<table>
<thead>
<tr>
<th>TIME</th>
<th>ACTIVITY &amp; LOCATION</th>
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<tbody>
<tr>
<td><strong>THURSDAY, JANUARY 29, 2015</strong></td>
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<tr>
<td>8:00 am – 5:00 pm</td>
<td>Registration</td>
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<tr>
<td></td>
<td>Sunset Center – Entry Lobby</td>
</tr>
<tr>
<td>8:00 am – 5:00 pm</td>
<td>Speaker Ready Room</td>
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<td></td>
<td>Sunset Center</td>
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<tr>
<td>9:00 am – 11:40 am</td>
<td>WAP Symposium</td>
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<td></td>
<td>Aging: Emerging Insights</td>
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<td>Sponsored by WAP</td>
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<tr>
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<td>Studio 105</td>
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<tr>
<td>9:30 am – 12:00 pm</td>
<td>WSPR Council Meeting</td>
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<tr>
<td></td>
<td>Sunset Center – Bingham #3</td>
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<tr>
<td>11:30 am – 12:30 pm</td>
<td>Investigator Workshop</td>
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<td><em>(Intended for Fellows and Jr. Faculty – Lunch included)</em></td>
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<tr>
<td></td>
<td>Making the Most of Your Mentor</td>
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<tr>
<td></td>
<td>Ellen Schur, MD, MS</td>
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<td>University of Washington, Harborview Medical Center</td>
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<td></td>
<td>Sunset Center – Green Room</td>
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<tr>
<td>11:40 am – 12:00 pm</td>
<td>WAP Business Meeting</td>
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<td>Studio 105</td>
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<tr>
<td>12:30 pm – 2:30 pm</td>
<td>Concurrent Sessions</td>
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<td>Sunset Center</td>
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<tr>
<td>Cardiovascular I –</td>
<td>Promenade Lobby</td>
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<tr>
<td>Endocrinology and Metabolism I –</td>
<td>Bingham #3</td>
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<tr>
<td>Health Care Research I –</td>
<td>Babcock #6</td>
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<tr>
<td>Immunology and Rheumatology I –</td>
<td>Chapman #4</td>
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<tr>
<td>Infectious Diseases I –</td>
<td>Conductor’s Room</td>
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<tr>
<td>Neonatal Pulmonary I –</td>
<td>Rehearsal Room</td>
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<tr>
<td>Neonatology – General I –</td>
<td>Studio 105</td>
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<tr>
<td>2:30 pm – 3:30 pm</td>
<td>Break and Poster Session</td>
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<td>Poster Session I</td>
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<td>Carpenter Hall</td>
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<td><em>(Presenters in attendance from 2:30 pm to 3:30 pm)</em></td>
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<tr>
<td>Cardiovascular</td>
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<td>Community Health</td>
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<tr>
<td>Endocrinology and Metabolism</td>
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<tr>
<td>General Internal Medicine and Aging</td>
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</table>
| 3:30 pm – 6:00 pm | Concurrent Sessions  
**Sunset Center**  
Behavior and Development I – *Babcock #6*  
Cardiovascular II – *Promenade Lobby*  
Global Health – *Conductor’s Room*  
Hematology and Oncology I – *Green Room*  
Neonatal Pulmonary II – *Rehearsal Room*  
Neuroscience I – *Chapman #4*  
Pulmonary and Critical Care I – *Studio 105*  
Surgery I – *Bingham Room #3* |
| 6:00 pm – 7:30 pm | Welcome Reception and Student Award Posters, Pizza, and Beer  
*Jointly sponsored by*  
WAFMR, WAP, WSCI, WSMRF, and WSPR  
All welcome and encouraged to attend  
*Carmel Women’s Club* |
| 7:00 pm – 9:00 pm | Abbott Nutrition WSPR Reception  
Open to all WSPR members, trainees, and guests  
*Poseidon Room, La Playa Hotel* |
| 7:00 pm – 9:00 pm | WAP Council Meeting  
(by invitation only)  
*Pine Inn – Il Fornaio* |
| 7:00 pm – 9:00 pm | WAFMR Business Meeting  
(by invitation only)  
*Forge in the Forest* |
| **FRIDAY, JANUARY 30, 2015** |
| 8:00 am – 5:00 pm | Registration  
*Sunset Center – Entry Lobby* |
| 8:00 am – 5:00 pm | Speaker Ready Room  
*Sunset Center* |
| 8:00 am – 11:15 am | Joint Plenary Session  
**Obesity**  
WAFMR, WSCI, WAP, and WSPR  
*Sunset Center – Theater*  
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  
Award Presentations |
| 11:15 am – 12:00 pm | WSCI Society Business Meetings  
*Sunset Center – Theater* |
<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Location</th>
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<tbody>
<tr>
<td>11:15 am – 12:00 pm</td>
<td><strong>WSPR Business Meeting</strong>&lt;br&gt;<strong>Sunset Center – Theater</strong></td>
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<tr>
<td>11:15 am – 12:00 pm</td>
<td><strong>WSMRF Council Meeting</strong>&lt;br&gt;<strong>Sunset Center – Conductor’s Room</strong></td>
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<tr>
<td>11:30 am – 12:30 pm</td>
<td><strong>New Investigator Workshops</strong>&lt;br&gt;(Intended for Fellows and Jr. Faculty – Lunch included)&lt;br&gt;<strong>Publishing without Perishing</strong>&lt;br&gt;Richard L. Kravitz, MD, MSPH&lt;br&gt;University of California Davis&lt;br&gt;<strong>Sunset Center – Green Room</strong></td>
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<tr>
<td>12:30 pm – 2:30 pm</td>
<td><strong>Concurrent Sessions</strong>&lt;br&gt;<strong>Sunset Center</strong>&lt;br&gt;Adolescent Medicine and General Pediatrics I – Studio 105&lt;br&gt;Cardiovascular III – Promenade Lobby&lt;br&gt;Endocrinology and Metabolism II – Bingham #3&lt;br&gt;Gastroenterology – Babcock #6&lt;br&gt;Genetics – Rehearsal Room&lt;br&gt;Neonatology – General II – All Saints Church, Seacombe Hall&lt;br&gt;Neonatology – Perinatal Biology I – Chapman #4&lt;br&gt;Surgery II – Conductor’s Room</td>
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<tr>
<td>1:00 pm – 5:30 pm</td>
<td><strong>California Thoracic Society Meeting</strong>&lt;br&gt;Quail Lodge&lt;br&gt;8205 Valley Greens Drive, Carmel, CA 93923</td>
<td></td>
</tr>
<tr>
<td>2:30 pm – 3:30 pm</td>
<td><strong>Break and Poster Session</strong>&lt;br&gt;<strong>Poster Session II</strong>&lt;br&gt;Carpenter Hall&lt;br&gt;(Presenters in attendance from 2:30 pm to 3:30 pm)&lt;br&gt;Pediatrics&lt;br&gt;Surgery</td>
<td></td>
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<tr>
<td>3:30 pm – 6:00 pm</td>
<td><strong>Concurrent Sessions</strong>&lt;br&gt;<strong>Sunset Center</strong>&lt;br&gt;Behavior and Development II - Chapman #4&lt;br&gt;Community Health – Promenade Lobby&lt;br&gt;Health Care Research II – Babcock #6&lt;br&gt;Infectious Diseases II – Bingham Room #3&lt;br&gt;Morphogenesis and Malformations – Rehearsal Room&lt;br&gt;Neonatology – General III – All Saints Church, Seacombe Hall&lt;br&gt;Nephrology and Hypertension – Green Room&lt;br&gt;Neuroscience II – Conductor’s Room&lt;br&gt;Surgery III – Studio 105</td>
<td></td>
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<tr>
<td>6:00 pm – 8:00 pm</td>
<td><strong>University of Washington Reception</strong>&lt;br&gt;All UW faculty, fellows, residents and students invited&lt;br&gt;Carmel Mission Ranch</td>
<td></td>
</tr>
<tr>
<td>6:15 pm – 7:15 pm</td>
<td><strong>Dysmorphology Club</strong>&lt;br&gt;<strong>Sunset Center – Rehearsal Room</strong></td>
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<tr>
<td>Time</td>
<td>Event</td>
<td>Location</td>
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</tbody>
</table>
| 6:30 pm – 8:30 pm | **Western Respiratory Club Dinner**  
**State of the Physician: How Physician’s Feelings Affect their Patients**  
Phil Gold  
*Quail Lodge*  
8205 Valley Greens Drive, Carmel, CA 93923 |                                                            |
| SATURDAY, JANUARY 31, 2015 | **8:00 am – 12:00 pm**  
**Speaker Ready Room**  
Sunset Center |                                                            |
|                 | **8:00 am – 10:00 am**  
**Registration**  
Sunset Center – Entry Lobby |                                                            |
|                 | **8:00 am – 10:00 am**  
**Concurrent Sessions**  
Sunset Center |                                                            |
|                 |  
Adolescent Medicine and General Pediatrics II – *Rehearsal Room*  
General Internal Medicine and Aging – *Babcock #6*  
Neonatology – Perinatal Biology II – *Studio 105*  
Pulmonary and Critical Care II – *Promenade Lobby*  
Surgery IV – *Green Room* |                                                            |
|                 | **10:00 am – 11:00 am**  
**Break and Poster Session** |                                                            |
|                 |  
**Poster Session III**  
Carpenter Hall |                                                            |
|                 |  
*(Presenters in attendance 10:00 am – 11:00 am)* |                                                            |
|                 |  
  Health Care Research  
  Hematology and Oncology  
  Immunology and Rheumatology  
  Infectious Diseases |                                                            |
|                 | **11:00 am – 12:30 pm**  
**Concurrent Sessions**  
Sunset Center |                                                            |
|                 |  
Adolescent Medicine and General Pediatrics III – *Rehearsal Room*  
Cardiovascular IV – *Promenade Lobby*  
Health Care Research III – *Babcock #6*  
Hematology and Oncology II – *Green Room*  
Immunology and Rheumatology II – *Conductor’s Room*  
Neonatology – General IV – *Bingham Room #3*  
Neuroscience III – *Chapman #4* |                                                            |
|                 | **11:30 am – 5:30 pm**  
**California Thoracic Society Meeting**  
*Quail Lodge* |                                                            |
|                 | **12:30 pm – 2:00 pm**  
**Society Officers Planning Meeting**  
*(by invitation only)*  
*Sunset Center - Studio 105* |                                                            |
CME CERTIFICATION

This Live activity, 2015 Western Regional Meeting, with a beginning date of 01/29/15, has been reviewed and is acceptable for up to 16.75 Prescribed credits by the American Academy of Family Physicians. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

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

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

You will receive the link and instructions in your **Email Inbox on Monday, February 2, 2015.** If you do not receive your link to the evaluation in your email inbox, please contact us at [admin@afmr.org](mailto:admin@afmr.org). Original certificates for this conference may be claimed until **February 28, 2015.** 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 Adam  
Bradley Anawalt  
Kathy Angkustsiri  
Jorge Artaza  
Edward Auyang  
Michel Baudry  
Arlin Blood  
Laura Brown  
Fred Buckner  
Kara Calkins  
Marie-Francois Chesselet  
Michel Chonchol  
Keith Colburn  
Lloyd Damon  
Samrat Das  
Ian De Boer  
Thomas Deloughery  
Laurel Desnick  
Sarah Dugan

Ravi Durvasula  
Echezona Ezeanolue  
Erika Fernandez  
David Gilbert  
Joshua Goldhaber  
Meredith Greene  
Subhas Gupta  
Emil Heinze  
Joseph Ix  
Kenneth Izuora  
Lisa Joss-Moore  
John Kane  
Russell Klein  
Edward Lee  
Henry Lee  
W. Conrad Liles  
Vedang Londhe  
Philip Montgrain  
Jorge Nieva

Robin Ohls  
Lee Pu  
Thomas Quertermous  
Fabiola Quintero-Rivera  
Neda Rasouli  
Gregory Roth  
Paul Rozance  
Michael Schivo  
Donald Smith  
Victoria Tan  
Nicole Tartaglia  
Sarika Thakur  
Kristina Utzschneider  
David Viskochil  
Edward Wakil  
Clyde Wright  
Christian Yost
### 2015 Western Regional Meeting Award Winners

<table>
<thead>
<tr>
<th>Name</th>
<th>University/Institution</th>
<th>Award Category</th>
</tr>
</thead>
<tbody>
<tr>
<td>Amalia Aldredge</td>
<td>University of Washington</td>
<td>Abbott Subspecialty Award</td>
</tr>
<tr>
<td>Elizabeth Auld</td>
<td>University of Washington</td>
<td>WAFMR/WAP Student Subspecialty Award Winner</td>
</tr>
<tr>
<td>Joshua Benjamin</td>
<td>University of Colorado - Denver</td>
<td>WSPR Mead Johnson Travel Award Winner</td>
</tr>
<tr>
<td>Serhiy Chumachenko</td>
<td>University of Colorado</td>
<td>WAFMR/WAP Student Subspecialty Award Winner</td>
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<tr>
<td>Nasim Daoud</td>
<td>University of Washington</td>
<td>WSCI Travel Award Winner</td>
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<tr>
<td>Alanna De Mello</td>
<td>University of Washington</td>
<td>WAFMR/WAP Student Subspecialty Award Winner</td>
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<tr>
<td>Nicole Duster</td>
<td>University of Washington</td>
<td>WAFMR/WAP Student Subspecialty Award Winner</td>
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<td>Nwando Eze</td>
<td>Harbor UCLA Medical Center, CHOC Children's</td>
<td>WSPR Abbott Nutrition David W. Smith Pediatric Trainee Research Award Winner</td>
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<td>Echezona Ezeanolue</td>
<td>University of Nevada School of Medicine</td>
<td>WSCI Travel Award Winner</td>
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<tr>
<td>Csilla Felsen</td>
<td>University of California, San Diego</td>
<td>E.E. Osgood Award Winner</td>
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<tr>
<td>Kazumichi Fujioka</td>
<td>Stanford University School of Medicine</td>
<td>WSPR Mead Johnson Travel Award Winner</td>
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<tr>
<td>Nicole Goldhaber</td>
<td>Stetson Powell Orthopedics and Sports Medicine</td>
<td>WSCI Travel Award Winner</td>
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<tr>
<td>Amir Goldkorn</td>
<td>University of Southern California</td>
<td>WAFMR Outstanding Investigator Award Winner</td>
</tr>
<tr>
<td>Natalia Gomez-Ospina</td>
<td>Stanford Hospital</td>
<td>WSPR Mead Johnson Travel Award Winner</td>
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<tr>
<td>Abhinav Gupta</td>
<td>The University of Colorado, Anschutz</td>
<td>WAFMR/WAP Student Subspecialty Award Winner</td>
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<td>Josiah Hanson</td>
<td>University of Washington</td>
<td>WAFMR/WAP Student Subspecialty Award Winner</td>
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<td>Sai Iyer</td>
<td>University of California, San Diego</td>
<td>WSPR Mead Johnson Travel Award Winner</td>
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<td>Caitlin Kaeppel</td>
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<td>WSCI Travel Award Winner</td>
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<tr>
<td>Brooks Kuhn</td>
<td>University of California, Davis</td>
<td>California Thoracic Society Scholar Winner</td>
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<tr>
<td>Emily Kutzner</td>
<td>Loma Linda University</td>
<td>WAFMR/WAP Student Subspecialty Award Winner</td>
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<tr>
<td>Ashley Fischer</td>
<td>LAC+USC Medical Center and Keck School of Medicine</td>
<td>WSPR Mead Johnson Travel Award Winner</td>
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<tr>
<td>Francis Lam</td>
<td>University of California, Davis</td>
<td>WSCI Travel Award Winner</td>
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<tr>
<td>Name</td>
<td>Institution/Location</td>
<td>Award Description</td>
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<tr>
<td>Edwin Li</td>
<td>David Geffen School of Medicine at UCLA</td>
<td>WAFMR/WAP Student Subspecialty Award Winner</td>
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<tr>
<td>Debra Linfield</td>
<td>Stanford University School of Medicine</td>
<td>Abbott Subspecialty Award</td>
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<td>Vivian Ma</td>
<td>University of British Columbia</td>
<td>WAFMR/WAP Student Subspecialty Award Winner</td>
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<td>Kendra Morotti</td>
<td>VANCHCS</td>
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<td>Claudia Neugebauer</td>
<td>University of Utah</td>
<td>WSPR Mead Johnson Travel Award Winner</td>
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<tr>
<td>Andrea New</td>
<td>Mayo Clinic</td>
<td>WAFMR/WAP Outstanding Resident Award Winner</td>
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<tr>
<td>Brian Nuyen</td>
<td>University of California, San Diego</td>
<td>Abbott Subspecialty Award</td>
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<tr>
<td>Daniel Pak</td>
<td>University of Washington</td>
<td>WAFMR/WAP Student Subspecialty Award Winner</td>
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<td>Amitabh Pandey</td>
<td>University of Arizona</td>
<td>WSCI Travel Award Winner</td>
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<td>Esther Park</td>
<td>University of New Mexico</td>
<td>WSPR Mead Johnson Travel Award Winner</td>
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<tr>
<td>Liliya Parkman</td>
<td>UCSF Benioff Children's Hospital</td>
<td>Abbott Subspecialty Award</td>
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<td>Anca Pasca</td>
<td>Stanford University</td>
<td>WSCI Travel Award Winner</td>
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<tr>
<td>Sina Rabi</td>
<td>David Geffen School of Medicine at UCLA</td>
<td>WSPR Abbott Nutrition Lowell Glasgow Student Research Award Winner</td>
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<tr>
<td>Douglas Rooke</td>
<td>University of Colorado</td>
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<td>Anthony Sainz</td>
<td>University of Utah</td>
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<td>Priya Shastry</td>
<td>LAC+USC Medical Center, Keck School of Medicine</td>
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<td>Christopher Shaw</td>
<td>University of Washington</td>
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<td>Elizabeth Wadhwa</td>
<td>Stanford University</td>
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<td>Magdalena Szkudlinska</td>
<td>University of Washington</td>
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<td>Kimeshia Thomas</td>
<td>University of Washington</td>
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<tr>
<td>Sofya Tokman</td>
<td>University of California, San Francisco</td>
<td>California Thoracic Society Scholar Winner</td>
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<tr>
<td>Vincent Whelan</td>
<td>UCSF Fresno</td>
<td>WSCI Travel Award Winner</td>
</tr>
<tr>
<td>Daniel Yazdi</td>
<td>David Geffen School of Medicine at UCLA</td>
<td>WAFMR/WAP Student Subspecialty Award Winner</td>
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</table>
SPECIALTY CLUB ANNOUNCEMENTS

Friday, January 30, 2015

DYSMORPHOLOGY CLUB

6:15 PM – 7:15 PM
Rehearsal Room – Sunset Center

Genetic Unknowns and Rare Knowns

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

6:30 PM – Reception
7:00 PM
Perinatal Briefing

EPIGENETICS-WHERE GENES AND ENVIRONMENT MEET

Featured Speaker: Judith G. Hall, OC, MD, FRSC, FCAHS
UBC & Children's and Women's Health Centre of British Columbia

Supported by Mead Johnson Nutrition
WESTERN ASSOCIATION OF PHYSICIANS

AGING: EMERGING INSIGHTS

Thursday, January 29, 2015
9:00 AM – 11:30 AM
Studio 105, Sunset Center

John Kane and Ravi Durvasula, Presiding

9:00 UNDERSTANDING AND REVERSING THE AGING OF TISSUE STEM CELLS.
Irina Boncoy, University of California, Berkeley

9:45 GENETIC AND EPIGENETIC REGULATION OF AGING.
Anne Brunet, Stanford University

10:30 BREAK

10:45 AGING, METABOLISM AND EPIGENETICS.
Eric Verdin, The Gladstone Institute, University of California, San Francisco

11:30 ADJOURN

11:35 WAP BUSINESS MEETING

INVESTIGATOR WORKSHOP

Thursday, January 29, 2015
11:30 AM – 12:30 PM

The American Federation for Medical Research and the Tri-Societies are pleased to sponsor a workshop for Fellows and Junior Faculty. Lunch will be provided.

