCAPE.

Erin Zinkhan, University of Utah

3:00 – 3:15 pm Intermission

W. Conrad Liles and Frederick Buckner, Presiding

3:15 WSPR STANLEY WRIGHT MEMORIAL LECTURE

THE BEGINNING OF THE END OF CERVICAL CANCER.

Cosette Wheeler, University of New Mexico

3:45 WAP DISTINGUISHED LECTURESHIP

Need speaker name, institution, talk title

4:15 WSCI OUTSTANDING INVESTIGATOR AWARD

FROM APOPTOSIS TO AUTOPHAGY IN ACUTE KIDNEY INJURY (AKI) AND POLYCYSTIC KIDNEY DISEASE (PKD)

Charles L. Edelstein, University of Colorado Denver

4:45 WSCI MAYO SOLEY AWARD

Presenter: Edward Crandall, *Keck School of Medicine of University of Southern California*

Recipient: Zea Borok, *Keck School of Medicine of University of Southern California*

5:00 ADJOURN

5:00 WSPR BUSINESS MEETING

5:00 WSCI BUSINESS MEETING

CONCURRENT SESSIONS

**Saturday, January 28, 2017
8:00 AM – 10:00 AM**

Jointly sponsored by

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

**Adolescent Medicine and General Pediatrics III.....Rehearsal Room
Behavior and Development II.....Chapman Room#4
Case Reports.....Bingham Room #3
Community Health II.....Conductor's Room
General Internal Medicine and Aging.....Babcock #6
Neonatology General V.....Carpenter Hall
Neonatology Perinatal Biology II.....Studio 105
Pulmonary and Critical Care II.....Promenade Lobby**

Adolescent Medicine and General Pediatrics III

Rehearsal Room (Sunset Center)

Douglas Matsell and Kim Morishita, Presiding

**8:00 ELICITING HEALTH NEEDS IN ORPHANED POPULATIONS: A
PHOTOVOICE PROJECT IN NEPAL.**

*K Dullemond, J Zhang and C Courneya, Vancouver, BC, Canada. University of British
Columbia*

Abstract 369

8:15 A SKULL DEPRESSION IN A 9-MONTH OLD GIRL.

*AE Galvis, A Shoo and AR Shedlock, Reno, NV. University of Nevada School of
Medicine*

Abstract 370

**8:30 A COUGH WITH NO BREATH SOUNDS: A PRESENTATION OF AN ORPHAN
CANCER.**

AN Gray and R Manalo, Fresno, CA. University of California San Francisco, Fresno

Abstract 371

**8:45 CORRELATION OF BLOOD LEAD LEVELS IN CHILDREN WITH AUSTISM
SPECRUM DISORDER (ASD) AND ATTENTION DEFICIT HYPERACTIVITY
DISORDER (ADHD): A LITERATURE REVIEW.**

JA Thach, R Ahn, N Baskaran, J Epstein, A Gomathinayagam, R Gupta and B Afghani,

Irvine, CA and Orange, CA. *University of California, Irvine*

Abstract 372

**9:00 HIGH AMBIENT TEMPERATURES AS A CAUSE OF NEONATAL FEVER?
INVESTIGATING THE ASSOCIATION BETWEEN ENVIRONMENTAL
TEMPERATURE AND NEWBORN BODY TEMPERATURE.**

M Indart, K Vlasic and B Fassl, Salt Lake City, UT. University of Utah

Abstract 373

**9:15 EARLY INTRODUCTION OF FOOD ALLERGENS AND ITS EFFECTS ON
DEVELOPING FOOD ALLERGIES.**

*R Chow, E Kim, S Lin, A Liu, Y Nagpal, J Shin, A Soni and B Afghani, Chino, CA;
Irvine, CA and Orange, CA. University of California, Los Angeles (WSMRF)*

Abstract 374

**9:30 STERILE ABSCESSSES AFTER IMMUNIZATION WITH ALUMINUM-
ADJUVANT BASED VACCINES.**

K Vargas, K Burke and W Dehority, Albuquerque, NM. University of New Mexico

Abstract 375

**9:45 AN EARLY PRESENTATION OF A COMMON MALFORMATION: AN INFANT
WITH AN INFECTED THYRGLOSSAL CYST.**

AN Gray and D Ezroj, Fresno, CA. University of California San Francisco, Fresno

Abstract 376

Break – 10:00 am – 10:15 am

Behavior and Development II

Chapman #4 (Sunset Center)

Kathleen Angkustsiri and Nicole Tartaglia, Presiding

**8:00 COMPARISON OF LANGUAGE PATTERNS IN SPECIFIC LANGUAGE
IMPAIRMENT AND HIGH FUNCTIONING AUTISM.**

*M Craig and D Trauner, La Jolla, CA. University of California, San Diego School of
Medicine (WSMRF)*

Abstract 377

**8:15 EFFECTS OF YOGA ON ATTENTION, IMPULSIVITY AND HYPERACTIVITY
IN PRESCHOOLERS.**

*SC Cohen, D Harvey, R Shields, K Angkustsiri, J Schweitzer, R Hansen and D Tancredi,
Sacramento, CA. University of California, Davis (WSPR)*

Abstract 378

8:30 SEX DIFFERENCES IN AUTISM SPECTRUM DISORDER.