Making the Most of Your Mentor
Ellen Schur, MD, MS
University of Washington, Harborview Medical Center

Sunset Center – Green Room
Cardiovascular I
Promenade Lobby (Sunset Center)
Kevin O’Brien, Presiding

12:30 MEDICATION THERAPY AT DISCHARGE FOR PATIENTS HOSPITALIZED WITH ACUTE MYOCARDIAL INFARCTION.
E Bulley, A Cypro, D Bechtold, G Salvatierra and K Daratha, Seattle, WA and Spokane, WA. University of Washington (WSMRF)

Abstract 1

12:45 DYNAMICAL MODEL OF OSCILLATORY GENE EXPRESSION IN BMP-4/9 VASCULAR ENDOTHELIAL CELL NETWORK.
D Yazdi, P Guihard, K Bostrom and A Garfinkel, Westwood, CA. David Geffen School of Medicine at UCLA (WAFMR/WAP Student Subspecialty Award Winner) (WSMRF)

Abstract 2

1:00 THE RELEVANCE OF DONOR SPECIFIC ANTI-HLA ANTIBODIES LATE AFTER HEART TRANSPLANTATION.
A Fong, F Liou, S Siddiqui, M Hamilton and J Kobashigawa, Los Angeles, CA. Cedars-Sinai Medical Center

Abstract 3

1:15 HISTONE DEACETYLASE INHIBITION ABROGATES HYPOXIA-INDUCED RIGHT VENTRICULAR HYPERTROPHY.
S Payne, W Blakeslee, K Demos-Davies, CS Long, TA McKinsey and S Miyamoto, Aurora, CO and Denver, CO. University of Colorado Denver School of Medicine (WSMRF)
1:30  DOES THE DEVELOPMENT OF BW4 AND BW6 ANTIBODIES CONFER POORER OUTCOMES IN HEART TRANSPLANT PATIENTS?
N Assad, F Liou, S Siddiqui, M Hamilton and J Kobashigawa, Los Angeles, CA. Cedars-Sinai Medical Center

1:45  THE ROLE OF HYPOTHERMIA AND CORONARY REPERFUSION IN MAXIMIZING NEUROLOGICALLY INTACT SURVIVAL AFTER CARDIAC ARREST.
C Ellingson and KB Kern, Tucson, AZ. University of Arizona College of Medicine

2:00  CYLEX FAILS TO IMPROVE PREDICTIVE VALUE OF ALLOMAP FOR CARDIAC ALLOGRAFT REJECTION.
M Luu, T Aintablian, F Liou, M Hamilton and J Kobashigawa, Los Angeles, CA. Cedars-Sinai Medical Center

2:15  THE LEFT GREATER SAPHENOUS VEIN IS THE PREFERRED CONDUIT FOR CORONARY ARTERY BYPASS GRAFTING.
L Uhr, M Chen, JJ Wu, S Johnstone, J Chen and J Lee, Boston, MA and Honolulu, HI. Massachusetts Institute of Technology

2:30 pm - 3:30 pm Break and Poster Session

Endocrinology and Metabolism I
Bingham Room #3 (Sunset Center)
Joshua Thaler and Stephanie T. Page, Presiding

12:30  State-of-the-Art Speaker
HYPOTHALAMIC MECHANISMS IN DIET-INDUCED OBESITY.
Joshua Thaler, University of Washington

1:00  DIMINISHED EXPRESSION OF CD40 BY ADIPOSE TISSUE MACROPHAGE CORRELATES WITH BODY FAT IN HEALTHY NON-OBESE MEN.
JH Chao, ST Page, D Hagman, M Kratz and KB Rubinow, Seattle, WA. University of Washington (WAFMR)

1:15  EFFECTS OF MATERNAL ZINC DEFICIENCY ON OFFSPRING SATIETY, GLUCOSE HOMEOSTASIS AND GROWTH.
JA Tzeng, AF Philipps and B Lonnerdal, Davis, CA and Sacramento, CA. University of California Davis
1:30 HDL-MEDiated ENOS ACTIVATION FALLS BEFORE THE ONSET OF T2DM IN OBESE NON-HUMAN PRIMATES.
E Couzens and F Kim, Loma Linda, CA and Seattle, WA. Loma Linda University

1:45 TRIGLYCERIDE HYPERTOLERANCE IN PATIENTS ON PARENTERAL NUTRITION.
DT O'Keeffe, S Maraka, EM Nystrom, M McMahon and JM Miles, Rochester, MN. Mayo Clinic

2:00 ENDOTHELIAL DYSFUNCTION IN TYPE 1 DIABETIC ADOLESCENTS.
S Hegemann, A West, G Coe, M Cree-Green and K Nadeau, Aurora, CO. University of Colorado Denver

2:15 ASSOCIATION OF PASSIVE AND ACTIVE SMOKING WITH PREDIABETES RISK IN A PREDOMINANTLY HISPANIC POPULATION.
AS Manshad, JE Camacho, JR Bucheli and MR Burge, Albuquerque, NM and Albuequerque, NM. University of New Mexico Health Science Center

2:30 pm - 3:30 pm Break and Poster Session

Health Care Research I
Babcock #6 (Sunset Center)
Kathleen Volkmann and Juan Lessing, Presiding

12:30 ACCURACY OF EMS FIELD INFORMATION RELATED TO PRE-EXISTING CHRONIC HEALTH CONDITIONS AND MEDICATION TREATMENT IN OUT-OF-HOSPITAL CARDIAC ARREST.
AA Foster, V Florea, C Fahrenbruch, J Blackwood and T Rea, Seattle, WA. University of Washington (WSMRF)

12:45 ADHERENCE AND PERSISTENCE TO STATIN THERAPY IN A VETERAN POPULATION.
K Morotti, J Lopez, M Harvey, V Vaupel, A Swislocki and D Siegel, Martinez, CA; Reno, NV and Sacramento, CA. VANCHCS (WSCI Travel Award Winner)

1:00 RISK FACTORS FOR POSTPARTUM READMISSION FOR HYPERTENSIVE DISORDERS AT A TERTIARY HOSPITAL CENTER.
K Thomas, J Lai, S Walker and T Benedetti, Seattle, WA. University of Washington School of Medicine (WAFMR/WAP Student Subspecialty Award Winner) (WSMRF)

1:15 DIAGNOSTIC AGREEMENT AMONG PATHOLOGISTS ASSESSING FLAT EPITHELIAL ATYPIA ON BREAST BIOPSY SPECIMENS.
POST IMPLEMENTATION EVALUATION OF TELEDERMATOLOGY IN A VA MEDICAL CENTER.
MM Roman and M Chiu, Loma Linda, CA and Los Angeles, CA. David Geffen School of Medicine at UCLA (WSMRF)

CARDIAC SCREENING IN HIGH SCHOOL ATHLETES: THE IMPACT OF EXERCISE LEVEL ON SYMPTOM RESPONSE RATES.
A Haruta, M Zigman and J Drezner, Seattle, WA. University of Washington (WSMRF)

CROWD SOURCED ASSESSMENT OF TECHNICAL SKILLS (CSATS): A SCALABLE ASSESSMENT TOOL FOR THE NURSING WORKFORCE.
S Kirsch, B Comstock, J Warren, C Schaffhausen, T Kowalewski and T Lendvay, Seattle, WA and Minneapolis, MN. University of Washington (WSMRF)

MYMEDS: EVALUATING PATIENT AND PROVIDER PERSPECTIVES ON INTEGRATED CLINICAL PHARMACY SERVICES.
S Lonowski, C Mangione, J Chon, J Fu and G Moreno, Los Angeles, CA. University of California, Los Angeles

IMMUNOLOGY AND RHEUMATOLOGY I
Chapman #4 (Sunset Center)
Keith Colburn and Emil Heinze, Presiding

DO POST-TRANSCRIPTIONAL ELEMENTS CONTROLLING NLRP3 MRNA STABILITY DICTATE INFLAMMATION?
SN Varela and S Ram, Seattle, WA. University of Washington (WSMRF)

IGM-MEDIATED PHAGOCYTOSIS OF STAPHYLOCOCCUS AUREUS IN MICROGLIA IS DEPENDENT ON COMPLEMENT RECEPTOR 3, BUT NOT COMPLEMENT FACTOR 3.
JF Hanson, Y Quan, L Colonna, T Moller and JR Weinstein, Seattle, WA. University of Washington (WAFMR/WAP Student Subspecialty Award Winner) (WSMRF)

TARGETING CANCER WITH LUPUS AUTOANTIBODIES.
James E. Hansen, Yale University

State-of-the-Art Speaker
1:30 ENGINEERING OF DENDRITIC CELLS FOR STIMULATING GUT-HOMING IMMUNE CELLS.
C Chan, C Li, DJ Baylink, Y Xu, MH Walter, KW Lau, X Qin, E Carreon Berumen and X Tang, Loma Linda, CA. Loma Linda University

Abstract 25

1:45 ABSENCE OF CCL3 COMPROMISES RESOLUTION OF EXPERIMENTAL OTITIS MEDIA AND IMPAIRS HOST DEFENSE OF THE MIDDLE EAR.
BA Nuyen, D Deniffel, K Pak and A Ryan, La Jolla, CA. University of California, San Diego School of Medicine

Abstract 26

2:00 CHARACTERIZING THE ROLE OF THE ALTERNATIVE COMPLEMENT PATHWAY IN VASCULAR REGRESSION IN A MOUSE MODEL OF RETINOPATHY.
D Diaz Aguilar, C Kim, H Sweigard and K Connor, Los Angeles, CA and Boston, MA. UCLA

Abstract 27

2:15 SURFACE APRIL IS ELEVATED ON MYELOID CELLS AND IS ASSOCIATED WITH DISEASE ACTIVITY IN RHEUMATOID ARTHRITIS PATIENTS.
N Daoud, AJ Weldon, I Moldovan, M Cabling, E Hernandez, S Hsu, J Gonzalez, A Parra, A Benitez, K Colburn and KJ Payne, Loma Linda, CA and Redlands, CA. Loma Linda University (WSCI Travel Award Winner)

Abstract 28

2:30 pm - 3:30 pm Break and Poster Session

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

12:30 PRECLINICAL DEVELOPMENT OF NOVEL ANTIBIOTICS AGAINST GRAM POSITIVE BACTERIA.
N Duster, S Creason, R Ranade, E Fan, Z Zhang and F Buckner, Seattle, WA. University of Washington (WAFMR/WAP Student Subspecialty Award Winner)

Abstract 29

12:45 THE SAE VIRULENCE SYSTEM PROMOTES INTERFERON-GAMMA TO ENHANCE STAPHYLOCOCCUS AUREUS SKIN DISEASE IN AN INTERLEUKIN-17 DEPENDENT MANNER.
C Addison, F Guerra, R Watkins and J Voyich, Seattle, WA and Bozeman, MT. University of Washington (WSMRF)

Abstract 30

1:00 PROCALCITONIN MEASUREMENTS IN COCCIDIOIDOMYCOSIS.
R Chahal, L Nesbit, C Strawter, E Oren, K Song and K Knox, Tucson, AZ. University of Arizona College of Medicine

Abstract 31
1:15 OPTIMIZING CHITOSAN NANOPARTICLES FOR THE TREATMENT OF SEPSIS.
CJ Stevick, A Crofton and W Kirsch, Loma Linda, CA. Loma Linda University

1:30 SOCIO-ECONOMIC, CLINICAL, AND BEHAVIORAL FACTORS ASSOCIATED WITH STUDY RETENTION AMONG TUBERCULOSIS PATIENTS IN BOTSWANA.
J Billings, L Allan-Blitz, M Ogopotse, O Fane, C Modongo, SS Shin, J Klausner and N Zetola, Los Angeles, CA; Gaborone, Botswana and Philadelphia, PA. David Geffen School of Medicine at UCLA

1:45 FACTORS THAT INFLUENCE MYCOBACTERIUM TUBERCULOSIS CULTURE RESULTS IN PATIENTS DIAGNOSED WITH TUBERCULOSIS.
L Allan-Blitz, M Ogopotse, J Billings, O Fane, C Modongo, SS Shin, J Klausner and N Zetola, Los Angeles, CA; Gaborone, Botswana and Philadelphia, PA. David Geffen School of Medicine at UCLA

2:00 DEMAND FOR ACUTE HIV TESTING IN HIGH-RISK MEN WHO HAVE SEX WITH MEN AND TRANSGENDER WOMEN IN LIMA, PERÚ.
G Wandell, Y Molina, H Sanchez, AC Greer, C Bain, J Rios, P Segura, J Lama, J Sanchez and A Duerr, Seattle, WA and Lima, Peru. University of Washington (WSMRF)

2:15 EFFECT OF COPING STYLE ON LINKAGE TO CARE AND MENTAL HEALTH AMONG NEWLY DIAGNOSED HIV-INFECTED MEN WHO HAVE SEX WITH MEN AND TRANSGENDER WOMEN IN LIMA, PERÚ.
AC Greer, Y Molina, G Wandell, H Sanchez, C Bain, K Konda, M Villaran, J Lama and A Duerr, Seattle, WA; Lima, Peru and Los Angeles, CA. University of Washington

2:30 pm - 3:30 pm Break and Poster Session

Neonatal Pulmonary I
Rehearsal Room (Sunset Center)
Arlin Blood and Clyde Wright, Presiding

12:30 PROTEIN ABUNDANCE AND PHOSPHORYLATION LEVEL OF VASODILATOR-STIMULATED PHOSPHOPROTEIN ARE AFFECTED BY VENTILATION MODE IN PRETERM LAMBS.
M Yoshigi, ZM Wang, K Yasuda, MJ Dahl and K Albertine, Salt Lake City, UT. University of Utah

12:45 ELEVATED IGF-1 LEADS TO ALVEOLAR SIMPLIFICATION IN THE LUNG AT 3 DAYS OF VENTILATION OF PRETERM LAMBS.
MJ Dahl, C Bradford, K Summers, L Dong, ZM Wang, BA Yoder, DM Null and K Albertine, Salt Lake City, UT. University of Utah (WSPR)

Abstract 38

1:00 PERINATAL NICOTINE EXPOSURE'S EFFECTS ON LUNG FIBROBLAST DIFFERENTIATION ARE EPIGENETICALLY MEDIATED.
M Gong, A Corre, N Murthy, R Sakurai and VK Rehan, Torrance, CA. Los Angeles Biomedical Research Institute at Harbor-UCLA Medical Center

Abstract 39

1:15 ACTIVATION OF L-TYPE CALCIUM CHANNELS INFLUENCES CALCIUM WAVES AFTER LONG-TERM HYPOXIA AND MATURATION.
C Shen, M Romero, A Brunelle, A Dobyns, M Francis, M Taylor, LD Longo, CG Wilson and SM Wilson, Loma Linda, CA and Mobile, AL. Loma Linda University (WSMRF)

Abstract 40

1:30 MATERNAL TOBACCO SMOKE EXPOSURE ALTERS DEVELOPMENTALLY REGULATED ELASTIN ALTERNATIVE SPLICING IN THE LUNG OF RAT PUPS.
AO Sainz, C Zou, J Zhao, Y Wang, K Albertine and L Joss-Moore, Salt Lake City, UT. University of Utah (Abbott Subspecialty Award) (WAFMR)

Abstract 41

1:45 PERINATAL NICOTINE EXPOSURE DISRUPTS PARACRINE COMMUNICATION BETWEEN BONE MARROW-DERIVED MESENCHYMAL STEM CELLS AND ALVEOLAR TYPE II CELLS TRANSGENERATIONALLY.
M Gong, J Liu, T Chou, R Sakurai and VK Rehan, Torrance, CA. Los Angeles Biomedical Research Institute at Harbor-UCLA Medical Center

Abstract 42

2:00 LIMITED POSTNATAL FEEDING REDUCES THE PPARγ-SETD8-H4K20ME1-WNT PATHWAY IN THE LUNG OF PRETERM LAMBS.

Abstract 43

2:15 THE EFFECT OF ACUTE HYPOXIA ON RYR ACTIVITY IN HIGH ALTITUDE ACCLIMATIZED FETAL AND ADULT SHEEP.
T Yoo, M Romero, J Puglisi, DM Bers, L Izu, LD Longo and SM Wilson, Loma Linda, CA and Davis, CA. Loma Linda University School of Medicine

Abstract 44

2:30 pm - 3:30 pm Break and Poster Session
12:30 CHORIOAMNIONITIS: OUTCOMES OF ASYMPTOMATIC LATE PRETERM AND TERM NEONATES WITH NON-Routine USE OF EMPIRIC ANTIBIOTICS.
A Jan, R Ramanathan and R Cayabyab, Los Angeles, CA. LAC+USC Medical Center

12:45 IMPACT OF STANDARDIZED COMMUNICATION TECHNIQUES ON ERRORS DURING SIMULATED NEONATAL RESUSCITATION.
NK Yamada, JH Fuerch and LP Halamek, Palo Alto, CA. Lucile Packard Children's Hospital at Stanford (WSPR)

1:00 THE INCIDENCE OF CEREBELLAR HEMORRHAGE IN EXTREMELY LOW BIRTH WEIGHT INFANTS.
L Kim, M Shiroshi, S Cen, A Prosper, R Erickson, D Liu, O Boyko, L Vachon and R Cayabyab, Los Angeles, CA. University of Southern California

1:15 HISTOLOGIC CHORIOAMNIONITIS ASSOCIATED WITH ANTIBIOTIC TREATMENT IN ASYMPTOMATIC LATE PRETERM AND TERM NEONATES.
A Jan, R Ramanathan and R Cayabyab, Los Angeles, CA. LAC+USC Medical Center

1:30 SURVIVAL AND MORBIDITY IN INFANTS LESS THAN 500 GRAMS- A SINGLE CENTER EXPERIENCE.
OP Jha, M Biniwale, R Ramanathan and L Barton, Los Angeles, CA. LAC+USC Medical Center

1:45 IMPROVING DIAGNOSTIC ACCURACY & EFFICIENCY BY OPTIMIZATION OF BEDSIDE DATA DISPLAY.
J Fuerch, NK Yamada and LP Halamek, Palo Alto, CA. Lucile Packard Children's Hospital at Stanford

2:00 PALLIATIVE CARE FOR CRITICALLY ILL PREMATURE INFANTS: PROVIDERS' TRAINING, PERSPECTIVES, AND PRACTICES IN INTENSIVE CARE NURSERIES IN VIETNAM.
A Quach, HT Tran and JC Partridge, San Francisco, CA and Hanoi, Viet Nam. University of California, San Francisco (WSMRF)
2:15 COST AWARENESS AMONG PHYSICIANS IN THE NEONATAL INTENSIVE CARE UNIT.
CL Osman, D Wei, A Lakshmanan, P Friedlich, S Chin, D Dukhovny and J Romley, Los Angeles, CA; Oakland, CA and Boston, MA. Children's Hospital Los Angeles / LAC+USC Medical Center

Abstract 52

2:30 pm - 3:30 pm Break and Poster Session

POSTER SESSION I

Jointly sponsored by

WESTERN SECTION AMERICAN FEDERATION FOR MEDICAL RESEARCH
WESTERN SOCIETY FOR CLINICAL INVESTIGATION
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WESTERN STUDENT MEDICAL RESEARCH FORUM