M White, CW Nordahl, K Angkustsiri and R Hansen, Sacramento, CA. UC Davis

Abstract 379

**8:45 EXPLORING PRELIMINARY RELATIONSHIPS OF PSYCHOLOGICAL
SYMPTOMS TO ADAPTIVE FUNCTIONING IN TRIPLE X SYNDROME.**

K Wigby, L Cordeiro and N Tartaglia, San Diego, CA and Denver, CO. University of California San Diego (WSPR Mead Johnson Travel Award Winner)

Abstract 380

9:00 REPEATED ASSESSMENT OF NEUROMOTOR SKILLS IN FRAGILE X SYNDROME.

L Cordeiro, T Murnan-Stackhouse, J McGrew and N Tartaglia, Aurora, CO and Denver, CO. University of Colorado, Denver

Abstract 381

9:15 DOCUMENTATION OF SLEEP PROBLEMS IN CHILDREN WITH ASD AND ADHD: A DEVELOPMENTAL-BEHAVIORAL PEDIATRICS RESEARCH NETWORK STUDY.

DC Won, HM Feldman and LC Huffman, Stanford, CA. Stanford University

Abstract 382

9:30 MOTHER'S PARENTING STYLE AS MEDIATOR BETWEEN CHILDHOOD HYPERACTIVITY AND DISTRACTIBILITY AND ADOLESCENT RISK BEHAVIORS

T Nelson, P East and S Gahagan, San Diego, CA. University of California San Diego

Abstract 383

9:45 FACTORS PREDICTING POST CONCUSSIVE SYMPTOMS IN MILITARY SERVICE MEMBERS.

JT Maxwell, Federal Way, WA. University of Washington School of Medicine

Abstract 384

Break – 10:00 am – 10:15 am

Case Reports

Bingham Room #3 (Sunset Center)

David Gilbert, Presiding

8:00 COCCIDIOIDOMYCOSIS DISSEMINATION TO THE MASTOID BONE.

A Ammar, G Petersen, C Duffin and A Heidari, Bakersfield, CA. UCLA Kern Medical

Abstract 385

8:15 A CURIOUS PRESENTATION OF *SALMONELLA* TYPHI AS A HEPATIC ABSCESS.

FD Palacios, Bakersfield, CA. Rio Bravo Family Medicine Residency Program

Abstract 386

8:30 CASE REPORT OF A 5-MONTH-OLD INFANT DIAGNOSED WITH COBALAMIN C DEFICIENCY AFTER NORMAL NEWBORN SCREENING.

P Shah, T Cushing, R Heidenreich and Y Magdaleno, Albuquerque, NM. University of New Mexico School of Medicine

Abstract 387

8:45 "KILLING HIM SOFTLY" A UNIQUE UNVEILING OF INFECTIVE

ENDOCARDITIS.

J Patel, H Abukamleh and A Heidari, Bakersfield, CA. Kern Medical

Abstract 388

9:00 THIRSTY FOR MILK: BREASTFEEDING ASSOCIATED HYPERNATREMIC DEHYDRATION CAUSING RETINAL ISCHEMIA AND CEREBRAL SINOVENOUS THROMBOSIS.

J Lewis, KN Kesavan and A Chu, Los Angeles, CA. UCLA

Abstract 389

9:15 NOVEL PATHOGENIC MUTATION IN *SLC25A42* CAUSING MITOCHONDRIAL DISEASE WITH SIGNIFICANT INTRAFAMILIAL VARIABILITY.

V Triano and MM Martin, Sacramento, CA. UC Davis

Abstract 390

9:30 A REAL FOODIE AT HEART: A RARE CAUSE OF CARDIAC TAMPONADE.

H Choy, L Lagos, E Ling, B Stripe, B Stauber and C Whitcomb, Sacramento, CA. UC Davis Medical Center

Abstract 391

9:45 INTERRUPTED AORTIC ARCH DIAGNOSED IN A 57 YEAR OLD FEMALE WITH REFRACTORY HYPERTENSION.

KA Dosani, Las Vegas, NV. University of Nevada School of Medicine

Abstract 392

Break – 10:00 am – 10:15 am

Community Health II

Conductor's Room

, *Presiding*

8:00 EXPLORING HEALTH PERSPECTIVES OF THE ELDERLY POPULATION IN TETON COUNTY.

K Brown, Bremerton, WA. University of Washington School of Medicine

Abstract 393

8:15 ONE IN FIVE AT FRESNO HIGH: RAISING AWARENESS ABOUT TEEN DATING VIOLENCE AT A LARGE URBAN HIGH SCHOOL.

N Medina, MC Men, JL Verdot, K Colwell and R Kinman, Fresno, CA. Fresno High School

Abstract 394

8:30 DEMENTIA SCREENING INITIATIVE: PROVIDING DEMENTIA SCREENING AND COMMUNITY SUPPORT IN SHERIDAN, WYOMING.

C Korpela, Seattle, WA. University of Washington School of Medicine (WSMRF)

Abstract 395

8:45 PARTNER HEALING: COMBATING CHLAMYDIA AND GONORRHEA

INFECTION IN THE NORTON SOUND REGION.

M Stanley, Anchorage, AK. University of Washington

Abstract 396

9:00 SURVEYING PERSPECTIVE ON MENTAL HEALTH AND SYMPTOM PREVALENCE IN THE VIETNAMESE COMMUNITY.

J Do, Tukwila, WA. University of Washington School of Medicine (WSMRF)

Abstract 397

9:15 BULLYING - ARE PEDIATRICIANS DOING ENOUGH?

A Mo, M Rahman, F Lam and S Das, Las Vegas, NV. University of Nevada School of Medicine

Abstract 398

9:30 LATINO HEALTH REPORT CARD, CITY OF LONG BEACH, CALIFORNIA.

NN Kapadia, Salt Lake City, UT and Long Beach, CA. University of Utah

Abstract 399

9:45 KODIAK ATV SAFETY.

EL Dore, Anchorage, AK. University of Washington School of Medicine (WSMRF)

Abstract 400

Break – 10:00 am – 10:15 am

General Internal Medicine and Aging

Babcock #6 (Sunset Center)

Maralyssa Bann, Presiding

8:00 USING A PERSONAL UV EXPOSURE MONITOR TO ASSESS HOW DIFFERENT FABRIC CHARACTERISTICS AND FABRIC TREATMENTS PROTECT FROM THE UV RAYS.

D Bui, M Notay, K Kauffman and R Sivamani, Sacramento, CA and Hanover, NH. University of California, Davis (WSMRF)

Abstract 401

8:15 LINKING PATIENTS WITH BUPRENORPHINE TREATMENT IN PRIMARY CARE: PREDICTORS OF ENGAGEMENT.

C Simon and J Klein, Seattle, WA. University of Washington School of Medicine (WAFMR/WAP Student Subspecialty Award Winner)

Abstract 402

8:30 PRETESTING NOVEL, PERSON-CENTERED FALL PREVENTION MESSAGES.

M Chua, EA Phelan and H Meischke, Bellevue, WA. University of Washington

Abstract 403

8:45 GUMS AND DRUGS.

PD Kendall, J Vu and P Aronowitz, Sacramento, CA. UC Davis School of Medicine

Abstract 404

9:00 ALL MYXED UP: AN UNUSUAL CAUSE OF STROKE.
EJ LaFond and S Cocciardi, Sacramento, CA. University of California at Davis
Abstract 405

9:15 A RARE CASE OF LENTIGINOUS MELANOMA.
A Haghshenas, S Tuthill and D Kothari, Westbury, NY and Beaufort, SC. Nassau University Medical Center
Abstract 406

Break – 10:00 am – 10:15 am

Neonatology - Perinatal Biology II
Studio 105 (Sunset Center)
Megan Gosling and Lauren Jantze, Presiding

8:00 STRUCTURAL AND DEVELOPMENTAL CHANGES IN THE BRAIN OF NORMAL LAMBS.
M Scadden, O Abdullah, K Zuspan, S Bowen, M Dahl, B Yoder, K Albertine and J Anderson, Salt Lake City, UT. University of Utah (Abbott Subspecialty Award Winner) (WSMRF)
Abstract 407

8:15 FAH GENE EDITING USING CRISPR/CAS9-MEDIATED REPAIR.
J Darnell, Q Zhang and M Grompe, Lebanon, OR and Portland, OR. Western University of Health Sciences (Abbott Subspecialty Award Winner)
Abstract 408

8:30 POSTNATAL CONFIRMATION OF MOSIAC TRISOMY 17 IN CARDIAC TISSUE IN AN INFANT WITH CONGENITAL HEART DISEASE: CASE REPORT AND REVIEW OF THE LITERATURE.
NN Derar, J Bernstein, N Gomez-Ospina and A Cherry, Stanford, CA. Stanford
Abstract 409

8:45 CHROMOSOME 15Q21.1 MICRODELETION ENCOMPASSING FIBRILLIN 1 (FBN1) IN A MOTHER AND CHILD WITH MINIMAL CLINICAL FEATURES OF MARFAN SYNDROME.
S Lozinsky, M Joseph, A Kochhar and JJ Shen, Fresno, CA and Madera, CA. Community Regional Medical Center
Abstract 410

9:00 IDENTIFICATION OF RARE WNT1 OSTEOPOROSIS PATIENT.
MK Haanpää, R Mäkitie and O Mäkitie, Palo Alto, CA; Turku, Finland and Helsinki, Finland. Stanford
Abstract 411

9:15 THE ROLE OF SMELL IDENTIFICATION TESTING IN MEDICAL GENETICS CLINIC.

S Dugan, N Mendelsohn, C Jungbluth and D Viskochil, Salt Lake City, UT and Minneapolis, MN. University of Utah

Abstract 412

9:30 SCHIMKE IMMUNOOSSEOUS DYSPLASIA DIAGNOSIS AND MANAGEMENT OF HEADACHES AND RENAL INSUFFICIENCY.