Carpenter Hall

Thursday, January 29, 2015
12:30 PM – 5:30 PM

(Presenters in attendance from 2:30 pm to 3:30 pm)

Cardiovascular
Community Health
Endocrinology and Metabolism
General Internal Medicine and Aging

Poster Number

Cardiovascular

1 PEDIATRIC SWEET SYNDROME AND PULMONARY HYPERTENSION: A CASE REPORT.
B Castellanos and A Chang, New Orleans, LA and Orange, CA. Louisiana State University

Abstract 53

2 CHANGE IN WEIGHT POST-TOTAL ARTIFICIAL HEART: IMPACT ON OUTCOME?
F Kim, F Liou, J Yabuno, M Hamilton and J Kobashigawa, Los Angeles, CA. Cedars-Sinai Medical Center

Abstract 54

3 KAWASAKI DISEASE WITH ARTHRITIS IN AN 8 YEAR OLD GIRL.
R Zia and R Shah, Las Vegas, NV. University of Nevada School of Medicine
Community Health

4 BEAUTY IS IN THE EYE OF THE BEHOLDER: BODY SELF-IMAGE PERCEPTIONS OF URBAN HIGH SCHOOL STUDENTS.
A Amaral, J Avila, M Andrade, A Mendoza, B Ordonez and R Kinman, Fresno, CA and Madera, CA. Fresno High School

5 MAINTAINING INDEPENDENCE IN REXBURG IDAHO HOMEBOUND PATIENTS.
J Bell, Seattle, WA. University of Washington

6 WALKING CHEWELAH TO BETTER HEALTH: INCREASING THE PHYSICAL ACTIVITY OF WOMEN IN CHEWELAH, WA THROUGH THE ORGANIZATION OF A WOMAN’S WALKING CLUB.
L Coates, Seattle, WA. University of Washington School of Medicine (WSMRF)

7 TORRINGTON CONDOM AVAILABILITY PROGRAM: REDUCING RATES OF CHLAMYDIA.
AL Fluckiger, Seattle, WA. University of Washington (WSMRF)

8 EFFECTIVENESS OF EARLY EXPOSURE TO HANDS-ON DA VINCI ROBOTICS AND SUTURING SIMULATIONS IN A PREMEDICAL SUMMER PROGRAM.
AJ Garcia, B Hwee, V Yacoubian, T Vashist, S Zarinafsar, P Jennings, T Yousuf and B Afghani, Irvine, CA and LA, CA. University of California Irvine School of Medicine

9 SOBER MOTHERS, STRONG BABIES: ADDRESSING MATERNAL SUBSTANCE ABUSE IN POLSON, MT.
C Gaul, Seattle, WA. University of Washington School of Medicine

10 DEVELOPING A COORDINATED NETWORK OF ADDICTION RECOVERY SERVICES FOR PREGNANT WOMEN IN JUNEAU, ALASKA.
K Jorgensen, Seattle, WA. University of Washington School of Medicine (WSMRF)

11 IMPLEMENTING A NEEDLE EXCHANGE PROGRAM IN BILLINGS, MONTANA.
M Kennelly, Seattle, WA. University of Washington School of Medicine
12 SUN VALLEY YOUTH IMPROV PROGRAM: ADDRESSING ADOLESCENT MENTAL HEALTH THROUGH A THEATER-BASED YOUTH DEVELOPMENT PROGRAM.
C Ma, Seattle, WA. Wayne State University (WSMRF)
Abstract 64

13 TEACHING SEXUAL AND REPRODUCTIVE HEALTH THROUGH PEER EDUCATION.
K McMahon, Seattle, WA. University of Washington School of Medicine
Abstract 65

14 FACTORS INFLUENCING THE STANDARDIZED TEST SCORES FOR COLLEGE ENTRANCE AMONG PREHEALTH STUDENTS.
C Nikroo, Rancho Santa Margarita, CA and Irvine, CA. Santa Margarita Catholic High School
Abstract 66

15 LGBT HEALTH ISSUES IMMERSION DAY: MEASURING THE IMPACT OF AN LGBT HEALTH EDUCATION INTERVENTION.
BA Nuyen, R Scholz, RA Hernandez and N Graff, La Jolla, CA. University of California, San Diego School of Medicine
Abstract 67

16 HEALTH INSURANCE FOR THE UNINSURED IN TWIN FALLS, IDAHO.
DA Potts, Seattle, WA. University of Washington
Abstract 68

17 HEALTHY EATING MADE EASY: BILINGUAL MEAL GUIDES SPECIALIZED FOR LOW INCOME FAMILIES.
C Rieck, Seattle, WA. University of Washington (WSMRF)
Abstract 69

18 DEVELOPING A PATHWAY TO PRIMARY HEALTHCARE AND ACUTE SERVICES FOR INTRAVENOUS DRUG USERS IN A RURAL COMMUNITY.
R Smith, Seattle, WA. University of Washington School of Medicine (WSMRF)
Abstract 70

19 FEASIBILITY OF USING VERBAL AUTOPSY TO ASSESS CAUSES OF INFANT DEATH IN ENUGU NIGERIA.
CS Ugwu and E Ezeanolue, Tucson, AZ and Las Vegas, NV. University of Arizona
Abstract 71

20 INCREASING PEDESTRIAN SAFETY ON MAIN STREET/HIGHWAY 287 IN ENNIS, MONTANA WITH RECTANGULAR RAPID FLASH BEACONS AND ADVANCED WARNING SIGNS.
I Wilson, Seattle, WA. University of Washington (WSMRF)
Abstract 72
Endocrinology and Metabolism

21 **HEMATURIA AS A PRESENTING SYMPTOM IN NEW ONSET DIABETIC KETOACIDOSIS.**
JE Camacho, C Wong and H Agarwal, Albuquerque, NM. University of New Mexico
Abstract 73

General Internal Medicine and Aging

22 **SUMATRIPTAN RESULTING IN TRANSIENT LACTIC ACIDOSIS.**
RJ Andrews, S Showers and J Jernigan, Albuquerque, NM. University of New Mexico
Abstract 74

23 **DESIGNING A PALLIATIVE MEDICINE COURSE FOR FIRST YEAR WWAMI STUDENTS.**
D Cornish, Seattle, WA. University of Washington
Abstract 75

24 **SEVERE OSTEOARTHRITIS ASSOCIATED WITH EARLY ONSET MENOPAUSE.**
M Hughbanks and E Burger-Van der Walt, Aurora, CO. University of Colorado School of Medicine (WSMRF)
Abstract 76

CONCURRENT SESSIONS

Thursday, January 29, 2015
3:30 PM – 6:00 PM

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WESTERN SECTION AMERICAN FEDERATION FOR MEDICAL RESEARCH
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WESTERN STUDENT MEDICAL RESEARCH FORUM

Behavior and Development I..............................Babcock #6
Cardiovascular II........................................Promenade Lobby
Global Health...........................................Conductor’s Room
Hematology and Oncology I.................................Green Room
Neonatal Pulmonary II.....................................Rehearsal Room
Neuroscience I............................................Chapman #4
Pulmonary and Critical Care I..............................Studio 105
Surgery I....................................................Bingham Room #3
3:30 BIRTH EXPERIENCE SATISFACTION AS A FUNCTION OF REQUESTS MADE AND FULFILLMENT AMONG BIRTH PLAN MOTHERS.
JY Mei, Y Afshar and T Esakoff, Los Angeles, CA. David Geffen School of Medicine at UCLA (WSMRF)
Abstract 77

3:45 THE ASSOCIATION OF MATERNAL TOUCH WITH INFANT AFFECT AND COGNITION AT 4 AND 9 MONTHS OF AGE.
CA Brooks, O Myers, C Aragón, J Phillips, A Caprihan and J Lowe, Albuquerque, NM. University of New Mexico
Abstract 78

4:00 ADDRESSING BARRIERS TO EARLY SCREENING, DIAGNOSIS AND TREATMENT OF AUTISM SPECTRUM DISORDER IN LATINO CHILDREN.
L Gist and S Gahagan, San Diego, CA. University of California San Diego
Abstract 79

4:15 PREDICTIVE VALIDITY OF SOCIAL ENGAGEMENT AND ATYPICAL BEHAVIOR SCORES ON THE SCREENING TOOL FOR AUTISM IN TODDLERS.
B Duffy, L Ibanez and W Stone, Seattle, WA. University of Washington (WSMRF)
Abstract 80

4:30 State-of-the-Art Speaker
THINKING OUTSIDE THE BRAIN: MATERNAL AUTOANTIBODIES IN AUTISM.
Judy van de Water, University of California, Davis

5:00 FAMILIAL RATES OF PSYCHIATRIC DISORDERS IN CHILDREN WITH AUTISM SPECTRUM DISORDERS ASSOCIATED WITH GENETIC MUTATIONS.
K Luhrs, R Bernier and C Hudac, Seattle, WA. University of Washington School of Medicine
Abstract 81

5:15 EXPLORING SHARED DECISION-MAKING IN CHILDREN WITH NEURODEVELOPMENTAL DISORDERS.
LM Hubner and LC Huffman, Palo Alto, CA. Stanford University Medical Center
Abstract 82

5:30 COPY NUMBER VARIANTS AND DYSMORPHIC FINDINGS IN CHILDREN WITH AUTISM SPECTRUM DISORDERS.
KA Kazlauskas, San Diego, CA. University of California San Diego School of Medicine
Abstract 83
3:30  FAMILIES IN MOTION: AN INTERVENTION TO REDUCE CHILDREN'S SCREEN TIME AND PROMOTE PHYSICAL ACTIVITY THROUGH A WIC CLINIC-BASED EDUCATIONAL PROGRAM IN MONTPELIER, IDAHO.  
CL Erley, Seattle, WA. University of Washington (WSMRF)  
Abstract 84

3:45  DEVELOPMENT OF A COMMUNITY-BASED EDUCATIONAL PROGRAM ON HYPERTENSION.  
CA Harrington, Seattle, WA. University of Washington School of Medicine (WSMRF)  
Abstract 85

4:00  THE IMPACT OF BUILDING HEIGHT AND VOLUME ON CARDIAC ARREST RESPONSE TIME.  
AB Conway, Seattle, WA. University of Washington School of Medicine (WSMRF)  
Abstract 86

4:15  ANTIBODY PRODUCTION DOES NOT APPEAR TO BE IMPORTANT IN TAH PATIENTS DESPITE MORE BLOOD TRANSFUSIONS.  
T Aintablian, F Liou, M Luu, M Hamilton and J Kobashigawa, Los Angeles, CA. Cedars-Sinai Medical Center  
Abstract 87

4:30  INCIDENCE OF POST-CONTRAST ACUTE KIDNEY INJURY IN SUDDEN CARDIAC DEATH SURVIVORS.  
BJ Petek, PE Bravo, PJ Kudenchuk, F Kim, EA Gill, ML Gunn, D Carlbom and KR Branch, Seattle, WA. University of Washington (WSMRF)  
Abstract 88

4:45  BENEFIT OF RENAL SPARING PROTOCOL ACROSS TIME POST HEART TRANSPLANTATION.  
P Patel, F Liou, S Siddiqui, M Hamilton and J Kobashigawa, Los Angeles, CA. Cedars-Sinai Medical Center  
Abstract 89

5:00  THE TIME COURSE OF ANTI-HLA ANTIBODY DEVELOPMENT FOLLOWING HEART TRANSPLANTATION.  
R Shiozaki, F Liou, S Siddiqui, M Hamilton and J Kobashigawa, Los Angeles, CA. Cedars-Sinai Medical Center  
Abstract 90

5:15  PREVALENCE OF OBSTRUCTIVE SLEEP APNEA IN CHILDREN WITH CARDIOMYOPATHY AND CONGENITAL STRUCTURAL HEART DISEASE.  
HN Truong, ML Chen, J Bufi and YM Law, Seattle, WA. University of Washington School of Medicine (WSMRF)  
Abstract 91
3:30  CERVICAL CANCER PREVENTION SCREENING IN EL SALVADOR: AN ANALYSIS OF PATHOLOGY RESULTS OF VIA POSITIVE PATIENTS SCREENED BY A TRAINED GENERAL PRACTITIONER.
SM Loredo and I Addis, Tucson, AZ. University of Arizona
Abstract 92

3:45  INCREASING EDUCATION ABOUT DIABETES AMONG COMMUNITY HEALTH WORKERS IN NAIVASHA, KENYA.
N Lee, Seattle, WA. University of Washington School of Medicine (WSMRF)
Abstract 93

4:00  ADVANCING AWARENESS OF DIABETES IN NEPAL THROUGH COMMUNITY EDUCATION.
EC Yount, Seattle, WA. University of Washington (WSMRF)
Abstract 94

4:15  PREVALENCE OF ANEMIA IN INDIAN WOMEN GIVING BIRTH - A CROSS SECTIONAL STUDY.
C Kaeppler, M Kaeppler and B Fassl, Salt Lake City, UT. University of Utah (WSCI Travel Award Winner)
Abstract 95

4:30  ASSESSMENT OF MALARIA TREATMENT AND PATIENT KNOWLEDGE IN THE GBEKÉ REGION OF CÔTE D'IVOIRE.
AE Kilgore, Spokane, WA. University of Washington School of Medicine (WSMRF)
Abstract 96

4:45  INCREASING HYGIENE AWARENESS TO REDUCE HOSPITAL ACQUIRED INFECTIONS AT THE UGANDA CANCER INSTITUTE.
R Enes, Seattle, WA and Kampala, Uganda. University of Washington (WSMRF)
Abstract 97

5:00  EVALUATION OF A NEWBORN HOME VISITATION PROGRAM IN KENYA.
KK Sheak, M Baca, Z Hillman and A Tomedi, Albuquerque, NM. University of New Mexico
Abstract 98

5:15  THE IMPACT OF MATERNAL AGE AT MARRIAGE ON MALNUTRITION OF HOSPITALIZED CHILDREN IN DHAKA, BANGLADESH.
D Huynh, T Bleakly, S Kache and MJ Chisti, Stanford, CA and Dhaka, Bangladesh. Stanford University School of Medicine (WSMRF)
Abstract 99

5:30  THE ASSOCIATION BETWEEN SCHOOL ATTENDED AND NUTRITIONAL STATUS IN SCHOOLCHILDREN IN SOROTI, UGANDA.
Hematology and Oncology I
Green Room (Sunset Center)

Thomas Deloughery and Miriam Schwarz, Presiding

3:30 AN OPTIMIZED LUPUS AUTOANTIBODY FRAGMENT FOR TARGETED THERAPY OF DNA REPAIR-DEFICIENT MALIGNANCIES.
P Noble, G Chan, M Young, R Weisbart and JE Hansen, New Haven, CT and Sepulveda, CA. Yale School of Medicine

3:45 CHARACTERIZATION OF AN AGGRESSIVE TYPE OF MURINE BASAL CELL CARCINOMAS.
V Tang, J Angelo Dolorito, D Tucker, GY Wang and EH Epstein, Oakland, CA. Children's Hospital Oakland Research Institute

4:00 CHARACTERIZATION OF ENDOGENOUS CD28-CD80 COSTIMULATION IN T CELLS EXPRESSING CHIMERIC ANTIGEN RECEPTORS WITH COSTIMULATORY CD28 DOMAINS.
D Pak and B Till, Seattle, WA. University of Washington School of Medicine (WAFMR/WAP Student Subspecialty Award Winner) (WSMRF)

J Keane, AT Hunt, EE Ezeanolue, J Kvam, M Pennington and Y Mohamednur, Las Vegas, NV and Carson City, NV. University of Nevada School of Medicine (WSCI Travel Award Winner) (WSPR)

4:30 ONCOGENIC POTENTIAL OF INTERLEUKIN-17 SIGNALING IN SQUAMOUS CELL CARCINOMA.
W Olcott, M Qin and J Kim, Los Angeles, CA. David Geffen School of Medicine at UCLA (WSMRF)

4:45 A PRECLINICAL XENOGRAFT MODEL TO IDENTIFY DISEASE MECHANISMS AND THERAPIES FOR CRLF2 B CELL ACUTE LYMPHOBLASTIC LEUKEMIA.
P Shiraz, O Francis, I Baez, K Sacedo-Conception, K Mayagoitia, E Ginelli, T Milford, J Coats, R Fisher, CL Morris, X zhang, R Su and KJ Payne, Loma Linda, CA. Loma Linda University

Abstract 100

Abstract 101

Abstract 102

Abstract 103

Abstract 104

Abstract 105

Abstract 106
5:00 COMPUTED TOMOGRAPHY IMAGING BIOMARKERS PREDICT EPIDERMAL GROWTH FACTOR RECEPTOR TUMOR STATUS AND PROGRESSION FREE SURVIVAL IN PATIENTS WITH NON-SMALL CELL LUNG CANCER.

S Lechner and M Kuo, Los Angeles, CA. David Geffen School of Medicine at UCLA (WSMRF)

Abstract 107

5:15 LIVER CANCER INTERNET INFORMATION: AN EVALUATION OF THE USAGE OF INTERNET RESOURCES BY PATIENTS WITH LIVER CANCER AND THE QUALITY OF INFORMATION AVAILABLE ON THE INTERNET.

J McLeod and P Ingledew, Vancouver, BC, Canada. University of British Columbia

Abstract 108

5:30 IMAGING OF INFLAMMATION BY NON-INVASIVE QUANTITATIVE T2-MRI USING IRON OXIDE NANOPARTICLES.

J Montejano, B Hammond, K Huber, V Borges, D Simberg, P Schedin and N Serkova, Denver, CO; Phoenix, AZ and Portland, OR. University of Colorado (WAFMR)

Abstract 109

5:45 CURCUMIN UPTAKE VIA EXOSOMES DECREASES PANCREATIC CANCER CELL VIABILITY.

JC Lynch, PD Leaf, CJ Diaz Osterman and NR Wall, Loma Linda, CA. Loma Linda University

Abstract 110

Neonatal Pulmonary II
Rehearsal Room (Sunset Center)
Arlin Blood and Clyde Wright, Presiding

3:30 CHLORIDE CHANNEL PROTEIN ABUNDANCE IS PERSISTENTLY ELEVATED DURING EVOLUTION OF NEONATAL CHRONIC LUNG DISEASE IN PRETERM LAMBS.

N Brewster, L Deneckere, MJ Dahl, L Dong, ZM Wang, DM Null, BA Yoder, DP Carlton and K Albertine, Salt Lake City, UT; Chicago, UT; Appleton, WI and Atlanta, GA. Midwestern University (WSPR)

Abstract 111

3:45 NEBULIZED 1α,25(OH)2D3: A NOVEL APPROACH AGAINST HYPEROXIA-INDUCED NEONATAL LUNG INJURY.

R Sakurai, S Taylor, M Gong, J Liu and VK Rehan, Torrance, CA. Los Angeles Biomedical Research Institute at Harbor-UCLA Medical Center (WSPR)

Abstract 112

4:00 ANTI-INFLAMMATORY EFFECTS OF BUDESONIDE IN HUMAN FETAL LUNG.