DT Belefrod and J Shieh, San Francisco, CA. University of California, San Francisco (WSPR)

Abstract 413

Break – 10:00 am – 10:15 am

Neonatology General V

Carpenter Hall

Alison Chu and Carlos Ramos, Presiding

8:00 TRANSITIONING TO ICD-10: THE CHANGING PATTERN OF PROCEDURES PERFORMED IN NEONATES NATIONWIDE.

T Chavez, A Song, P Friedlich and A Lakshmanan, Los Angeles, CA. Center for Fetal and Neonatal Medicine, Division of Neonatal Medicine, Children's Hospital Los Angeles and LAC+USC Medical Center, Keck School of Medicine, University of Southern California

Abstract 414

8:15 CHARACTERISTICS OF PREMATURE INFANTS WITH GRADE IV INTRAVENTRICULAR HEMORRHAGE WHO HAVE FAVORABLE OUTCOMES.

AT Bataan, J Scoble, M Underwood and C Patel, Sacramento, CA. UC Davis Medical Center

Abstract 415

8:30 THE IMPACT OF DELIVERY MODE ON MORTALITY OF PRETERM INFANTS BORN AT 22-24 WEEKS GESTATIONAL AGE.

C hayek, R Cayabyab and R Ramanathan, Los Angeles, CA. LAC+USC Medical Center

Abstract 416

8:45 A QUALITY IMPROVEMENT PROJECT: APPLICATION OF THE EARLY ONSET SEPSIS CALCULATOR IN A COUNTY NICU.

R Bruni, G Garbato and M Douglas-Escobar, Salinas, CA and Bologna, Italy. University of California San Francisco

Abstract 417

9:00 EXTRACORPOREAL MEMBRANE OXYGENATION (ECMO) FOR NEONATAL SEPSIS: PREDICTORS OF MORTALITY.

K Kramer, LA Lusk and RL Keller, San Francisco, CA. University of California San Francisco

Abstract 418

9:15 THE IMPACT OF THE BABY FRIENDLY HOSPITAL INITIATIVE ON

NEONATAL HYPOGLYCEMIA.

W Barkhuff and T DuPont, Albuquerque, NM. University of New Mexico

Abstract 419

9:30 TRANSITIONING TO ICD-10: THE CHANGING PATTERN OF DIAGNOSES IN NEONATES NATIONWIDE.

A Song, T Chavez, P Friedlich and A Lakshmanan, Los Angeles, CA. Children's Hospital Los Angeles

Abstract 420

9:45 PREDICTIVE VALUE OF CORD BLOOD BILIRUBINS FOR PHOTOTHERAPY TREATMENT IN NEONATES AT RISK FOR MATERNAL-FETAL BLOOD GROUP INCOMPATIBILITY.

AR Castillo, G Wegrzyn, VP Walker, T Grogan and KL Calkins, Los Angeles, CA and Maywood, IL. David Geffen School of Medicine at UCLA (WSMRF)

Abstract 421

Break – 10:00 am – 10:15 am

Pulmonary and Critical Care II

Promenade Lobby (Sunset Center)

Philippe Montgrain, Presiding

8:00 ECMO AS A BRIDGE TO LUNG TRANSPLANTATION DOES NOT NEGATIVELY IMPACT IMPROVEMENTS IN HEALTH RELATED QUALITY OF LIFE AFTER TRANSPLANT.

N Kolaitis, D Huang, A Soong, P Shrestha, S Hays, J Kukreja and JP Singer, San Francisco, CA. University of California, San Francisco (California Thoracic Society Scholar Winner) (CTS)

Abstract 422

8:15 QUANTIFYING ANTIBIOTIC PRESSURE SCORES TO DETERMINE IMPACT ON ORAL AND FECAL MICROBIOME IN CRITICALLY ILL PATIENTS.

K Gorman, D McDonald and P Wischmeyer, Denver, CO and San Diego, CA. University of Colorado School of Medicine (WSMRF)

Abstract 423

8:30 CARBONIC ANHYDRASE INHIBITION DOES NOT ENHANCE NITRITE TO NITRIC OXIDE REDUCTION WITH ALVEOLAR HYPOXIA IN PIGS.

ER Swenson, Mercer Island, WA. University of Washington

Abstract 424

8:45 THERAPEUTIC LARYNGOSCOPY DURING EXERCISE: A NOVEL NONSURGICAL THERAPY FOR REFRACTORY EXERCISE-INDUCED LARYNGEAL OBSTRUCTION.