A Barrette, J Roberts and P Ballard, San Francisco, CA and Salt Lake City, UT. University of California San Francisco

Abstract 113
4:15  State-of-the-Art Speaker
PULMONARY HYPERTENSION: TRANSLATING SCIENCE TO DRUG DEVELOPMENT
Robin Steinhorn, University of California Davis Children's Hospital

4:45 NFκB ACTIVATION REGULATES MACROPHAGE DERIVED ET1 EXPRESSION FOLLOWING SYSTEMIC INFLAMMATORY STRESS.
S McKenna, M Gossling and C Wright, Aurora, CO. University of Colorado

5:00 SEROTONIN SIGNALING IS INCREASED IN A MODEL OF BRONCHOPULMONARY DYSPLASIA AND PULMONARY ARTERIAL HYPERTENSION.
CA Delaney, C Woods, J Kailey and E Grayck, Denver, CO. University of Colorado (WSPR)

5:15 BLEOMYIN-INDUCED LUNG INJURY IN MICE EXPRESSING HUMAN CARCINOEMBRYONIC ANTIGEN CELL ADHESION MOLECULE 6.
CJ Chapin, A Barrette, R Gonzalez, L Gonzales and P Ballard, San Francisco, CA and Philadelphia, PA. University of California San Francisco

5:30 TERMINAL BRONCHIOLES HAVE PERSISTENT MUSCULARIZATION IN THE LUNG OF FORMER PRETERM LAMBS.
J Orchard, H Emerson, MJ Dahl, L Dong, ZM Wang, DM Null, BA Yoder and K Albertine, Salt Lake City, UT. University of Utah (WSPR)

5:45 PULMONARY ARTERIOLES HAVE PERSISTENT MUSCULARIZATION IN THE LUNG OF FORMER PRETERM LAMBS.
H Emerson, J Orchard, MJ Dahl, L Dong, ZM Wang, DM Null, BA Yoder and K Albertine, Salt Lake City, UT. University of Utah (WSPR)

Neuroscience I
Chapman #4 (Sunset Center)
Marie-Francois Chesselet, Presiding

3:30 THE EFFECT OF INCREASED 5-HT6 RECEPTOR EXPRESSION IN THE NUCLEUS ACCUMBENS ON COCAINE SELF-ADMINISTRATION.
AW Gibson, M Brodsky, S Nair and J Neumaier, Seattle, WA. University of Washington (WSMRF)

3:45 CHOLINERGIC MODULATION OF CORTICOSTRIATAL GLUTAMATE RELEASE.
J Ross and N Bamford, Seattle, WA. University of Washington (WSMRF)
4:00  BLOOD BRAIN BARRIER DISRUPTION AFTER MILD TRAUMATIC BRAIN INJURY IN A CLOSED SKULL MODEL.
M Boyd, HJ Bream and W Banks, Seattle, WA. VA Puget Sound Health Care System (WSMRF)

4:15  DEVELOPMENT OF A CLOSED SKULL MODEL FOR MILD REPETITIVE TRAUMATIC BRAIN INJURY.
HJ Bream, M Boyd and W Banks, Seattle, WA. University of Washington (WSMRF)

4:30  DECREASED ACUTE INFLAMMATORY RESPONSE AND MYOGENESIS DURING SKELETAL MUSCLE RELOAD IN THE MOUSE MODEL OF LGMD2A.
J Torres, I Kramerova and M Spencer, Los Angeles, CA. University of California, Los Angeles

4:45  TEMOZOLOMIDE RECHALLENGE IS AN EFFECTIVE TREATMENT FOR FIRST TUMOR RECURRENCE IN PATIENTS WITH GLIOBLASTOMA.
A Yu and P Nghiemphu, Los Angeles, CA. David Geffen School of Medicine at UCLA (WSMRF)

5:00  BUILDING A HUMAN CORTEX IN A DISH: A NOVEL TOOL FOR STUDYING NEURODEVELOPMENTAL DISORDERS.
AM Pasca, S Sloan, LE Clarke, Y Tian, K Nguyen, C Kim, J Park, NA O'Rourke, SJ Smith, DH Geschwind, BA Barres and SP Pasca, Palo Alto, CA; Los Angeles, CA and Seoul, Korea (the Republic of). Stanford University (WSCI Travel Award Winner) (WSMRF)

5:15  ADOLESCENT FEMALES WITH SEVERE SUBSTANCE AND CONDUCT PROBLEMS SHOW HYPOACTIVITY OF THE RETROSPLENIAL CORTICAL REGION OF THE DEFAULT MODE NETWORK.
S Chumachenko, MS Dalwani and JT Sakai, Boulder, CO. University of Colorado School of Medicine (WAFMR/WAP Student Subspecialty Award Winner) (WSMRF)

5:30  THE OLIGOCLONAL BANDS IN MULTIPLE SCLEROSIS MAY BE IGG3-IGG1 IMMUNE COMPLEXES.
A Sundet and X Yu, Denver, CO. University of Colorado School of Medicine

5:45  PROLONGED NEUROINFLAMMATION FOLLOWING A SINGLE CLOSED HEAD INJURY (CHI) IN MICE.
3:30 GRANULOMATOUS LYMPHOCYTIC INTERSTITIAL LUNG DISEASES (GL-ILD) IN COMMON VARIABLE IMMUNODEFICIENCY.
BT Kuhn and AA Zeki, Sacramento, CA. University of California Davis Medical Center (California Thoracic Society Scholar Winner) 
Abstract 129

3:45 ABDOMINAL PAIN IN LUNG TRANSPLANT RECIPIENT WITH CYSTIC FIBROSIS.
S Tokman and M Kleinhenz, San Francisco, CA. University of California, San Francisco 
Abstract 130

4:00 LUNG TRANSPLANTATION FOR PATIENTS WITH TELOMERASE MUTATIONS.
S Tokman, J Singer and S Hays, San Francisco, CA. University of California, San Francisco (California Thoracic Society Scholar Winner) 
Abstract 131

4:15 TO VALIDATE STANDARD MEASUREMENTS OF LUNG FUNCTION IN A USER-FRIENDLY NOVELSPIROMETER AND INVESTIGATE THE ACCURACY OF AN EXHALED BREATH GAS SENSOR IN ASTHMATICS AND NON-ASTHMATICS.
LD Tan, C Davis, M Schivo, J Delplanque, A Fung, A Kwan and N Kenyon, Sacramento, CA; Mather, CA and Davis, CA. University of California, Davis 
Abstract 132

4:30 VALIDATING ALCOHOL SCREENING QUESTIONNAIRES IN THE MEDICAL INTENSIVE CARE UNIT.
S Kalra, E Burnham, IS Douglas, M Moss and B Clark, Aurora, CO and Denver, CO. University of Colorado School of Medicine (WSMRF) 
Abstract 133

4:45 INFLUENCE OF CHRONIC HYPOXIA AND OXIDATIVE STRESS ON CA2+ SPARKS IN PULMONARY ARTERIAL MYOCYTES OF ADULT SHEEP.
E Moral, M Romero, J Puglisi, DM Bers, L Izu, LD Longo and SM Wilson, Loma Linda, CA and Davis, CA. Loma Linda University 
Abstract 134
Surgery I  
Bingham Room #3 (Sunset Center)  
Daniel Doan and Subhas Gupta, Presiding

3:30 THE IMPACT OF THE AFFORDABLE CARE ACT ON PAYOR MIX IN AN ACADEMIC PLASTIC SURGERY CENTER.  
E Kutzner, P Lewis and S Gupta, Loma Linda, CA. Loma Linda University School of Medicine (WAFMR/WAP Student Subspecialty Award Winner)  
Abstract 135

3:45 HIGHER NUMBER OF OSTEOPHYTES WITH HYPERGLYCEMIA IN A MOUSE MODEL OF OSTEOARTHRITIS.  
MM McNulty, M Duran, W Schroeder, R Clark, A Berry, A Bucknell and K King, Aurora, CO and Denver, CO. University of Colorado School of Medicine (WSMRF)  
Abstract 136

4:00 MAGNETIC RESONANCE ARTHROGRAPHY AND THE PREVALENCE OF ACETABULAR LABRAL TEARS IN PATIENTS 50 YEARS OF AGE AND OLDER: IS IT REALLY INDICATED?  
R Jayakar, A Merz, B Plotkin, D Wang, L Seeger and S Hame, Los Angeles, CA. David Geffen School of Medicine at UCLA (WSMRF)  
Abstract 137

4:15 WHAT IS THE BEST WAY TO TRACK SURGICAL COMPLICATIONS? COMPARING THE NATIONAL SURGICAL QUALITY IMPROVEMENT PROGRAM VERSUS TRADITIONAL MORBIDITY AND MORTALITY ROUNDS.  
JX Zhang, D Song, J Bedford, D Courtemanche, M Bucevska and J Arneja, Vancouver, BC, Canada. British Columbia Children's Hospital (WSMRF)  
Abstract 138

4:30 THE "JULY EFFECT": FACT OR FICTION IN A TEACHING HOSPITAL-BASED PLASTIC SURGERY PRACTICE?  
D Korsich, N Biskup, J Dhillon and S Gupta, Loma Linda, CA. Loma Linda University  
Abstract 139

4:45 PERIORBITAL USES OF A SILK DERIVED BIOLOGICAL SCAFFOLD: A CASE SERIES OF A NEW TECHNIQUE FOR SOFT TISSUE SUSPENSION.  
I Danci, R Ford, J Dhillon and S Gupta, Loma Linda, CA. Loma Linda University School of Medicine  
Abstract 140

5:00 BREAST RECONSTRUCTION REFERRALS, RATES, AND MANAGEMENT FOLLOWING MASTECTOMY.  
S Yang, P Lewis and S Gupta, Loma Linda, CA and Riverside, CA. Loma Linda University School of Medicine  
Abstract 141
5:15 BIOMECHANICAL ASSESSMENT OF THREE PATELLAR ADVANCEMENT PROCEDURES FOR THE TREATMENT OF PATELLA ALTA.
K Krughoff, J Shapiro, T Baldini, A Seidl and J Carollo, Denver, CO. University of Colorado

Abstract 142

5:30 ADVERSE EVENTS BEFORE AND AFTER THE IMPLEMENTATION OF A MULTIModal PERI-OPERATIVE PAIN CONTROL REGIMEN FOR TOTAL KNEE ARTHROPLASTY: A RETROSPECTIVE STUDY.
A Vizcarr, M Nour and R Applegate, Loma Linda, CA. Loma Linda University School of Medicine

Abstract 143

5:45 A NOVEL IN VIVO MOUSE MODEL OF POSTOPERATIVE STAPHYLOCOCCUS AUREUS IMPLANT RELATED SPINE INFECTION.
JE Manegold, AI Stavrakis, AH Loftin, Y Hu, SA Richman, EM Dworsky, AA Scaduto and NM Bernthal, Los Angeles, CA. David Geffen School of Medicine at UCLA

Abstract 144

STUDENT SUBSPECIALTY AWARD POSTER SESSION AND RECEPTION

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 Women’s Club

Thursday, January 29, 2015
6:00 PM – 7:30 PM

Poster Number
25 USING ELECTRONIC METHODS TO CURB IRRESPONSIBLE DRINKING IN BUTTE ADOLESCENTS.
A Aldredge, Seattle, WA. University of Washington School of Medicine (Abbott Subspecialty Award) (WSMRF)

Abstract 145

26 EXCESSIVE DAYTIME SLEEPINESS AS AN INDICATOR OF DEPRESSION AMONG HISPANIC AMERICANS.
BA Nuyen, RS Fox, VL Malcarne, SI Wachsman, K Banuelos and GR Sadler, La Jolla, CA and San Diego, CA. University of California, San Diego School of Medicine (Abbott Subspecialty Award)
27 DYNAMICAL MODEL OF OSCILLATORY GENE EXPRESSION IN BMP-4/9 VASCULAR ENDOTHELIAL CELL NETWORK.  
D Yazdi, P Guihard, K Bostrom and A Garfinkel, Westwood, CA. David Geffen School of Medicine at UCLA (WAFMR/WAP Student Subspecialty Award Winner) (WSMRF)

28 THE ASSOCIATION BETWEEN SCHOOL ATTENDED AND NUTRITIONAL STATUS IN SCHOOLCHILDREN IN SOROTI, UGANDA.  
V Ma, N O'Hara, D Duffy, E Skarsgard and S Innis, Vancouver, BC, Canada. University of British Columbia (WAFMR/WAP Student Subspecialty Award Winner)

29 DECREASED MITOCHONDRIAL FUNCTION RELATED TO INSULIN RESISTANCE IN ADOLESCENT GIRLS WITH TYPE 2 DIABETES.  
A Gupta, M Cree-Green, G Coe, A West, M Brown, B Newcomer and K Nadeau, Aurora, CO and Birmingham, AL. The University of Colorado, Anschutz (WAFMR/WAP Student Subspecialty Award Winner) (WSMRF)

30 DERIVATIVES OF NEOAMPHIMEDINE AS TOPOISOMERASE II ALPHA INHIBITORS.  
D Rooke, D LaBarbera and W Messersmith, Aurora, CO. University of Colorado School of Medicine (WAFMR/WAP Student Subspecialty Award Winner) (WSMRF)

31 HIV-INFECTION AND AGING: DOES HIV INFECTION LEAD TO SHORTENED TELOMERES?  
E Auld, E Chang, J Lin, E Blackburn and L Huang, Seattle, WA and San Francisco, CA. University of Washington (WAFMR/WAP Student Subspecialty Award Winner) (WSMRF)

32 ASSESSING PENETRANCE OF HEMOCHROMATOSIS IN AN UNSELECTED POPULATION OF C282Y HOMOZYGOTES USING ELECTRONIC MEDICAL RECORDS.  
C Shaw, C Gallego, A Burt and GP Jarvik, Seattle, WA. University of Washington School of Medicine (Abbott Subspecialty Award)

33 RISK FACTORS FOR POSTPARTUM READMISSION FOR HYPERTENSIVE DISORDERS AT A TERTIARY HOSPITAL CENTER.  
K Thomas, J Lai, S Walker and T Benedetti, Seattle, WA. University of Washington School of Medicine (WAFMR/WAP Student Subspecialty Award Winner) (WSMRF)

34 CHARACTERIZATION OF ENDOGENOUS CD28-CD80 COSTIMULATION IN
T CELLS EXPRESSING CHIMERIC ANTIGEN RECEPTORS WITH COSTIMULATORY CD28 DOMAINS.
D Pak and B Till, Seattle, WA. University of Washington School of Medicine (WAFMR/WAP Student Subspecialty Award Winner) (WSMRF)

Abstract 154

35 IGM-MEDIATED PHAGOCYTOSIS OF STAPHYLOCOCCUS AUREUS IN MICROGLIA IS DEPENDENT ON COMPLEMENT RECEPTOR 3, BUT NOT COMPLEMENT FACTOR 3.
JF Hanson, Y Quan, L Colonna, T Moller and JR Weinstein, Seattle, WA. University of Washington (WAFMR/WAP Student Subspecialty Award Winner) (WSMRF)

Abstract 155

36 PRECLINICAL DEVELOPMENT OF NOVEL ANTIBIOTICS AGAINST GRAM POSITIVE BACTERIA.
N Duster, S Creason, R Ranade, E Fan, Z Zhang and F Buckner, Seattle, WA. University of Washington (WAFMR/WAP Student Subspecialty Award Winner)

Abstract 156

37 IDENTIFICATION OF A CANDIDATE LOCUS AT 8Q21 AMONG INFANTS WITH CONOTRUNCAL HEART DEFECTS.
L Parkman, K Schultz, N Mohammed, C Parodi, K Osoegawa, GM Shaw and E Lammer, Oakland, CA and Stanford, CA. UCSF Benioff Children's Hospital (Abbott Subspecialty Award)

Abstract 157

38 MATERNAL TOBACCO SMOKE EXPOSURE ALTERS DEVELOPMENTALLY REGULATED ELASTIN ALTERNATIVE SPlicing IN THE LUNG OF RAT PUPS.
AO Sainz, C Zou, J Zhao, Y Wang, K Albertine and L Joss-Moore, Salt Lake City, UT. University of Utah (Abbott Subspecialty Award) (WAFMR)

Abstract 158

39 THE EFFECT OF HEMATOCRIT ON IN VITRO BILIRUBIN PHOTOALTERATION UNDER BLUE AND BLUE-GREEN LIGHT.
DT Linfield, E Mei, AY Hwang, HJ Vreman, AA Lamola, RJ Wong and DK Stevenson, Stanford, CA. Stanford University School of Medicine (Abbott Subspecialty Award)

Abstract 159

40 ANTENATAL FACTORS ASSOCIATED WITH CLOSURE OF PATENT DUCTUS ARTERIOSUS IN EXTREMELY LOW BIRTH WEIGHT (ELBW) INFANTS.
P Shastry, S Vaikunth, R Cayabyab and S Bhombal, Los Angeles, CA. USC Division of Neonatal Medicine, LAC+USC Medical Center, Keck School of Medicine, University of Southern California, Los Angeles, CA (Abbott Subspecialty Award)

Abstract 160

41 EPIDEMIOLOGY OF CARDIAC SURGERY ASSOCIATED ACUTE KIDNEY
INJURY IN NEONATES: A PROSPECTIVE COHORT STUDY.
A De Mello, A Campbell, K Lee-Son, M Zappitelli, P Skippen, S Gandhi and C Mammen, Vancouver, BC, Canada and Montreal, QC, Canada. BC Children's Hospital (WAFMR/WAP Student Subspecialty Award Winner)

Abstract 161

42 ADOLESCENT FEMALES WITH SEVERE SUBSTANCE AND CONDUCT PROBLEMS SHOW HYPOACTIVITY OF THE RETROSPLENIAL CORTICAL REGION OF THE DEFAULT MODE NETWORK.
S Chumachenko, MS Dalwani and JT Sakai, Boulder, CO. University of Colorado School of Medicine (WAFMR/WAP Student Subspecialty Award Winner) (WSMRF)

Abstract 162

43 TRANSLATION OF SMALL MOLECULES THERAPIES FROM AN INDUCED PLURIPOTENT STEM CELL MODEL OF IDIOPATHIC PULMONARY FIBROSIS TO THE BLEOMYCIN MOUSE MODEL.
E Li, P Vijayaraj and B Gomperts, Los Angeles, CA. David Geffen School of Medicine at UCLA (WAFMR/WAP Student Subspecialty Award Winner)

Abstract 163

44 THE IMPACT OF THE AFFORDABLE CARE ACT ON PAYOR MIX IN AN ACADEMIC PLASTIC SURGERY CENTER.
E Kutzner, P Lewis and S Gupta, Loma Linda, CA. Loma Linda University School of Medicine (WAFMR/WAP Student Subspecialty Award Winner)

Abstract 164
JOINT PLENARY SESSION

OBESITY

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

Sunset Center Theater

Friday, January 30, 2015
8:00 AM – 11:15 AM

Kurt Albertine and Michael Schivo, Presiding

8:00  WSPR ABBOTT NUTRITION LOWELL GLASGOW STUDENT RESEARCH AWARD
DIFFERENTIAL GENE EXPRESSION PROFILING BETWEEN PRIMARY AND METASTATIC CUTANEOUS SQUAMOUS CELL CARCINOMA.
S Rabi, A Su, S Ra, X Li and S Binder, Los Angeles, CA and San Diego, CA. David Geffen School of Medicine at UCLA (WSMRF)

Abstract 165

8:15  WSPR ABBOTT NUTRITION DAVID W. SMITH PEDIATRIC TRAINEE RESEARCH AWARD
A PROSPECTIVE RANDOMIZED CONTROLLED TRIAL COMPARING SPRINTING VERSUS NON-SPRINTING APPROACH TO WEAN NASAL CONTINUOUS POSITIVE AIRWAY PRESSURE SUPPORT IN PREMATURE INFANTS BORN AT < 30 WEEKS GESTATIONAL AGE.
N Eze, D Murphy, A Jacinto, Y Pak, M Morris, V Dhar and VK Rehan, Torrance, CA and Orange, CA. Harbor UCLA Medical Center

Abstract 166

8:30  E.E. OSGOOD AWARD
IN VIVO DETECTION OF LOCALIZED PROTEASE UPREGULATION IN MURINE ASTHMA.
C Felsen, E Savariar, M Whitney and R Tsien, La Jolla, CA. University of California San Diego (WSMRF)

Abstract 167

8:45  WAFMR OUTSTANDING INVESTIGATOR AWARD
AXIN2 PREDICTS PROSTATE CANCER RECURRENCE AND PROMOTES AN INVASIVE, CANCER STEM-LIKE PHENOTYPE.
B Hu, A Fairey, A Madhav, D Yang, M Li, C Stephens, D Quinn, S Martin, I Gill and A Goldkorn, Los Angeles, CA. University of Southern California (WSCI)

Abstract 168
9:00 WSPR ABBOTT NUTRITION YOUNG INVESTIGATOR RESEARCH AWARD

DAMAGE CONTROL: TARGETING THE NF(KAPPA)B INHIBITORY PROTEINS I(KAPPA)B(ALPHA) AND I(KAPPA)B(BETA) TO MODULATE THE RESPONSE TO INFLAMMATORY STRESS IN THE DEVELOPING LUNG
Clyde Wright, University of Colorado Denver

9:30 - 9:45 am Intermission

John Kane and Stephanie Page, Presiding

9:45 WSPR STANLEY WRIGHT MEMORIAL LECTURE
PRADER-WILLI SYNDROME: A GENETIC MODEL OF CHILDHOOD-ONSET OBESITY.
Suzanne Cassidy, University of California, San Francisco

10:15 WAP DISTINGUISHED LECTURESHP
AGING & CHRONIC DISEASES - A VIEW FROM THE AGING SIDE
Brian Kennedy, The Buck Institute

10:45 WSCI MAYO SOLEY AWARD
Presenter: Stephanie Page, University of Washington
Recipient: Christina Wang, Harbor-UCLA

11:00 AWARD PRESENTATIONS

11:15 ADJOURN

11:15 WSPR BUSINESS MEETING

11:15 WSCI BUSINESS MEETING

INVESTIGATOR WORKSHOP

Friday, January 30, 2015
11:30 AM – 12:30 PM

The American Federation for Medical Research and the Tri-Societies are pleased to sponsor a workshop for Fellows and Junior Faculty. Lunch will be provided.

PUBLISHING WITHOUT PERISHING
Richard L. Kravitz, MD, MSPH
University of California Davis

Sunset Center – Green Room
Adolescent Medicine and General Pediatrics I ………………………………………..Studio 105
Cardiovascular III ………………………………………………………………………..Promenade Lobby
Endocrinology and Metabolism II ……………………………………………………..Bingham #3
Gastroenterology …………………………………………………………………………..Babcock #6
Genetics …………………………………………………………………………………….Rehearsal Room
Neonatology – General II ………………………………………………………………..All Saints Church, Seacombe Hall
Neonatology – Perinatal Biology I ……………………………………………………..Chapman #4
Surgery II …………………………………………………………………………………….Conductor’s Room

Adolescent Medicine and General Pediatrics I
Studio 105 (Sunset Center)
Samrat U. Das, Eche Ezeanolue, and Rita Shah, Presiding

12:30 MEDICAL SIMULATION AS A TOOL FOR PEDIATRIC ACTIVE SHOOTER EDUCATION.
AJ Czynski, V Layel and TK Denmark, Loma Linda, CA and Redlands, CA. Loma Linda Children's Hospital

Abstract 169

12:45 LINEZOLID FOR TREATMENT OF OSTEOARTICULAR INFECTIONS IN THE PEDIATRIC POPULATION: A REVIEW OF THE LITERATURE.
C Mercurio, M Nilkanth, K Walker, J Williams, S Thomas, J Minagar, M Paragas, M Mettler and B Afghani, Irvine, CA. University of California Irvine

Abstract 170

1:00 RENAL RECOVERY WITH ECULIZUMAB IN A CHILD WITH ATYPICAL HEMOLYTIC UREMIC SYNDROME AND HOMOZYGOUS DELETIONS OF COMPLEMENT FACTOR H RELATED PROTEINS 1 AND 3.
E Park, A Staples, JR Brandt, C Wong and C Joseph, Albuquerque, NM. University of New Mexico (WSPR Mead Johnson Travel Award Winner)

Abstract 171

1:15 SCREENING FOR MATERNAL POSTPARTUM DEPRESSION DURING INFANT HOSPITALIZATIONS.
C Man, E Casillas, K Molas-Torreblanca, H Sapir, S Schrager and M Trost, Los Angeles,
1:30  PEDIATRIC MELANOMA IN BRITISH COLUMBIA.
P Dean, C Strahlendorf, M Bucevska and C Verchere, Kingston, ON, Canada and
Vancouver, BC, Canada. Queen’s University (WSMRF)

1:45  COMMUNICATION EFFECTIVENESS BETWEEN FAMILIES OF
HOSPITALIZED CHILDREN AND HEALTH CARE PROVIDERS.
T Kavafyan, K Archer and K Ngo, Redlands, CA. Loma Linda University (WSMRF)

2:00  HETEROTOPIC OSSIFICATION AFTER NON-OPERATIVE MANAGEMENT
OF AN ACROMIOCLAVICULAR SEPARATION: A CASE REPORT.
SM Palathumpat and JH Nielson, Las Vegas, NV. University of Nevada School of
Medicine

2:15  RISK FACTORS AND OUTCOMES IN PEDIATRIC SUBPERIOSTEAL
ABSCESSES.
J Johnston, H Davis and W Dehority, Albuquerque, NM. University of New Mexico
School of Medicine

2:30 pm - 3:30 pm Break and Poster Session

Cardiovascular III
Promenade Lobby (Sunset Center)
Joshua I. Goldhaber, Presiding

12:30  SERUM RESPONSE FACTOR IN PEDIATRIC HEART FAILURE.
M Cecil, K Dockstader and CC Sucharov, Boulder, CO and Aurora, CO. University of
Colorado Boulder

12:45  DOES SWITCHING TO PROLIFERATION SIGNAL INHIBITORS DECREASE
THE RISK OF DEVELOPING SUBSEQUENT MALIGNANCIES IN HEART
TRANSPLANT PATIENTS?
M Merchant, F Liou, S Siddiqui, M Hamilton and J Kobashigawa, Los Angeles, CA.
Cedars-Sinai Medical Center

1:00  DO ABNORMAL REGADENOSON SCANS PREDICT SUBSEQUENT POOR
OUTCOME?
D Wong, F Liou, S Siddiqui, M Hamilton and J Kobashigawa, Los Angeles, CA. Cedars-
 Sinai Medical Center
1:15  PERIOPERATIVE PROGNOSTIC FACTORS FOR FONTAN PATIENTS UNDERGOING ORTHOTOPIC HEART TRANSPLANT.
CJ Berg, B Bauer, A Hageman and L Reardon, Los Angeles, CA. David Geffen School of Medicine at UCLA (WSMRF)

Abstract 180

1:30  HYPERTROPHY INDUCING FACTOR IN PEDIATRIC IDIOPATHIC DILATED CARDIOMYOPATHY SERUM.
J Sucharov-Costa, CC Sucharov, BL Stauffer, S Miyamoto and L Walker, Boulder, CO; Denver, CO and Aurora, CO. University of Colorado

Abstract 181

1:45  CHARACTERISTICS & PREVALENCE OF ATRIAL FIBRILLATION IN ADULTS WITH CONGENITAL HEART DISEASE.
E Malek, J Balakumar, D Do, J Aboulhosn and N Boyle, Los Angeles, CA. David Geffen School of Medicine at UCLA (WSMRF)

Abstract 182

2:00  PATIENTS WITH AUTOIMMUNE DISEASE: NOT A CONTRAINDICATION FOR HEART TRANSPLANTATION.
J Yabuno, M Luu, F Liou, M Hamilton and J Kobashigawa, Los Angeles, CA. Cedars-Sinai Medical Center

Abstract 183

2:30 pm - 3:30 pm Break and Poster Session

Endocrinology and Metabolism II
Bingham Room #3 (Sunset Center)
Kristina Utzschneider and Ellen Schur, Presiding

12:30 SERUM TSH MAY NOT BE A PREDICTOR OF AGGRESSIVE BREAST CANCER BIOLOGY.
NM Villa, N Li, MW Yeh, SA Hurvitz, NA Dawson and A Leung, Los Angeles, CA. David Geffen School of Medicine at UCLA

Abstract 184

12:45 THE EFFECT OF METFORMIN ON LEVOTHYROXINE ABSORPTION.
M Al-Alusi, N Li, MW Yeh and A Leung, Los Angeles, CA. David Geffen School of Medicine at UCLA (WSMRF)

Abstract 185

1:00 PULMONARY HEMORRHAGE AS A FATAL COMPLICATION OF RADIOACTIVE IODINE TREATMENT IN A PATIENT WITH METASTATIC DIFFERENTIATED THYROID CARCINOMA.
L Colip, J Fair, M Burge and P Kapsner, Albuquerque, NM. University of New Mexico Health Sciences Center

Abstract 186

1:15 VITAMIN D INDUCES MUSCLE DIFFERENTIATION AND PROMOTES AN
ANTIFIBROTIC PHENOTYPE IN PRIMARY CULTURES OF SKELETAL
MUSCLE SATELLITE CELLS AND FIBROBLASTS.
JN Artaza, JR Contreras, SM Hlaing, LA Garcia, S Pervin and MG Ferrini, Los Angeles,
CA. Charles Drew University (WAFMR)

Abstract 187

1:30 THE ANTIOXIDANT N-ACETYLCYSTEINE DOES NOT IMPROVE GLUCOSE
TOLERANCE OR β-CELL FUNCTION IN TYPE 2 DIABETES.
MA Szkudlinska, AD von Frankenberg and K Utzschneider, Seattle, WA. University of
Washington (WSCI Travel Award Winner) (WAFMR)

Abstract 188

1:45 DECREASED MITOCHONDRIAL FUNCTION RELATED TO INSULIN
RESISTANCE IN ADOLESCENT GIRLS WITH TYPE 2 DIABETES.
AG Gupta, M Cree-Green, G Coe, A West, M Brown, B Newcomer and K Nadeau, Aurora,
CO and Birmingham, AL. The University of Colorado, Anschutz (WAFMR/WAP Student
Subspecialty Award Winner) (WSMRF)

Abstract 189

2:00 EFFECTS OF HIP2B ON PDX1 AND GRB2 EXPRESSION IN FETAL
PANCREATIC PROGENITOR CELLS.
MV Yao, S McConaghy and RK Ohls, Albuquerque, NM. University of New Mexico

Abstract 190

2:15 ENERGY SUPPLY FROM CONTINUOUS VENOVENOUS HEMOFILTRATION
IN CRITICALLY ILL PATIENTS.
AM New, EM Nystrom, EN Frazee, KB Kashani, JJ Dillon and JM Miles, Rochester, MN.
Mayo Clinic (WAFMR/WAP Outstanding Resident Award Winner)

Abstract 191

2:30 pm - 3:30 pm Break and Poster Session

Gastroenterology
Babcock #6 (Sunset Center)
Jay Erickson and Timothy Robinson, Presiding

12:30 THE EFFECT OF FEEDING TIME ON RECURRENCE OF INTUSSUSCESSION
AFTER REDUCTION.
Y Arroyo Chora, J Chow, F Farsio, P French, J Lee, L Otarola, P Prasad and B Afghani,
Irvine, CA; Orange, CA and LA, CA. UC Irvine School of Medicine

Abstract 192

12:45 DERIVATIVES OF NEOAMPHIMEDINE AS TOPOISOMERASE II ALPHA
INHIBITORS.
DRooke, DLaBarbera and W Messersmith, Aurora, CO. University of Colorado School
of Medicine (WAFMR/WAP Student Subspecialty Award Winner) (WSMRF)

Abstract 193

1:00 ULTRASOUND: A POTENTIAL TOOL FOR THE DIAGNOSIS OF GASTRIC
MOTILITY DISORDERS.
JR Albanese, G Hennig and S Tsuda, Reno, NV and Las Vegas, NV. University of Nevada School of Medicine (WSMRF)

Abstract 194

1:15 LONG-TERM TRANSPLANT-FREE SURVIVAL AND LIVER FUNCTION IN CHILDREN WITH INTESTINAL FAILURE ASSOCIATED LIVER DISEASE WHO RECEIVED SIX MONTHS OF INTRAVENOUS FISH OIL AND RESUMED INTRAVENOUS SOYBEAN OIL.
KL Calkins, J Dunn, S Shew and R Venick, Los Angeles, CA. David Geffen School of Medicine at UCLA

Abstract 195

1:30 A RARE CASE OF ATTENUATED FAMILIAL ADENOMATOUS POLYPOSIS.
C Rives, A Rahman and S Mittal, Johnson City, TN and Houston, TX. East Tennessee State University

Abstract 196

1:45 A DISTAL ILEAL STRICTURE DUE TO A TUBULO-VILLOUS ADENOMA MIMICKING A SMALL BOWEL TUMOR.
C Rives, P Patel and M Young, Johnson City, TN. East Tennessee State University

Abstract 197

2:30 pm - 3:30 pm Break and Poster Session

Genetics
Rehearsal Room (Sunset Center)
Margaret Adam and Fabiola Quintero-Rivera, Presiding

12:30 DIFFERENTIAL GENE EXPRESSION PROFILING BETWEEN PRIMARY AND METASTATIC CUTANEOUS SQUAMOUS CELL CARCINOMA.
S Rabi, A Su, S Ra, X Li and S Binder, Los Angeles, CA and San Diego, CA. David Geffen School of Medicine at UCLA (WSPR Abbott Nutrition Lowell Glasgow Student Research Award Winner) (WSMRF)

Abstract 198

12:45 ASSESSING PENETRANCE OF HEMOCHROMATOSIS IN AN UNSELECTED POPULATION OF C282Y HOMOZYGOTES USING ELECTRONIC MEDICAL RECORDS.
C Shaw, C Gallego, A Burt and GP Jarvik, Seattle, WA. University of Washington School of Medicine (Abbott Subspecialty Award)

Abstract 199

1:00 EFFECTS OF GROWTH HORMONE TREATMENT ON INTELLIGENCE TEST RESULTS AND A CONSIDERATION OF MOLECULAR SUBTYPES IN PRADER WILLI SYNDROME.
J Gold, N Matthews, A Surampalli, M Wencel, S Cassidy and V Kimonis, Loma Linda, CA; Orange, CA and San Francisco, CA. Loma Linda University

Abstract 200
J Krate, KM Ramsey, S Rangasamy and V Narayanan, Tucson, AZ and Phoenix, AZ. University of Arizona
Abstract 201

1:30 NOVEL FORM OF NEONATAL CHOLESTASIS DUE TO MUTATIONS IN THE FARNESOID X RECEPTOR GENE NR1H4.
N Gomez-Ospina, GC Washignton and GM Enns, Stanford, CA. Stanford Hospital (WSPR Mead Johnson Travel Award Winner)
Abstract 202

1:45 BLURRING THE LINE BETWEEN DIAGNOSTIC AND PREDICTIVE TESTING - WDR45 RELATED DISEASE MAY PRESENT AS STATIC DEVELOPMENTAL DELAY WITH LATE PROGRESSION TO NEURODEGENERATION.
A Ananth and J Bernstein, Palo Alto, CA. Stanford University School of Medicine
Abstract 203

2:00 SCN11A GENE MUTATION AS THE CAUSE OF AUTOSOMAL-DOMINANT EPISODIC PAIN IN A 3-GENERATION FAMILY.
CF Macmurdo, P Gong, A Hanson-Kahn and J Bernstein, Stanford, CA. Stanford University School of Medicine
Abstract 204

2:15 FEMALE CHILD WITH CANTÚ SYNDROME AND AORTECTASIA CAUSED BY A MUTATION IN ABCC9, EXPANDING THE PHENOTYPE.
JJ Barea and L Bird, San Diego, CA. Rady Children's Specialists of San Diego (WSPR)
Abstract 205

2:30 pm - 3:30 pm Break and Poster Session

Neonatology - General II
All Saints Church, Seacombe Hall
Christian Yost and Amy Kimball, Presiding

12:30 THE EFFECT OF HEMATOCRIT ON IN VITRO BILIRUBIN PHOTOALTERATION UNDER BLUE AND BLUE-GREEN LIGHT.
DT Linfield, E Mei, AY Hwang, HJ Vreman, AA Lamola, RJ Wong and DK Stevenson, Stanford, CA. Stanford University School of Medicine (Abbott Subspecialty Award)
Abstract 206

12:45 EFFECTS OF ERYTHROPOIESIS STIMULATING AGENTS ON CEREBRAL BLOOD FLOW IN PRETERM, VERY LOW BIRTH WEIGHT INFANTS.
CA Davidson, A Caprihan, J Phillips, DC Cannon and RK Ohls, Albuquerque, NM. University of New Mexico
Abstract 207

1:00 NEONATAL EXTRACORPOREAL MEMBRANE OXYGENATION IS...
ASSOCIATED WITH VISCERAL IRON OVERLOAD.
AJ Reitman, P Friedlich, R Chapman, J Wisnowski, R Ramanathan, TD Coates, M Nelson and JC Wood, Los Angeles, CA. *Children's Hospital Los Angeles and LAC+USC Medical Center, Keck School of Medicine, USC*

Abstract 208

1:15 TRANSFUSION OF WASHED PACKED RED BLOOD CELLS AND NECROTIZING ENTEROCOLITIS IN EXTREMELY PRETERM INFANTS.
A Joshi, R Ramanathan and R Cayabyab, Los Angeles, CA. *LAC-USC Medical Center*

Abstract 209

1:30 SYSTEMIC TO PULMONARY COLLATERALS DETECTED BEYOND TWO MONTHS OF LIFE IN EXTREMELY LOW BIRTH WEIGHT INFANTS: INCIDENCE, CLINICAL SIGNIFICANCE AND HEMODYNAMIC FEATURES.
I Thompson, R Cayabyab, M Ebrahimi, R Ramanathan and B Siassi, Los Angeles, CA. *University of Southern California*

Abstract 210

1:45 PERFUSION INDEX IN VERY PRETERM INFANTS ADMITTED TO THE NEONATAL INTENSIVE CARE UNIT.
C Nicholas, R George, R Cayabyab, S Sardesai, M Durand and R Ramanathan, Los Angeles, CA. *LAC+USC Medical Center*

Abstract 211

2:00 EFFICACY AND SAFETY OF A NEW HEME FORMULATION FOR USE IN THE STUDY OF SEVERE NEONATAL HYPERBILIRUBINEMIA.
DN Lin, M Wagner, RJ Wong and DK Stevenson, Stanford, CA. *Stanford University School of Medicine*

Abstract 212

2:15 CEREBRAL LACTATE CONCENTRATION DURING AND AFTER THERAPEUTIC HYPOTHERMIA IN NEONATES WITH HYPOXIC ISCHEMIC ENCEPHALOPATHY.
AJ Reitman, S Bluml, P Friedlich, T Wu, C McLean, E Ho and J Wisnowski, Los Angeles, CA; Linkou, Taiwan (Province of China) and Pittsburg, PA. *Center for Fetal and Neonatal Medicine, USC Division of Neonatal Medicine, Children's Hospital Los Angeles and LAC+USC Medical Center, Keck School of Medicine of USC (WSPR)*

Abstract 213

2:30 pm - 3:30 pm Break and Poster Session

Neonatology - Perinatal Biology I
Chapman #4 (Sunset Center)
Cassidy A. Delaney and Lauren Jantzie, Presiding