JT Olin, E Deardorff, E Fan, K Johnston, V Keever, C Moore and B Bender, Denver, CO. National Jewish Health

Abstract 425

**9:00 DIFFERENT PATTERNS OF LUNG INFLAMMATION AND INJURY IN RATS
SUBJECTED TO HYPEROXIA EXPOSURE AND INTERLEUKIN-
1/LIPOPOLYSACCHARIDE INSUFFLATION.**

BW Saccomano, J Repine, PV Wilson, N Elkins, Q He, H Hamidu, A Fernandez-Bustamante and J Repine, Denver, CO. Webb-Waring Center at the University of Colorado School of Medicine

Abstract 426

**9:15 INFUSING BONE MARROW CELLS FROM UNIQUE STRAIN OF HYPEROXIA
TOLERANT RATS REDUCES LUNG NEUTROPHIL INFLUX IN CONTROL
RATS BREATHING HYPEROXIA.**

BW Saccomano, K Repine, PV Wilson, Q He, H Hamidu, J Torres, J Newman, A Newman, W Wang, K Lehenbauer, K Baer, A Fernandez-Bustamante and J Repine, Denver, CO. Webb-Waring Center at University of Colorado School of Medicine

Abstract 427

9:30 *State-of-the-Art Speaker*

A PULMONOLOGIST'S VIEW OF BIVENTRICULAR HEART FAILURE.

Judd Landsberg, University of California San Diego & VA San Diego Healthcare System

Break – 10:00 am – 10:15 am

CONCURRENT SESSIONS

Saturday, January 28, 2017

10:15 AM – 12:00 PM

Jointly sponsored by

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

**Health Care Research III.....Babcock #6
Hematology and Oncology III.....Green Room
Immunology and Rheumatology II.....Conductor's Room
Neonatology General VI.....Carpenter Hall
Neuroscience III.....Chapman #4**

Health Care Research III
Babcock #6 (Sunset Center)
Maralyssa Bann, Presiding

**10:15 RELATIONSHIP BETWEEN ELECTRONIC MEDICAL RECORD USE AND
NUMBER OF PLAINTIFF-WON MEDICAL MALPRACTICE LAWSUITS.**

K Sigley, MM Franklin and D Brzusek, Yakima, WA. Pacific Northwest University

Abstract 428

10:30 PHYSICIAN ASSESSMENT OF BLINDED ADVERSE EVENTS IN RCTS IN CYSTIC FIBROSIS.

ME Wessels, N Mayer-Hamblett, BW Ramsey, S Heltshe, A Baines and CH Goss, Seattle, WA. University of Washington

Abstract 429

10:45 DO STANDARDIZED INSULIN ORDERS REDUCE RATES OF SEVERE IN-HOSPITAL HYPOGLYCEMIA?

LM VanDyke, F Pham, E Kuhn and MR Burge, Albuquerque, NM and Long Beach, CA. University of New Mexico

Abstract 430

11:00 EVALUATING CLINICAL EXPERIENCES OF PATIENTS AND PARENTS IN THE PEDIATRIC ORTHOPEDIC DEPARTMENT OUTPATIENT CLINIC.

A Cherukupalli, J Dunlop and C Reilly, Vancouver, BC, Canada. BC Children's Hospital

Abstract 431

11:15 NON-OPERATIVE EMERGENCY REFERRALS AND W1 MANAGEMENT IN PEDIATRIC PLASTIC SURGERY.

B Giang, R Courtemanche and D Courtemanche, Burnaby, BC, Canada. University of British Columbia (WSMRF)

Abstract 432

11:30 TEACHING THE MORPHOLOGY OF SMITHS FRACTURE INTEGRATING MULTIPLE MEDIUMS INCLUDING SECTRA AND ULTRASOUND.

J Woodall and B Benninger, Lebanon, OR. Western University of Health Sciences

Abstract 433

11:45 TRIPLE STIMULATION INTEGRATES SURFACE ANATOMY LANDMARKS WITH ULTRASOUND IMAGING TO AUGMENT MEDICAL STUDENTS' PHYSICAL EXAMINATION SKILL.

K Crawford and B Benninger, Lebanon, OR. Western University of Health Sciences

Abstract 434

Hematology and Oncology III

Green Room (Sunset Center)

Thomas Deloughery and Amir Goldkorn, Presiding

10:15 GNPAT P.D519G IS INDEPENDENTLY ASSOCIATED WITH MARKEDLY INCREASED IRON STORES IN *HFE* P.C282Y HOMOZYGOTES.

GD McLaren, JC Barton¹, WChen², MJ Emond³, PD. Phatak⁴, V.N. Subramaniam⁵, P.C. Adams⁶, L.C. Gurrin⁷, G.J. Anderson^{8,9}, GA Ramm^{8,9}, LW Powell^{8,9}, KJ Allen¹⁰, JD Phillips¹¹, CJ Parker¹¹, CE McLaren², ¹Southern Iron Disorders Center, Birmingham, AL, ²University of California, Irvine, CA, ³University of Washington, Seattle, WA, ⁴Rochester General Hospital, Rochester, NY, ⁵Queensland University of Technology, Brisbane, QLD, Australia, ⁶London Health Sciences Centre, London, ON, Canada, ⁷University of

Melbourne, Melbourne, VIC, Australia, ⁸QIMR Berghofer Medical Research Institute, Brisbane, QLD, Australia. ⁹University of Queensland, Brisbane, QLD, Australia, ¹⁰Murdoch Children's Research Institute, Melbourne, VIC, Australia, ¹¹University of Utah School of Medicine, Salt Lake. UT, ¹²Department of Veterans Affairs Long Beach Healthcare System, Long Beach, CA, United States. Irvine, CA. *University of California, Irvine (WSCI Travel Award Winner) (WAP)*

Abstract 435

10:30 DNA DAMAGE RESPONSE HETEROGENEITY AND CHORDOMA PHENOCLUSTERS.