12:30 HISTOPATHOLOGIC CHARACTERIZATION OF PLACENTAL CHANGES IN A MURINE MODEL OF INTRAUTERINE GROWTH RESTRICTION.
A Chu, A Ganguly, M Wadehra and S Devaskar, Los Angeles, CA. *David Geffen School of Medicine at UCLA*
12:45 **MOLECULAR & CELLULAR ANALYSIS OF TRACHEO-ESOPHAGEAL FISTULA RESULTING FROM GENETIC MESODERMAL INTERRUPTION OF HEDGEHOG SIGNALING IN MICE.**

* A Fischer; S Li, C Li and P Minoo, Los Angeles, CA. LAC+USC Medical Center and Keck School of Medicine, University of Southern California (WSPR Mead Johnson Travel Award Winner)

Abstract 214

1:00 **ANTENATAL FACTORS ASSOCIATED WITH CLOSURE OF PATENT DUCTUS ARTERIOSUS IN EXTREMELY LOW BIRTH WEIGHT (ELBW) INFANTS.**

* P Shastry, S Vaikunth, R Cayabyab and S Bhombal, Los Angeles, CA. USC Division of Neonatal Medicine, LAC+USC Medical Center, Keck School of Medicine, University of Southern California, Los Angeles, CA, USA (Abbott Subspecialty Award)

Abstract 215

1:15 **A PROSPECTIVE RANDOMIZED CONTROLLED TRIAL COMPARING SPRINTING VERSUS NON-SPRINTING APPROACH TO WEAN NASAL CONTINUOUS POSITIVE AIRWAY PRESSURE SUPPORT IN PREMATURE INFANTS BORN AT < 30 WEEKS GESTATIONAL AGE.**

* N Eze, D Murphy, A Jacinto, Y Pak, M Morris, V Dhar and VK Rehan, Torrance, CA and Orange, CA. Harbor UCLA Medical Center (WSPR Abbott Nutrition David W. Smith Pediatric Trainee Research Award Winner)

Abstract 216

1:30 **DECREASE IN DELIVERY ROOM INTUBATION RATES AFTER RESUSCITATION USING MODIFIED NASAL CANNULA IN VERY LOW BIRTH WEIGHT INFANTS.**

* M Biniwale, F Wertheimer, R Hernandez and R Ramanathan, Los Angeles, CA. University of Southern California Keck School of Medicine

Abstract 217

1:45 **FACTORS ASSOCIATED WITH LIMITED PARENTAL HEALTH LITERACY IN A LEVEL III NICU IN CALIFORNIA'S CENTRAL VALLEY.**

* A Liang, E Chu and S Elliott, Fresno, CA. UCSF Fresno

Abstract 218

2:30 pm - 3:30 pm Break and Poster Session

Surgery II
Conductor's Room
Subhas Gupta, Presiding

12:30 **ACUTE KIDNEY INJURY FOLLOWING SPINAL INSTRUMENTATION SURGERY IN CHILDREN.**

* JJ Jöbsis, A Alabbas, R Milner, K Mulpuri, C Reilly and C Mammen, Blaricum, Netherlands; Edmonton, AB, Canada and Vancouver, BC, Canada. Tergooi University

Abstract 220
12:45 MORTALITY FOLLOWING ELECTIVE SURGERY: A RETROSPECTIVE AUTOPSY SERIES.
B Coffman, R Clark, S Lathrop, C Krinsky and I Paul, Albuquerque, NM. University of New Mexico

Abstract 221

1:00 OUTCOMES OF CRANIOFACIAL MICROsomia TREATMENT: MICROtIA RECONSTRUCTION.
RS Mandelbaum, D Martins, E Dubina, S Park, A Ishiyama, JP Bradley and JC Lee, Los Angeles, CA. David Geffen School of Medicine at UCLA (WSMRF)

Abstract 222

1:15 UTILITY OF INTRAOPERATIVE NEUROLOGIC MONITORING DURING VEPTR EXPANSION SURGERY.
J LaGreca, T Flynn and S Garg, Denver, CO; Aurora, CO and Valley Forge, PA. University of Colorado School of Medicine

Abstract 223

1:30 FACTORS INFLUENCING OPERATING ROOM TURNOVER TIME.
C Conceicao, A Lee, K Myklak, M Alsyouf and D Baldwin, Loma Linda, CA. Loma Linda University Medical Center

Abstract 224

1:45 SUPERFICIAL CERVICAL PLEXUS BLOCK FOR IPSILATERAL SHOULDER PAIN AFTER THORACOTOMY.
JD Hassebrock and S Jelacic, Lynnwood, WA. University of Washington (WSMRF)

Abstract 225

2:00 BEYOND COMPUTER SIMULATION: A NOVEL ELECTROMECHANICAL PLATFORM FOR TRAINING SURGEONS.
J Fernandez, P Benharash, P Frank and J Resnik, Los Angeles, CA. David Geffen School of Medicine at UCLA

Abstract 226

2:15 THE EFFECT OF CLEAVE TECHNIQUE AND TIME ON LASER FIBER POWER OUTPUT.
B Peplinski, D Faaborg, M Alsyouf, E Miao, K Myklak and D Baldwin, Loma Linda, CA. Loma Linda University

Abstract 227

2:30 pm - 3:30 pm Break and Poster Session
# POSTER SESSION II

*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

*Carpenter Hall*

Friday, January 30, 2015  
12:30 PM – 5:30 PM

*(Presenters in attendance from 2:30 pm to 3:30 pm)*

## Pediatrics

### Poster Number

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<tr>
<th>Number</th>
<th>Title</th>
<th>Authors and Affiliations</th>
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<tr>
<td>45</td>
<td>PEDIATRIC RESIDENT PERCEPTIONS OF SPANISH INTERPRETER USE AND NEED FOR SPANISH LANGUAGE TRAINING.</td>
<td><em>N Switchenko, V Wilkins and M Saidi, Salt Lake City, UT. University of Utah</em></td>
</tr>
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<td>46</td>
<td>IDENTIFICATION OF A NOVEL CHST6 MUTATION IN AN INDIVIDUAL WITH MACULAR CORNEAL DYSTROPHY.</td>
<td><em>S Chiu, J Gee, R Frausto, D Chung and A Aldave, Los Angeles, CA. David Geffen School of Medicine at UCLA (WSMRF)</em></td>
</tr>
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<td>47</td>
<td>MATERNAL-FETAL LEAD POISONING: 15 YEARS LATER.</td>
<td><em>LW Raymond and MD Ford, Charlotte, NC. Carolinas Poison Center (WAFMR)</em></td>
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<tr>
<td>48</td>
<td>PRE-OPERATIVE N-BUTYL-2-CYANOACRYLATE GLUE EMBOLIZATION PEDIATRIC HEAD AND NECK VENOUS MALFORMATIONS: TECHNIQUE AND CLINICAL OUTCOMES.</td>
<td><em>J Verraich, G Shivaram, B Ghodke, S Vaidya, D Zopf and J Perkins, Seattle, WA. University of Washington School of Medicine</em></td>
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Abstract 228

Abstract 229

Abstract 230

Abstract 231
49 MONITORED UTILIZATION OF PREVENTION BUNDLES TO DECREASE HOSPITAL-ACQUIRED INFECTIONS IN A TERTIARY INTENSIVE CARE NURSERY IN VIETNAM.
D Hoffman, T Nguyen, N Le and JC Partridge, San Francisco, CA and Ha Noi, Viet Nam. University of California, San Francisco

Abstract 232

50 A CLOSER LOOK AT THE EFFECTS OF A PARTIAL DOSE OF ANTENATAL STEROIDS (ANS) COMPARED TO NO DOSE ON PREMATURE INFANTS AT RISK FOR SEVERE IVH: A META-ANALYSIS.
AO Ruvalcaba, C Chang, J Hong, D Jooryabi, D Pao, A Patel, C Wong and B Afghani, Irvine, CA and Orange, CA. University of California, Irvine

Abstract 233

51 ROLE OF L-TYPE CA2+ CHANNELS IN S-NITROSOTHIOL-MEDIATED VASODILATION OF MESENTERIC AND FEMORAL ARTERIES OF ADULT SHEEP.
M Andaya, T Liu and A Blood, Loma Linda, CA. Loma Linda University (WSMRF)

Abstract 234

Surgery

52 IS IT SAFE TO RE-ACCESS SODIUM BICARBONATE VIALS FOR USE IN MINOR SURGERY?
L Bjornson, L Willis, M Margach, P Tilley, M Bucevska and C Verchere, Kingston, ON, Canada and Vancouver, BC, Canada. Queen's University (WSMRF)

Abstract 235

53 FACTORS AFFECTING SEXUAL FUNCTION AMONG AGING WOMEN WITH PELVIC FLOOR DISORDERS.
JF Borok, K Eilber, C Bressee, L Wood, R Luu, A Hannemann and J Anger, Los Angeles, CA. David Geffen School of Medicine at UCLA

Abstract 236

54 COMPLETE KELOID EXCISION AND DERMAL REGENERATION TEMPLATE APPLICATION IN RECALCUTANT FACIAL KELOIDS: A NOVEL APPROACH TO TREATING.
I Danci, N Biskup, J Dhillon, W Wong and S Gupta, Loma Linda, CA. Loma Linda University School of Medicine

Abstract 237

55 RETROSPECTIVE COMPARISON OF ARTERIAL VASCULAR CLOSURE DEVICES IN INTERVENTIONAL RADIOLOGY PROCEDURES.
M Elmasri and JP McWilliams, Los Angeles, CA. David Geffen School of Medicine at UCLA

Abstract 238

11.13.14 cancelled

56 TARGETED SWALLOW SCREENING FOR POST-CARDIAC SURGERY DYSPHAGIA.
57  ABDUCTOR FOOTPRINT LOSS WITH CEPHALOMEDULLARY NAIL REAMING.
ZR Hill, C Burke, S Inceoglu and G Botimer, Loma Linda, CA. Loma Linda University School of Medicine

58  DETERMINATION OF THE OPTIMAL GUIDEWIRE FOR SURGICAL URETERAL STENT INSERTION USING AN EX VIVO PORCINE MODEL.
H Hodgson, K Myklak, M Alsyouf, J Arenas and D Baldwin, Loma Linda, CA. Loma Linda University

59  CONTENT EVALUATION AND REVIEW OF ACCESSIBILITY FOR OPHTHALMOLOGY RESIDENCY PROGRAM WEBSITES.
RE Jones, JZ Kartchner, NA Jones and M Wang, Tucson, AZ and Phoenix, AZ. University of Arizona

60  A NOVEL CLEAR BALLISTICS GEL PHANTOM FOR ULTRASOUND TRAINING.
JZ Kartchner, R Amini, L Stolz and S Adhikari, Tucson, AZ. University of Arizona

61  DIFFICULT INTRAVENOUS ACCESS IN THE PEDIATRIC PERIOPERATIVE ENVIRONMENT: CREATION OF AN ALGORITHM FROM INTERVIEWS WITH ANESTHESIA PROVIDERS.
S Kelleher, N Sun, G Williams and D Char, Stanford, CA. Stanford University School of Medicine

62  APPLYING A STANDARDIZED, VALIDATED INSTRUMENT TO QUANTIFY PAIN BEFORE AND AFTER REDUCTION MAMMOPLASTY.
E Kutzner, P Lewis, J Dhillon, N Biskup and S Gupta, Loma Linda, CA. Loma Linda University School of Medicine

63  POSTERIOR CHAMBER PIOL IMPLANTATION AND THE INCIDENCE OF CATARACT EXTRACTION OVER 14 YEARS: COMPARING FDA APPROVED TO OFF LABEL USE.
BM LeClair and H Gimbel, Loma Linda, CA. Loma Linda University

64  SUBFASCIAL JACKSON-PRATT DRAIN PLACEMENT FOR POST-DUROTOMY MANAGEMENT.
C Lee, D Lu, D Lau, D McArthur, D Chou and D Lu, Los Angeles, CA and San Francisco, CA. David Geffen School of Medicine at UCLA

65 BIOMECHANICAL COMPARISON OF BICORTICAL SCREWS VERSUS LAG SCREWS IN METACARPAL FIXATION.
P Lewis, S Inceoglu, J Dhillon and M Martin, Loma Linda, CA. Loma Linda University

66 THE RELATIONSHIP BETWEEN NATIONAL INSTITUTE OF HEALTH FUNDING AND RESEARCH IMPACT IN ORTHOPAEDIC SURGERY.
AH Loftin, AI Stavrakis, A Patel, Z Burke, EM Dworsky, M Silva and NM Bernthal, Los Angeles, CA. David Geffen School of Medicine at UCLA

67 CLINICAL ASSESSMENT OF PES PLANUS IN CHILDREN WITH CEREBRAL PALSY.
NE Look and F Chang, Aurora, CO. University of Colorado (WSMRF)

68 THE EFFECT OF SURGEON EXPERIENCE AND PATIENT AGE ON FLOW DISRUPTIONS IN ROBOTIC-ASSISTED UROGYNECOLOGY SURGERY.
R Luu, JF Borok, A Hannemann, R Avenido, K Catchpole and J Anger, Los Angeles, CA. David Geffen School of Medicine at UCLA

69 SPONTANEOUSLY RESOLVED MACROCYSTIC LYMPHATIC MALFORMATIONS.
M Phang, M Bucevska, C Malic, D Courtemanche and J Arneja, Vancouver, BC, Canada and Ottawa, ON, Canada. University of British Columbia

70 TWO-PHOTON FLUORESCENCE IMAGING AND RETINAL TOXICITY IN BROWN NORWAY RATS.
MD Phelps, L Sung, Y Wu and JT Fan, Loma Linda, CA and Heidelberg, Germany. Loma Linda University School of Medicine

71 RISK FACTORS CONTRIBUTING TO REVISION RATE IN BREAST RECONSTRUCTION PATIENTS.
W Pinette, J Dhillon, P Lewis, ME Hill and S Gupta, Loma Linda, CA. Loma Linda University School of Medicine

72 BLOOD LOSS AND PERIOPERATIVE FLUID MANAGEMENT DURING CRANIOSYNOSTOSIS SURGERY.
R Skocylas, M Bucevska, M Cassidy and D Courtemanche, Vancouver, BC, Canada. BC Children's Hospital (WSMRF)
73 TWO-PHOTON IMAGING OF ALBINO RABBIT RETINA.
*L Sung*, MD Phelps, Y Wu and JT Fan, Loma Linda, CA and Heidelberg, Germany. *Loma Linda University School of Medicine*

74 ASSESSMENT OF FACTORS AFFECTING CLAMPING OF THE RENAL ARTERY DURING NEPHRECTOMY: A BENCH TOP STUDY.
*D Tryon*, K Myklak, M Alsyouf, C Conceicao, B Peplinski, J Arenas, D Faaborg and D Baldwin, Loma Linda, CA. *Loma Linda University*

75 EXPLANT ANALYSIS FROM A PATIENT WITH HYPERCOBALTEMIA AND ACCELERATION OF PARKINSONISM FOLLOWING METAL-ON-METAL HIP ARTHROPLASTY.
*E Woelber*, D Van Citters, T Steck and S Tower, Seattle, WA and Hanover, NH. *Univ. of Washington*

76 USE OF RESORBABLE PLATES AND SCREWS IN PEDIATRIC FACIAL FRACTURES.
*FK Wong*, S Adams, T Coates and D Hudson, Los Angeles, CA and Cape Town, South Africa. *David Geffen School of Medicine, UCLA*

CONCURRENT SESSIONS
Friday, January 30, 2015
3:30 PM – 6:00 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

Behavior and Development II................................................................. ..........Chapman #4
Community Health................................................................................. ....Promenade Lobby
Health Care Research II................................................................. Babcock #6
Infectious Diseases II................................................................. Bingham Room #3
Morphogenesis and Malformations.................................Rehearsal Room
Neonatology – General III .......................................................All Saints Church, Seacombe Hall
Behavior and Development II
Chapman #4 (Sunset Center)
Kathy Angkustsiri and Brian Tang, Presiding

3:30 PRIMARY CARE SCREENING FOR EMERGENT LITERACY DELAYS IN PRESCHOOL CHILDREN.
SN Iyer, M Dawson, M Sawyer and R Needlman, San Diego, CA and Cleveland, OH.
University of California, San Diego (WSPR Mead Johnson Travel Award Winner)

3:45 EXCESSIVE DAYTIME SLEEPINESS AS AN INDICATOR OF DEPRESSION AMONG HISPANIC AMERICANS.
BA Nuyen, RS Fox, VL Malcarne, SI Wachsman, K Banuelos and GR Sadler, La Jolla, CA and San Diego, CA. University of California, San Diego School of Medicine (Abbott Subspecialty Award)

4:00 WHOLE BODY HYPERTHERMIA FOR MAJOR DEPRESSION.
LM Weinand, CL Raison and CH Janssen, Tucson, AZ. The University of Arizona

4:15 EQUINE ASSISTED THERAPY REDUCES SYMPTOMS IN VETERANS WITH POST-TRAUMATIC STRESS DISORDER.
LE Burton and MR Burge, Albuquerque, NM. University of New Mexico Health Science Center

4:30 POWER OVER PILLS: A STRENGTHS-BASED APPROACH FOR EDUCATING ALTERNATIVE HIGH SCHOOL STUDENTS ABOUT THE RISKS OF MISUSING PRESCRIPTION PAIN MEDICATION.
C Haselman, Seattle, WA. University of Washington (WSMRF)

4:45 ASSESSMENT OF DIARRHEAL RATES IN RELATION TO HAND WASHING AND DRINKING SAFE WATER IN A POPULATION OF CHILDREN IN THE INDIAN HIMALAYAS: A STUDENT LEAD INITIATIVE.

5:00 EVALUATING COMMUNITY HEALTH WORKERS' NUTRITIONAL KNOWLEDGE AND EDUCATION PRACTICES IN RURAL UGANDA.
S Ruscheinsky, B Schwartzentruber, R Jain, K Dewar, J Sewanyana, R Kalyesubula and V Kapoor, Vancouver, BC, Canada and Nakaseke, Uganda. University of British Columbia
Community Health
Promenade Lobby (Sunset Center)
Martin Teintze and Larry Kirven, Presiding

3:30 EMERGENCY SERVICES UTILIZATION OF ADULT HOMELESS PATIENTS IN A LARGE PUBLIC HOSPITAL IN SAN BERNARDINO COUNTY, CALIFORNIA.
D Hoover, P Glazer, D Betat, P Wu, R Holloway, B Howe, M Debay and M Neeki, Loma Linda, CA and Colton, CA. Loma Linda University (WSMRF)

3:45 NOT ANOTHER FREAK ACCIDENT: PREVENTING AGRICULTURAL INJURIES IN SOUTHEASTERN MONTANA.
KD Lackman, Seattle, WA. University of Washington School of Medicine

4:00 EDUCATIONAL IMPACT OF A PIPELINE PROGRAM ON UNDERREPRESENTED IN MEDICINE (URM) STUDENTS: A FOLLOW-UP STUDY.
N Rezakahn Khajeh, M Vennat and B Afghani, Irvine, CA and Orange, CA. University of California, Irvine

4:15 LIBBY COMMUNITY GARDEN HORTICULTURE THERAPY: BUILDING COMMUNITY BELONGING AND SELF-WORTH FOR INDIVIDUALS WITH DISABILITIES IN LIBBY, MONTANA.
CL Pihl, Seattle, WA. University of Washington (WSMRF)

4:30 EVALUATING THE ENGAGEMENT OF MALE SEX WORKERS IN THE HIV-STI CONTINUUM OF CARE IN HANOI, VIETNAM.
D Dinh, R Rawson and GL Minh, Los Angeles, CA and Hanoi, Viet Nam. David Geffen School of Medicine at UCLA

4:45 A CONVERSATION WORTH HAVING: PROMOTING ADVANCE DIRECTIVES IN PINEDALE, WYOMING.
E Kim, Seattle, WA. University of Washington (WSMRF)

5:00 FIGHT THE FLU: INCREASING STAFF COMPLIANCE WITH INFLUENZA VACCINATION.
S Haney, Seattle, WA. University of Washington School of Medicine (WSMRF)

5:15 DECREASING THE RATE OF SEXUALLY TRANSMITTED INFECTIONS THROUGH OUTREACH AND EDUCATION IN THE YAKIMA VALLEY
MIGRANT FARMWORKER CAMPS.
E Shamp, Seattle, WA. University of Washington School of Medicine (WSMRF)

Health Care Research II
Babcock #6 (Sunset Center)
Edward S. Lee, Presiding

3:30 State-of-the-Art Speaker
ADDRESSING THE QUALITY GAP IN CARDIOVASCULAR CARE IN THE DEVELOPING WORLD.
Edward S. Lee, Keck School of Medicine of University of Southern California

4:00 SUCCESSES AND CHALLENGES OF CLINICAL AND SYSTEMS-BASED HIV/AIDS MENTORSHIP IN NORTHERN AND CENTRAL MALAWI HEALTH FACILITIES.
E Chien, K Phiri, C Pfaff, A Schooley, P Jansen, J Hamilton, M Chivwala and R Hoffman, Los Angeles, CA and Lilongwe, Malawi. David Geffen School of Medicine at UCLA

4:15 THE DIAGNOSIS AND REFERRAL PROCESS FOR CHILDREN BORN WITH NEURAL TUBE DEFECTS IN EASTERN CHINA.
A Campion, C Lee, N Bao and J Lazareff, Los Angeles, CA and Shanghai, China. David Geffen School of Medicine at UCLA (WSMRF)

4:30 HEALTH OUTCOMES OF LOW BIRTH WEIGHT CHILDREN IN GUJARAT, INDIA.
TA Erickson, J Koncinsky, SM Folsom, S Schoenhals, J Leavy, M Patel, D Jha and B Fassl, Salt Lake City, UT and Mota Fofalia, India. University of Utah School of Medicine

4:45 CHARACTERIZING EMERGENCY DEPARTMENT PRESENTATIONS FOLLOWING NEUROSURGICAL DISCHARGE.
P Gupta, E Hernandez and E Parker, Los Angeles, CA. David Geffen School of Medicine at UCLA

5:00 PEDIATRIC VISITS TO COMMUNITY EMERGENCY DEPARTMENTS: OUTCOMES FROM REFERRALS AND UNSCHEDULED RETURN VISITS TO A PEDIATRIC CENTER.
E Reiner, E Grafstein and Q Doan, Vancouver, BC, Canada. University of British Columbia

5:15 GEOGRAPHIC VARIATION IN TREATMENT AND OUTCOMES AMONG PATIENTS HOSPITALIZED WITH ACUTE MYOCARDIAL INFARCTION.
DA Bechtold, A Cypro, E Bulley, G Salvatierra and K Daratha, Seattle, WA and Spokane, WA. University of Washington School of Medicine (WSMRF)

5:30 QUALITY OF NEWBORN CARE IN RURAL INDIAN HOSPITAL.
S Schoenhals, J Koncinsky, SM Folsom, TA Erickson, J Leavy, M Patel, D Jha and B Fassl, Salt Lake City, UT and Motafofalia, India. University of Utah School of Medicine

Abstract 280

5:45 ASSESSMENT OF HAND HYGIENE RESOURCES AND KNOWLEDGE, ATTITUDES AND PRACTICES OF HEALTHCARE PROFESSIONALS AT A REGIONAL HOSPITAL IN UGANDA USING WHO TOOLKIT.
T Jasinovic, N O'Hara, D Duffy, GK Blair, S Tino and S Ajiko, Vancouver, BC, Canada and Soroti, Uganda. British Columbia Children's Hospital

Abstract 281

Infectious Diseases II
Bingham Room #3 (Sunset Center)
Ravi Durvasula, Fred Buckner and David Gilbert, Presiding

3:30 ANTIBIOTICOGRAM FOR PERI-PROSTHETIC INFECTIONS: A TOOL FOR BETTER INFORMED SELECTION OF EMPIRIC ANTIBIOTICS.
I Danci, J Dhillon, P Lewis, N Biskup, H Kim and S Gupta, Loma Linda, CA. Loma Linda University School of Medicine

Abstract 283

3:45 OVEREXPRESSION OF RV3488 IN MYCOBACTERIUM SMEGMATIS TO ASSESS GROWTH INHIBITION.
N Pham and B Saviola, Pomona, CA. Western University of Health Sciences

Abstract 284

4:00 MYCOPLASMA HOMINIS INFECTION STATUS OF TRICHOMONAS VAGINALIS AFFECTS CYTOKINE SECRETION FROM PRIMARY HUMAN MONOCYTES.
F I Diala, F Mercer and PJ Johnson, Los Angeles, CA. David Geffen School of Medicine at UCLA

Abstract 285

4:15 LIPOSOMAL GLUTATHIONE SUPPLEMENTATION RESTORES APPROPRIATE CYTOKINE RESPONSE TO INTRACELLULAR INFECTION IN HIV INFECTED INDIVIDUALS.
MK Singh, E Vera Tudela and V Venketaraman, Pomona, CA. Western University of Health Sciences (WSMRF)

Abstract 286

4:30 TORQUE TENO VIRUS REVEALED BY DEEP DNA SEQUENCING OF OCULAR SURFACE DNA.
DJ Andersen, N Ko, R Van Gelder, A Lee, V Shestopalov and E Linardopoulou, Seattle, WA; London, United Kingdom and Miami, FL. University of Washington (WSMRF)
4:45 CLINICAL AND MOLECULAR EPIDEMIOLOGY OF RESPIRATORY VIRAL INFECTIONS AMONG CHILDREN IN RURAL NEPAL.
DS Huang, J Tielsch, J Katz, E Martin, J Kuypers, I Palileo, JE Englund and HY Chu, Seattle, WA and Baltimore, MD. University of Washington (WSMRF)

5:00 CYTOMEGALOVIRUS EFFECTS ON INDUCED PLURIPOTENT STEM CELL-DERIVED NEURAL PROGENITOR CELLS AND NEURONS.
L Jacobson and EA Fortunato, Seattle, WA and Moscow, ID. University of Washington (WSMRF)

5:15 HUMAN METAPNEUMOVIRUS IN HOSPITALIZED, HIGH-RISK PEDIATRIC POPULATION.
V Whelan, R Titapiwatanakun and M Tablizo, Fresno, CA and Madera, CA. UCSF Fresno (WSCI Travel Award Winner)

5:30 RV3488 PROMOTER EXPRESSION IN PRESENCE OF SALICYLIC ACID IN MYCOBACTERIUM SMEGMATIS.
W Yu and B Saviola, Pomona, CA. Western University of Health Sciences (WSMRF)

Morphogenesis and Malformations
Rehearsal Room (Sunset Center)
Sarah Dugan and David Viskochil, Presiding

3:30 State-of-the-Art Speaker
THE GENETIC ENIGMA OF OCULO-AURICULAR-VERTEBRAL SPECTRUM (OAVS): NEW CLUES FROM MOUSE MODELS.
Timothy Cox, University of Washington

4:00 IDENTIFICATION OF A CANDIDATE LOCUS AT 8Q21 AMONG INFANTS WITH CONOTRUNCAL HEART DEFECTS.
L Parkman, K Schultz, N Mohammed, C Parodi, K Osoegawa, GM Shaw and E Lammer, Oakland, CA and Stanford, CA. UCSF Benioff Children's Hospital (Abbott Subspecialty Award)

4:15 EVALUATING A CANDIDATE LOCUS AT 12Q24 FOR CONOTRUNCAL HEART DEFECTS.
C Parodi, K Schultz, N Mohammed, K Osoegawa, GM Shaw and E Lammer, Oakland, CA and Stanford, CA. UCSF Benioff Children's Hospital Oakland

4:30 LIPID SYNTHESIS IN MATURING MOUSE SPERMATOZOA.
4:45  HEuhe Oxygenease-1 Promoter Polymorphisms and Risk of Spina Bifida.
K Fujioka, W Yang, MB Wallenstein, H Zhao, RJ Wong, DK Stevenson and GM Shaw,
Stanford, CA. Stanford University School of Medicine (WSPR Mead Johnson Travel
Award Winner)

5:00  Phenotype Characterization of Epibulbar Dermoids.
Ba Walker, BS Saltzman, EP Herlihy and DV Luquetti, Seattle, WA. University Of
Washington (WSMRF)

5:15  Rational Approaches to the Assessment of Clinical Evidence
In the Determination of Teratogenicity: Methimazole.
Jc Carey, L Martinez, M Leen-Mitchell, An Romeo and J Robertson, Salt Lake City, Ut.
University of Utah (WSPR)

5:30  A Severe Phenotype of B3GAT3-Related Linkeropathy.
K Jones, U Schwarze, M Adam, P Byers and H Mefford, Seattle, WA. University of
Washington

Neonatology - General III
All Saints Church, Seacombe Hall
Paul Rozance and Kara L. Calkins, Presiding

3:30  Joan Hodgeman Lecture:
Donor Milk: Recent Research, What Do We Really Know
Tarah T. Colaizy, University of Iowa

4:00  Gastroschisis and Maternal Intake of Phytoestrogens.
El Wadhwa, C Ma, GM Shaw and S Carmichael, Stanford, CA. Stanford Univ. (WSPR
Outstanding Resident Award Winner)

4:15  Donor Human Milk Availability Promotes Breast Milk
Feeding and Lowers Necrotizing Enterocolitis in Very Low
Birth Weight Infants.
J Wei, A Kantorowska, R Cohen, JB Gould, R Lawrence and H Lee, Berkeley, Ca;
Rochester, Ca; Stanford, Ca and San Jose, Ca. University of California, Berkeley

4:30  Ph and Potential Renal Solute Load Vary Among Infant
Enteral Feeds.
4:45 IMPROVING EFFICIENCY THROUGH NEONATAL TOTAL PARENTERAL NUTRITION MOBILE APPLICATION.
*T Jean, S Yu and L Smith, Torrance, CA. Harbor UCLA Medical Center (WSMRF)*

5:00 BODY MASS INDEX CHANGE BETWEEN PREGNANCIES AND RISK OF SPONTANEOUS PRETERM BIRTH.
*K Riley, S Carmichael, J Mayo, BZ Shachar, A Girsén, M Wallenstein, JB Gould, DK Stevenson and GM Shaw, Stanford, CA. Stanford University*

*H Shanmugam, L Brunelli, S Krikov, L Botto and M Feldkamp, Saltlake city, UT. University of Utah*

5:30 PREDICTING THE NEED FOR HOME OXYGEN THERAPY IN PRETERM INFANTS BORN BEFORE 28 WEEKS GESTATION.
*M Catenacci and RI Clyman, San Francisco, CA. University of California San Francisco*

5:45 INTESTINAL ATRESIAS: FETAL ULTRASOUND FINDINGS AND DURATION OF PARENTERAL NUTRITION.
*N Weiss, R Keller, V Feldstein, KL Calkins and T MacKenzie, San Francisco, CA and Los Angeles, CA. University of California San Francisco*

Nephrology and Hypertension
Green Room (Sunset Center)
*Charles Edelstein and Stanley Jordan, Presiding*

3:30 THE EFFECT OF CXCR2 KNOCKOUT ON CISPLATIN-INDUCED ACUTE KIDNEY INJURY (AKI) USING A THERAPEUTICALLY RELEVANT DOSE OF CISPLATIN IN MICE WITH CANCER.
*Q Wang, K Ravichandran, R Nemenoff, A Jani and C Edelstein, Aurora, CO. University of Colorado (WAP)*

3:45 DIAGNOSTIC RELIABILITY OF ACUTE KIDNEY INJURY IN ADMINISTRATIVE RECORDS OF HOSPITALIZED PATIENTS.
*A Cypro, E Bulley, D Bechtold, G Salvatierra and K Daratha, Seattle, WA and Spokane, WA. University of Washington School of Medicine (WSMRF)*
4:00 THE ROLE OF PURENIGERIC RECEPTORS IN LITHIUM-INDUCED RENAL MICROCYST FORMATION.
S Reeder, M Romero-Aleshire, A Thompson, Y Gao and H Brooks, Tucson, AZ.
University of Arizona

Abstract 309

4:15 EPIDEMIOLOGY OF CARDIAC SURGERY ASSOCIATED ACUTE KIDNEY INJURY IN NEONATES: A PROSPECTIVE COHORT STUDY.
A De Mello, A Campbell, K Lee -Son, M Zappitelli, P Skippen, S Gandhi and C Mammen, Vancouver, BC, Canada and Montreal, QC, Canada. BC Children's Hospital (WAFMR/WAP Student Subspecialty Award Winner)

Abstract 310

4:30 A CASE OF BK NEPHROPATHY IN NATIVE KIDNEYS POST LUNG TRANSPLANTATION.
P Arora, D Vigil, M Barry, A Tzamaloukas and K Servilla, Albuquerque, NM. University of New Mexico

Abstract 311

4:45 State-of-the-Art Speaker
CASPASES AND APOPTOSIS IN KIDNEY DISEASE.
Charles Edelstein, University of Colorado Denver

Neuroscience II
Conductor's Room
Marie-Francois Chesselet, Presiding

3:30 PREVALENCE OF TRAUMATIC BRAIN INJURY IN EARLY VERSUS LATE-ONSET ALZHEIMER'S DISEASE.
J Zhang, A Lin, E Jimenez, P Paholpak, E Teng and M Mendez, Los Angeles, CA. David Geffen School of Medicine at UCLA (WSMRF)

Abstract 312

3:45 OPTIMIZATION OF EXOSOME ISOLATION FROM HUMAN SALIVA.
DJ No, A Crofton, J Baio and W Kirsch, Upland, CA. Loma Linda University

Abstract 313

4:00 INCREASED IPSILATERAL CORTICAL AND DEEP CEREBRAL VENOUS SUSCEPTIBILITY IN ADULT HYPERACUTE STROKE.
P Grigsby, P Kim, U Oyoyo and P Jacobson, Loma Linda, CA. Loma Linda University School of Medicine

Abstract 314

4:15 THE KETOGENIC DIET IN THE TREATMENT OF HIGHLY REFRACTIVE INFANTILE SPASMS AND LENNOX-GASTAUT SYNDROME.
EJ Shih, K Murata and S Hussain, Los Angeles, CA. David Geffen School of Medicine at UCLA (WSMRF)

Abstract 315
4:30  FATAL CEREBRAL EDEMA WITH CENTRAL NERVOUS SYSTEM ANGIITIS: A HISTOLOGIC EXAMINATION OF TWO CASES.
KH Terashima, DD Lo, S Tung, D Ng and HV Vinters, Los Angeles, CA. David Geffen School of Medicine at UCLA

Abstract 316

4:45  EYELID POSITION IN PATIENTS WITH FACIAL NERVE PALSY.
KS Sinha, D Rootman, A Nobori, B Azizzadeh and R Goldberg, Los Angeles, CA; Pasadena, CA and Beverly Hills, CA. David Geffen School of Medicine at UCLA (WSMRF)

Abstract 317

5:00  INVESTIGATION OF A MULTIPLEXED ASSAY FOR THREE BIOMARKERS ASSOCIATED WITH THE DIAGNOSIS AND EARLY DETECTION OF ALZHEIMER DISEASE.
TB Martins, GS Rule, AL Rockwood, JA Sonnen, E Zamrini and HR Hill, Salt Lake City, UT. ARUP Institute

Abstract 318

5:15  ASSOCIATION OF PROMINENT DEEP MEDULLARY VEINS ON SWI AND POOR NEUROLOGICAL OUTCOMES IN NEONATES WITH CYANOTIC CONGENITAL HEART DISEASE.
EG Glazener, Mission Viejo, CA. Loma Linda School of Medicine

Abstract 319

5:30  RELATIONSHIP OF PROMINENCE OF VEIN TO QUANTITATIVE SUSCEPTIBILITY MEASUREMENT (PPB) WITH HIGH PASS FILTER IN PEDIATRIC PATIENT WHO EXPERIENCED HYPOXIC ISCHEMIC ENCEPHALOPATHY.
GK Russell, P Kim, U Oyoyo, D Kido and P Jacobson, Loma Linda, CA. Loma Linda University (WSMRF)

Abstract 320

5:45  MASK VENTILATION BEFORE & AFTER NEUROMUSCULAR BLOCKADE.
ES Donahue and A Joffe, Seattle, WA. University of Washington

Abstract 321

Surgery III
Studio 105 (Sunset Center)
Subhas Gupta, Presiding

3:30  ADIPOSPATHY IN PERIVASCULAR ADIPOSE TISSUE OF VASCULAR DISEASE PATIENTS.
D Yu, M Tao, A Longchamp, K Ding, W King, M Semel and CK Ozaki, Seattle, WA; Boston, MA and Davidson, NC. University of Washington

Abstract 322

3:45  PREVALENCE AND ETHNIC VARIATION OF PRE-AURICULAR SINUSES IN
CHILDREN.
C Yu, K Khera, J Pauwels and NK Chadha, Vancouver, BC, Canada. BC Children's Hospital (WSMRF)

4:00 THE FINANCIAL BURDEN OF ECMO OUTCOMES.
EB Pillado, R Kashani, H Wu, S Grant, C Hershey, R Shemin and P Benharash, Los Angeles, CA. David Geffen School of Medicine at UCLA

4:15 THE REALITY OF THE ANGELINA EFFECT: BILATERAL BREAST RECONSTRUCTION IN PATIENTS WITH GENETIC SUSCEPTIBILITY, FAMILY HISTORY, CANCER PHOBIA.
S Yang, J Dhillon, H Kim and S Gupta, Loma Linda, CA and Riverside, CA. Loma Linda University School of Medicine

4:30 REDUCING POST-OPERATIVE COMPLICATIONS IN BREAST RECONSTRUCTIONS BY SELECTING NEW INCISION SITES: A PRELIMINARY CASE SERIES.
W Pinette, J Dhillon, P Lewis, S Gupta and ME Hill, Loma Linda, CA. Loma Linda University School of Medicine

4:45 A SYSTEMATIC REVIEW OF SYSTEMIC COBALTISM FOLLOWING WEAR OR CORROSION OF CHROME-COBALT HIP IMPLANTS.
E Woelber, B Gessner, T Steck and S Tower, Seattle, WA and Anchorage, AK. University of Washington

5:00 MINIMALLY INVASIVE SURGERY FOR ADOLESCENT IDIOPATHIC SCOLIOSIS - TWO YEAR FOLLOW UP: LESSONS LEARNED.
M Nitikman, S Desai and F Miyanji, Vancouver, BC, Canada. University of British Columbia

5:15 ANGLE-SUPPORTED PHAKIC INTRAOCULAR LENS FOR THE CORRECTION OF MYOPIA: THREE-YEAR FOLLOW-UP.
NR Norton and H Gimbel, Loma Linda, CA. Loma Linda University

5:30 ASSESSMENT OF THE EFFICACY OF A NOVEL ANTIBIOTIC COATING IN DECREASING PERIPROSTHETIC INFECTION USING AN ESTABLISHED IN VIVO MOUSE MODEL.
AH Loftin, S Zhu, AI Stavrakis, JE Manegold, SA Richman, T Segura and NM Bernthal, Los Angeles, CA. UCLA Health
PREDICTING MAJOR COMPLICATIONS AFTER CYTOREDUCTIVE SURGERY AND HYPERTHERMIC INTRAPERITONEAL CHEMOTHERAPY.
T Kwong, J Baumgartner, K Kelly, K Messer and A Lowy, La Jolla, CA. University of California, San Diego School of Medicine