SJ Simpson, AS Little, JM Eschbacher and AE Cress, Tucson, AZ and Phoenix, AZ. University of Arizona

Abstract 436

10:45 COMPARISON OF BREAST CARCINOMA NOTTINGHAM GRADING BY GLASS SLIDES VERSUS DIGITAL WHOLE SLIDE IMAGES: VARIABILITY INCREASES USING DIGITAL FORMAT.

TM Davidson, MH Rendi, KH Allison, DL Weaver and JG Elmore, Seattle, WA; Stanford, CA and Burlington, VT. University of Washington (WSMRF)

Abstract 437

11:00 RETROSPECTIVE REVIEW OF CLINICAL OUTCOMES ASSOCIATED WITH NUTRITIONALLY COMPROMISED PATIENTS UNDERGOING HEMATOPOEITIC STEM CELL TRANSPLANTATION.

ZI Harris, M Tomlinson, M Bratton and F Anwer, Tucson, AZ. The University of Arizona College of Medicine (WAFMR)

Abstract 438

11:15 EXTRACTING MOLECULAR DIFFERENCES BETWEEN NORMAL B CELLS AND LYMPHOMA CELLS USING RAMAN SPECTROSCOPY.

MP Renner, M Agsalda-Garcia, A Misra, T Acosta-Maeda, T Shieh, R Oda and B Shiramizu, San Jose, United States Minor Outlying Islands; Los Altos Hills, CA and Honolulu, HI. John A. Burns School of Medicine

Abstract 439

11:30 KINOME PROFILING REVEALS RETINOBLASTOMA-ASSOCIATED PROTEIN DEPENDENT CELL CYCLE REGULATION IN A CLINICALLY AGGRESSIVE SUBSET OF HISTOLOGICALLY BENIGN MENINGIOMA.

W Adidharma, C Parada and M Ferreira, Seattle, WA. University of Washington School of Medicine (WSMRF)

Abstract 440

11:45 NOVEL MUTATION IN CD46 IN A CHILD WITH ATYPICAL HEMOLYTIC UREMIC SYNDROME (HUS).

C Joseph, J Brandt, A Staples, C Wong, A Pritchard and N Pourtabatabaei, Albuquerque, NM. University of New Mexico (WSPR)

Abstract 441

Immunology and Rheumatology II

Conductor's Room

Kevin Deane and Jennifer Barton, Presiding

10:15 *State-of-the-Art Speaker*

HEALTH LITERACY AND RHEUMATIC DISEASE: TOOLS TO IMPROVE PATIENT ENGAGEMENT.

Jennifer Barton, *Oregon Health Sciences University*

10:45 RECRUITING FOR A PHASE I CLINICAL TRIAL TESTING TURMERIC DIETARY SUPPLEMENTS IN RHEUMATOID ARTHRITIS PATIENTS: GENERALIZABILITY TO A RHEUMATOID ARTHRITIS POPULATION.

CC Alfafara, J DeSalvo, M McCallum, L Hopkins, M Strom and J Funk, Tucson, AZ and Tempe, AZ. The University of Arizona College of Medicine

Abstract 442

11:00 IDENTIFYING FACTORS INFLUENCING PARTICIPATION IN A RHEUMATOID ARTHRITIS (RA)-PREVENTION TRIAL: THE RESEARCH PARTICIPATIONS INFLUENCE (RPI) STUDY.

S White, C Fleischer and K Deane, Denver, CO. University of Colorado

Abstract 443

11:15 ULTRAVIOLET B STIMULATED INFLAMMATORY RESPONSE MEDIATED BY STING IN SYSTEMIC LUPUS ERYTHEMATOSUS.

E Chiou and K Elkon, Brush Prairie, WA. University of Washington (WAFMR/WAP Student Subspecialty Award Winner)

Abstract 444

11:30 AUTOANTIBODIES IN JUVENILE SYSTEMIC SCLEROSIS.

K Moore, M Fritzler and A Stevens, Aurora, CO; Calgary, AB, Canada and Seattle, WA. Children's Hospital Colorado (Mead Johnson Junior Faculty Travel Awardee)

Abstract 445

11:45 OUTCOMES OF AIRWAY RESPONSE FOLLOWING DUST EXTRACT TREATMENT ADMINISTERED POST-ALLERGEN SENSITIZATION.

A Abidov, J Gozdz, O Pivniouk, A Horner and D Vercelli, Tucson, AZ. University of Arizona

Abstract 446

Neonatology General VI

Carpenter Hall

Josephine Enciso and Kalpashri Kesevan, Presiding

10:15 IMPROVING NEWBORN CARE IN RESOURCE POOR SETTINGS: EVALUATION OF A COMBINED TRAINING AND QUALITY IMPROVEMENT APPROACH.

K Vlasic, M Indart, C Stiglmeier, R Patel, M Patel, P Brahmabhatt, C Maloney and B Fassl, Salt Lake City, UT and Mota Fofalia, India. University of Utah School of Medicine

Abstract 447

10:30 PRETERM BIRTH AFTER TREATMENT OF MATERNAL METASTATIC MELANOMA WITH IMMUNOTHERAPEUTICS.

A Niemi, ME Foeller, A Yeaton-Massey, AC Fan, VD Winn and SR Hintz, Palo Alto, CA and Stanford, CA. Stanford Univ (WSPR)

Abstract 448

10:45 THE ASSOCIATION OF TRANSITION TO HOME AND DEPRESSION IN LOW-INCOME MOTHERS AFTER NICU DISCHARGE.

I Kannan, A Yeh, N Flores, J Eshagian, P Friedlich and A Lakshmanan, Los Angeles, CA. LA County-USC; Children's Hospital Los Angeles

Abstract 449

11:00 UTILIZATION PATTERNS OF EXTRACORPOREAL MEMBRANE OXYGENATION BETWEEN INBORN AND OUTBORN NEONATES IN THE UNITED STATES.

V Contreras, A Song, K Fletcher, R Chapman, P Friedlich and A Lakshmanan, Los Angeles, CA. Children's Hospital Los Angeles and LAC+USC Medical Center

Abstract 450

11:15 EXTRACORPOREAL MEMBRANE OXYGENATION UTILIZATION BY MODE OF DELIVERY FROM 1997-2012.

K Fletcher, V Contreras, A Song, A Lakshmanan, P Friedlich and R Chapman, Los Angeles, CA. LAC+USC Medical Center

Abstract 451

11:30 IMPACT OF PARENTS' PRIMARY LANGUAGE ON COMMUNICATION IN THE NEONATAL INTENSIVE CARE UNIT.

MA Palau, MR Meier, JT Brinton and TA Parker, Aurora, CO. University of Colorado School of Medicine (WSPR)

Abstract 452

11:45 RELATIONSHIP BETWEEN SELF-EFFICACY AND PERFORMANCE IN NEONATAL RESUSCITATIVE TASKS.

L Donohue and K Hoffman, Sacramento, CA. UC Davis

Abstract 453

Neuroscience III

Chapman #4 (Sunset Center)

Marie-Francois Chesselet and Michel Baudry, Presiding

10:15 WHITE MATTER MICROSTRUCTURE ON DIFFUSION MAGNETIC RESONANCE IMAGING IN 6-YEAR-OLD CHILDREN BORN PRETERM.

CK Dodson, KE Travis, HM Feldman and M Ben-Shachar, Stanford, CA and Ramat Gan, Israel. Stanford University School of Medicine

Abstract 454

10:30 AN OPEN LABEL STUDY OF ALLOPREGNANOLONE TREATMENT FOR FRAGILE X-ASSOCIATED TREMOR/ATAXIA SYNDROME.

NR Carrillo, A Trivedi, J Wang, J Yang, J Olichney and R Hagerman, Sacramento, CA and Davis, CA. UC Davis, School of Medicine (WSMRF)

Abstract 455

10:45 SEX DIFFERENCES IN THE HYPOTHALAMIC EXPRESSION OF DIACYLGLYCEROL LIPASE α : IMPLICATIONS FOR THE CANNABINOID REGULATION OF ENERGY HOMEOSTASIS.

JA Hur and EJ Wagner, Palmdale, CA. Western University of Health Sciences, College of Osteopathic Medicine of the Pacific, Pomona, CA

Abstract 456

11:00 FORMULATION AND CHARACTERIZATION OF A CURCUMINOID LOADED SOLID LIPID NANOPARTICLES.

E Zhao, S Fuchs and M Issar, Pomona, CA. Western University of Health Sciences, College of Osteopathic Medicine of the Pacific

Abstract 457

11:15 THE ROLE OF THE GENITOFEMORAL NERVE IN INNERVATING THE ANTERIOR ABDOMINAL WALL IN FEMALES: A CADAVERIC CASE STUDY.

JK Leroux, Lebanon, OR. Western University of Health Sciences COMP-NW

Abstract 458

11:30 *State-of-the-Art Speaker*

CALPAIN-2: A NEW LINK BETWEEN TRAUMATIC BRAIN INJURY AND ALZHEIMER'S DISEASE.

Michel Baudry, Western University

OFFICERS**2016-2017****Please UPDATE COUNCILORS/OFFICERS IF NEEDED****Western Section American Federation for Medical Research**

CHAIR Philippe Montgrain <i>University of California San Diego</i>	CHAIR-ELECT Amir Goldkorn <i>University of Southern California</i>	SECRETARY/TREASURER Samrat Das <i>University of Nevada Las Vegas</i>
COUNCILORS		
PAST-CHAIR Kristina Utzschneider <i>University of Washington</i>		Jason Adams <i>University of California, Davis</i>
Mary Beth Hogan <i>University of Nevada Las Vegas</i>	Sidharth Mahapatra <i>University of Nebraska</i>	Ellen Schur <i>University of Washington</i>

Western Society for Clinical Investigation

PRESIDENT Frederick S. Buckner <i>University of Washington</i>	PAST PRESIDENT Stephanie Page <i>University of Washington</i>	SECRETARY/TREASURER Kevin D. O'Brien <i>University of Washington</i>
COUNCILORS		
Keith Colburn <i>Loma Linda University</i>	April Stempien-Otero <i>University of Washington</i>	Michele Hamilton <i>Cedars-Sinai Medical Center</i>
Neda Rasouli <i>University of Colorado-Denver</i>	Charles Edelstein <i>University of Colorado-Denver</i>	Mark Unruh <i>University of New Mexico</i>

Western Association of Physicians

PRESIDENT W. Conrad Liles <i>University of Washington</i>	PRESIDENT-ELECT	SECRETARY/TREASURER W. Conrad Liles <i>University of Washington</i>
COUNCILORS		
Joshua Goldhaber <i>Cedars-Sinai Heart Institute</i>	Peter Ganz <i>University of California, San Francisco</i>	Robert Ross <i>University of California, San Diego</i>
	Jane Reusch <i>University of Colorado-Denver</i>	

Western Society for Pediatric Research

PRESIDENT Alberta Kong <i>University of New Mexico</i>	PRESIDENT-ELECT Roberta Keller <i>University of California, San Francisco</i>	PAST PRESIDENT Paul Rozance <i>University of Colorado</i>
SECRETARY/TREASURER Christian Con Yost <i>University of Utah</i>	OF COUNCIL Bill Hay, Jr. <i>University of Colorado</i>	OF COUNCIL Marilyn C. Jones <i>Children's Hospital, San Diego</i>
	OF COUNCIL Robin Ohls <i>University of New Mexico</i>	
	COUNCILORS	
Arlin Blood <i>Loma Linda University</i>	Henry Lee <i>Stanford University</i>	Echezona Ezeanolue <i>University of Nevada</i>
Josephine Encisco <i>University of California, Los Angeles</i>	Erika Fernandez <i>University of California, San Diego</i>	Nicole Tartaglia <i>University of Colorado</i>
Laura Brown <i>University of Colorado</i>	Craig Wong <i>University of New Mexico</i>	Margaret Adam <i>University of Washington</i>

Western Student Medical Research Forum Officers

2016-2017 Chair Taylor Soderborg <i>University of Colorado Denver</i>	2016-2017 Vice-Chair S. Ryan Hall <i>University of Washington School of Medicine</i>	Program Directors Laurel Desnick <i>University of Washington School of Medicine</i> Jorge Nieva <i>University of Southern California</i>
	Executive Director Mary Lou Siebert <i>University of Washington School of Medicine</i>	

INDEX TO WESTERN PRESENTED ABSTRACTS

THURSDAY, JANUARY 26, 2017	Program No.
Concurrent Sessions: 12:45 pm -3:00 pm	
Adolescent Medicine and General Pediatrics I	1-6
Cardiovascular I	7-15
Endocrinology and Metabolism I	16-22
Health Care Research I	23-31
Immunology and Rheumatology I	32-38
Infectious Diseases I	39-47
Neonatal Pulmonary I	48-56
Neonatology General I	57-65
Surgery I	66-73
Concurrent Sessions: 3:15 pm-5:45 pm	
Cardiovascular II	75-82
Community Health I	83-91
Global Health I	92-101
Hematology and Oncology I	102-110
Neonatal Pulmonary II	111-119
Neonatology General II	120-129
Neuroscience I	130-137
Pulmonary and Critical Care I	138-147
Surgery II	148-154
Welcome Reception and Poster Session	155-225
FRIDAY, JANUARY 27, 2017	
Concurrent Sessions: 8:00 am–10:00 am	
Adolescent Medicine and General Pediatrics II	226-233
Cardiovascular III	234-241
Endocrinology and Metabolism II	242-247
Gastroenterology	248-253
Genetics	254-261
Neonatal Pulmonary III	262-267
Neonatology Perinatal Biology I	268-273
Neonatology General III	274-281
Surgery III	282-289
Concurrent Session: 10:15 am–12:30 pm	
Behavior and Development I	290-294
Global Health II	295-302
Health Care Research II	303-311
Hematology and Oncology II	312-320
Infectious Diseases II	321-329
Morphogenesis and Malformations	330-335
Neonatology General IV	336-342
Nephrology and Hypertension	343-347
Neuroscience II	348-355
Surgery IV	356-364
Joint Plenary Session: 1:30 pm–5:00 pm	365-368

SATURDAY, JANUARY 28, 2017**Concurrent Sessions: 8:00 am-10:00 am**

Adolescent Medicine and General Pediatrics III	369-376
Behavior and Development II	377-384
Case Reports	385-392
Community Health II	393-400
General Internal Medicine and Aging	401-406
Neonatology Perinatal Biology II	407-413
Neonatology General V	414-421
Pulmonary and Critical Care II	422-427

Concurrent Session: 10:15 am-12:00 pm

Health Care Research III	428-434
Hematology and Oncology III	435-441
Immunology and Rheumatology II	442-446
Neonatology General VI	447-453
Neuroscience III	454-458