Abstract 331
8:45  IDENTIFYING FAMILIES' MOST COMMON PSYCHOSOCIAL STRESSORS IN A PEDIATRIC RESIDENT CLINIC IN FRESNO, CA: PHASE I OF A QI PROJECT TO PREVENT CHILDHOOD MALTREATMENT.  
A Azimi, C Santos and S Yang, Fresno, CA. UCSF-Fresno Graduate Medical Education

9:00  A COMMUNITY TEACHING GARDEN FOR THE YOUNG PEOPLE OF CLE ELUM.  
YY Elikh, Seattle, WA. University of Washington

9:15  FISH TO PRESCHOOLS: AN OBESITY INTERVENTION IN JUNEAU, ALASKA.  
SW Sussman, Seattle, WA. University of Washington (WSMRF)

9:30  BROWNING/CHARLO HEALTH AND SCIENCE CLUB OF MONTANA WWAMI: SPARKING CURIOSITY IN RURAL MONTANA HIGH SCHOOL STUDENTS.  
J Campbell, Seattle, WA. University of Washington (WSMRF)

9:45  A COMPARISON OF MIDAZOLAM AND ZOLPIDEM AS ORAL PREMEDICATION IN CHILDREN.  
JP Everett, A Hanna and R Applegate, Loma Linda, CA. Loma Linda University

10:00 am – 11:00 am Break and Poster Session

General Internal Medicine and Aging  
Babcock #6 (Sunset Center)  
Cameron Bass and Tyra Fainstad, Presiding

8:00  HEAD IMAGING IN THE PRIMARY CARE SETTING: AN ANALYSIS OF ORDERING PATTERNS, COST, AND OUTCOMES FOR MINOR HEAD TRAUMA, HEADACHES, AND MIGRAINES.  
J Fujimoto, D Karlin and J Ma, Los Angeles, CA. University of California, Los Angeles

8:15  DEPRESSION IN PATIENTS WITH CICATRICIAL AND NON-CICATRICIAL ALOPECIA.  
SD Dreyer and C Goh, Los Angeles, CA. David Geffen School of Medicine at UCLA

8:30  CHARACTERIZATION OF FOOT STRIKE PATTERN AND INJURY IN ATHLETES COMPETING IN A 7 DAY STAGED 200-KM ULTRAMARATHON.  
DM Vandelever and BJ Krabak, Seattle, WA. University of Washington (WSMRF)
8:45 HIV-INFECTION AND AGING: DOES HIV INFECTION LEAD TO SHORTENED TELOMERES?
E Auld, E Chang, J Lin, E Blackburn and L Huang, Seattle, WA and San Francisco, CA.
University of Washington (WAFMR/WAP Student Subspecialty Award Winner)
(WSMRF)

9:00 ASSOCIATION BETWEEN OBSTRUCTIVE SLEEP APNEA SYNDROME AND GLAUCOMA IN MEDICARE BENEFICIARIES.
CH Kim, V Tseng, F Yu, F Lum and AL Coleman, Los Angeles, CA and San Francisco, CA. David Geffen School of Medicine at UCLA

9:15 EFFECTS OF IOMIK AND COPENHAGEN® ON WOUND HEALING IN ORAL EPITHELIUM.
ME Warren and C Knall, Seattle, WA and Anchorage, AK. University of Washington (WSMRF)

9:30 State-of-the-Art Speaker
PREVENTING FALLS IN COMMUNITY-DWELLING OLDER ADULTS.
Elizabeth A. Phelan, University of Washington

10:00 am – 11:00 am Break and Poster Session

Neonatology - Perinatal Biology II
Studio 105 (Sunset Center)
Laura Brown and Lisa Joss-Moore, Presiding

8:00 A MURINE MODEL OF ACUTE SUBCLINICAL MATERNAL INFLAMMATION IN LATE PREGNANCY.
M Ozen, H Zhao, VD Winn, F Kalish, TD Palmer, RJ Wong and DK Stevenson, Stanford, CA. Stanford University

8:15 IN UTERO HYPOXIA-ISCHEMIA AND LIPOPOLYSACCHARIDE ADMINISTRATION IN RATS INDUCES HISTOLOGICAL CHorioAMNIONITIS.
J Maxwell, S Robinson and L Jantzie, Albuquerque, NM and Boston, MA. University of New Mexico

8:30 ATTENUATED GLUCOSE STIMULATED INSULIN SECRETION FOLLOWING CHRONIC HYPOXEMIA IS DUE TO AN INTRINSIC ISLET DEFECT IN FETAL SHEEP.
JS Benjamin, CB Culpepper, L Brown, S Thorn, S Jonker, M Davis, S Limesand, R
Wilkening, WW Hay and P Rozance, Aurora, CO. *University of Colorado - Denver (WSPR Mead Johnson Travel Award Winner) (WSPR)*

Abstract 348

**8:45** MATERNAL NUTRITION RESTRICTION PERTURBS FETAL BRAIN CELLULAR PROFILE.
*M Sondhi, B Shin, A Ganguly and S Devaskar, Los Angeles, CA. David Geffen School of Medicine at UCLA*

Abstract 349

**9:00** CHRONIC HYPOXEMIA INDUCES HEPATIC GLUCOGENESIS IN FETAL SHEEP.
*CB Culpepper, JS Benjamin, L Brown, S Thorn, S Jonker, R Wilkening, WW Hay and P Rozance, Denver, CO and Portland, OR. University of Colorado (WSPR)*

Abstract 350

**9:15** MYOBLASTS MAINTAIN PROLIFERATIVE CAPACITY DESPITE DECREASED MUSCLE GROWTH IN THE INTRAUTERINE GROWTH RESTRICTED FETAL SHEEP.
*A Blake, P Rozance, N Isenberg, S Thorn, WW Hay and L Brown, Aurora, CO. University of Colorado*

Abstract 351

**9:30** State-of-the-Art Speaker
FETAL GLUCOSE METABOLISM IN INTRAUTERINE GROWTH RESTRICTION.
*Meena Garg, David Geffen School of Medicine at UCLA*

10:00 am – 11:00 am Break and Poster Session

Pulmonary and Critical Care II
Promenade Lobby (Sunset Center)
*Philippe Montgrain and Amir A. Zeki, Presiding*

**8:00** ARTERIAL BLOOD CHANGES DURING EXERCISE IN HELIUM-OXYGEN DIVERS AT 10 ATMOSPHERES.
*LW Raymond, Chapel Hill, NC. University of North Carolina, Chapel Hill (WAFMR)*

Abstract 352

**8:15** SAFETY AND CLINICAL UTILITY OF FIBEROPTIC BRONCHOSCOPIC CRYOEXTRACTION IN PATIENTS WITH NON-NEOPLASM TRACHEOBRONCHIAL OBSTRUCTION: A RETROSPECTIVE CHART REVIEW.
*F Lam, N Sriratanaviriyakul, B Morrissey, N Stollenwerk and K Yoneda, Sacramento, CA and Mather, CA. University of California, Davis (WSCI Travel Award Winner)*

Abstract 353
8:30  NEUROMUSCULAR BLOCKADE IMPROVES FIRST ATTEMPT SUCCESS FOR INTUBATION IN THE INTENSIVE CARE UNIT.
H Chopra, JM Mosier, JC Sackles, J Malo and JW Bloom, Tucson, AZ. University of Arizona

Abstract 354

8:45  DEVELOPMENT OF A PIPELINE FOR AUTOMATED VENTILATOR WAVEFORM ANALYSIS.
MK Lieng, BT Kuhn, J Delplanque, NR Anderson and JY Adams, Sacramento, CA and Sacramento, CA. University of California, Davis

Abstract 355

9:00  TRANSLATION OF SMALL MOLECULES THERAPIES FROM AN INDUCED PLURIPOTENT STEM CELL MODEL OF IDIOPATHIC PULMONARY FIBROSIS TO THE BLEOMYCIN MOUSE MODEL.
E Li, P Vijayaraj and B Gomperts, Los Angeles, CA. David Geffen School of Medicine at UCLA (WAFMR/WAP Student Subspecialty Award Winner)

Abstract 356

9:15  State-of-the-Art Speaker
SLEEP AND OBESITY.
Lisa Shives, University of California San Diego Health System

10:00 am – 11:00 am Break and Poster Session

Surgery IV
Green Room (Sunset Center)
Rachael Safyon and Toby Keys, Presiding

8:00  REDUCING POSTOPERATIVE ATRIAL FIBRILLATION: RESULTS OF A QUALITY IMPROVEMENT TRIAL.
R Kashani, S Sareh, N Satou, R Shemin and P Benharash, Los Angeles, CA. David Geffen School of Medicine at UCLA

Abstract 357

8:15  MRI FINDINGS IN ASYMPTOMATIC ELITE OVERHEAD ATHLETES.
NH Goldhaber, C Lee, S Davis, J Wosmek, A Brock and W Stetson, Burbank, CA. Stetson Powell Orthopedics and Sports Medicine (WSCI Travel Award Winner)

Abstract 358

8:30  CLINICAL OUTCOMES OF MIDDLE FOSSA CRANIOTOMY FOR SUPERIOR SEMICIRCULAR CANAL DEHISCENCE REPAIR.
LK Chung, N Ung, D Nagasawa, P Pelargos, K Thill, Q Gopen and I Yang, Los Angeles, CA. David Geffen School of Medicine at UCLA (WSMRF)

Abstract 359

11.13.14 cancelled

8:45  IS ESOPHAGEAL MANIPULATION RESPONSIBLE FOR DYSPHAGIA AFTER CARDIAC SURGERY?
9:00  **EFFICACY OF A MULTIFACETED PROGRAM TO REDUCE READMISSION AFTER CARDIAC SURGERY.**
I McElroy, H Wu, E Gee, N Satou, R Shemin and P Benharash, Los Angeles, CA. *David Geffen School of Medicine at UCLA*

9:15  **DEVELOPMENT OF A PATIENT SATISFACTION SURVEY AT BC CHILDREN'S HOSPITAL.**
S Ghavimi, F Javadian, E Skarsgard, T Newlove and K Afshar, Vancouver, BC, Canada. *University of British Columbia*

9:30  **RELIABILITY OF DIFFUSION TENSOR IMAGING TRACTOGRAPHY FOR FACIAL NERVE IMAGING IN PATIENTS WITH VESTIBULAR SCHWANNOMA.**
N Ung, LK Chung, N Cremer, M Mathur, B Voth, K Thill, I Mathur and I Yang, Los Angeles, CA. *University of California, Los Angeles*

9:45  **AIRWAY MANAGEMENT IN PIERRE ROBIN SEQUENCE: THE VANCOUVER CLASSIFICATION SYSTEM.**
A Poon, W Li, D Courtemanche, C Verchere, S Robertson, C Malic, M Bucevska and J Arneja, Winnipeg, MB, Canada; Vancouver, BC, Canada; Winnipeg, BC, Canada and Ottawa, ON, Canada. *University of Manitoba*

10:00 am – 11:00 am Break and Poster Session
POSTER SESSION III

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

Carpenter Hall

Saturday, January 31, 2015
8:00 AM – 12:30 PM

(Presenters in attendance from 10:00 am – 11:00 am)

Health Care Research
Hematology and Oncology
Immunology and Rheumatology
Infectious Diseases

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<td>A BASELINE QUALITY ASSESSMENT OF DELIVERY CARE AT A RURAL KENYAN HOSPITAL PRIOR TO PRONTO TRAINING. K Bogaert, J Dettinger, M Kibore, O Gachuno, J Unger and D Walker, Seattle, WA; Nairobi, Kenya and San Francisco, CA. University of Washington (WSMRF)</td>
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<td>EFFECT OF COLLABORATIVE SIMULATION TRAINING FOR PEDIATRIC RESIDENTS AND NURSING STUDENTS ON TEAMWORK SKILLS. SU Das, J Doolen, CL Cross, S Rue, N Leland and G Guizado, Las Vegas, NV. University of Nevada School of Medicine (WAFMR)</td>
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<td>TRACH-SAFE EDUCATION AND SIMULATION CURRICULUM. DJ Dudley and K Johnson, Seattle, WA. University of Washington School of Medicine</td>
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<td>EVALUATION OF BIRTH ATTENDANT PERFORMANCE IN INDIAN HOSPITAL DELIVERIES. SM Folsom, TA Erickson, J Koncinsky, S Schoenhals, J Leavy, D Jha, M Patel, L Makwana and B Fassl, Salt Lake City, UT and Mota Fofalia, India. University of Utah</td>
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Abstract 368

81 IMPROVED PATIENTS SATISFACTION AT CHILDREN'S HOSPITAL OF NEVADA OF UNIVERSITY MEDICAL CENTER AFTER TARGETED INTERVENTION TO IMPROVE INTERPRETER SERVICES.
SS Gill, K Jones and SU Das, Las Vegas, NV. University of Nevada School of Medicine

Abstract 369

82 ALBUMINURIA AS A PREDICTOR OF FOOT ULCER DEVELOPMENT.
M Gobrial, M Gobrial, E Liu, C Ochoa, J Shapiro and E Barnes, Pomona, CA. Western University of Health Sciences (WSMRF)

Abstract 370

83 LOW BIRTH WEIGHT NEWBORN QUALITY MEASURES IN A RURAL INDIAN HOSPITAL; ARE THEY BEING FOLLOWED?
J Koncinsky, S Schoenhals, J Levy, TA Erickson, SM Folsom, M Patel, R Bick, D Jha and B Fassl, Salt Lake City, UT and Mota Fofalia, India. University of Utah

Abstract 371

84 COMPARISON OF TWO METHODS FOR SURFACE E-SELECTIN SITE DENSITY DETERMINATION.
Q Li, J Zhang and Y Fang, Guangzhou, China. South China University of Technology

Abstract 372

85 THE AMYLOIDOGENIC HEXAPEPTIDE, AMYLIN 28-33, AMELIORATES SEPSIS.
S Mahapatra, M Kurnellas, J Rothbard and L Steinman, Palo Alto, CA. Stanford University Medical Center

Abstract 373

86 PATIENT CHARACTERISTICS ASSOCIATED WITH PSYCHOLOGICAL SAFETY AMONG RHEUMATOLOGY FELLOWS: FINDINGS FROM VETERANS AFFAIRS LEARNERS' PERCEPTION SURVEY.
C Nguyen, K Torralba, J Gamboa, G Cannon, S Baz and M Kashner, Fontana, CA. Loma Linda University Medical Center

Abstract 374

87 PAPER VERSUS INTERNET ADMINISTRATION OF QUESTIONNAIRES IN AN ADOLESCENT IDIOPATHIC SCOLIOSIS POPULATION: A RANDOMIZED CROSSOVER STUDY.
M Nitikman, K Mulpuri and C Reilly, Vancouver, BC, Canada. University of British Columbia

Abstract 375

88 IMPROVING CULTURAL COMPETENCY EARLY IN PREMEDICAL TRAINING.
J Roozbanian and B Afghani, Saugus, CA; Irvine, CA and Orange, CA. California State
89 ASSESSING PRIOR AND POTENTIAL VOLUNTEER'S PERCEPTIONS FOR TELERADIOLOGY RECRUITMENT AT A KENYAN MISSION HOSPITAL. 
J Vaughan and L Oliver, Seattle, WA. University of Washington (WSMRF)

90 PREDICTORS OF CONTROL PREFERENCES IN THE PRE-ANESTHESIA CLINIC. 
A Xue, S Mincer, K Domino and K Posner, Seattle, WA. University of Washington School of Medicine (WSMRF)

91 PREDICTORS OF LOW Apgar SCORE FOLLOWING EMERGENCY CESAREAN OBSTETRICAL CARE AT A REGIONAL REFERRAL HOSPITAL IN RURAL UGANDA. 
N Zhygan, J Ekunait, N O'Hara, D Duffy, GK Blair and S Ajiko, Vancouver, BC, Canada and Soroti, Uganda. BC Children's Hospital

Hematology and Oncology

92 PRIMARY RENAL MYOEPITHELIAL CARCINOMA AND CRIZOTNIB THERAPY. 
TV Desai and A Walsh, Las Vegas, NV. University of Nevada School of Medicine

93 ANTIBODY-MEDIATED ENCEPHALITIS: A RARE BUT IMPORTANT DIFFERENTIAL. 
A Guiner, Las Vegas, NV. University of Nevada School of Medicine

94 EFFECTS OF CLOSTRIDIUM DIFFICILE TOXIN A ON ANTI-PROLIFERATION OF K562 CELLS. 
M Li, Y Xi, H Zhang and L Zhao, Lanzhou, China. The First Hospital of Lanzhou University

95 IMMUNE MONITORING OF SOLID TUMOR PATIENTS THAT RECEIVED INTRATUMORAL INJECTION OF ACTIVATED DENDRITIC CELLS. 
J Lin, JP Antonios, S Odesa, H Soto, L Liao and R Prins, Los Angeles, CA. David Geffen School of Medicine at UCLA (WSMRF)

96 PRIMARY ANAL SMALL CELL CARCINOMA IN THE SETTING OF HIV, PRIOR ANAL SQUAMOUS CELL CARCINOMA, AND RADIATION: LIGHTNING STRIKE, OR HARBINGER OF THINGS TO COME? 
BA Nuyen and B Cosman, La Jolla, CA and San Diego, CA. University of California, San
Diego School of Medicine

97 CHITOSAN PROPERTIES AFTER DEPYROGENATION WITH NON-THERMAL NITROGEN GAS PLASMA.
*T Pender, A Crofton and W Kirsch, Loma Linda, CA. Loma Linda University (WSMRF)

98 GANGLIOSIDE GD2 EXPRESSION IS MAINTAINED UPON RECURRENCE IN PATIENTS WITH OSTEOSARCOMA.
*VI Poon, M Roth, S Piperdi, D Geller, J Gill, ER Ridzinski, DS Hawkins and R Gorlick, Vancouver, BC, Canada; Bronx, NY and Seattle, WA. University of British Columbia

99 MINIMAL RESIDUAL DISEASE ASSOCIATED WITH MITOCHONDRIAL DNA IN CHILDHOOD B-CELL LYMPHOMA.
*M Ueoka, K Kaneta, C Nakamura, J Kuroda, M Agsalda-Garcia and B Shiramizu, Honolulu, HI. University of Hawaii

100 FEASIBILITY OF A RETROSPECTIVE ANALYSIS DETERMINING IF REDUCED SMAD4 EXPRESSION PREDICTS RESPONSIVENESS TO DNA TOPOISOMERASE INHIBITORS IN LUNG CANCER.
*MK Ziemke and S Malkoski, Aurora, CO and Denver, CO. University of Colorado School of Medicine

Immunology and Rheumatology

101 DOES PSYCHOLOGICAL SAFETY IMPACT LEARNING ENVIRONMENTS AMONG RHEUMATOLOGY FELLOWS: FINDINGS FROM VETERANS AFFAIRS LEARNERS' PERCEPTION SURVEY.
*J Gamboa, K Torralba, C Nguyen, GW Cannon and M Kashner, Loma Linda, CA and Salt Lake City, UT. Loma Linda University Medical Center

102 POSTERIOR REVERSIBLE ENCEPHALOPATHY SYNDROME IN A PATIENT WITH CLASS IV LUPUS NEPHRITIS.
*J Gamboa, K Torralba, KM Hatti and K Colburn, Loma Linda, CA. Loma Linda University Medical Center (WAFMR)

103 SPECTRUM OF COMMON VARIABLE IMMUNE DEFICIENCY.
*HR Hill, N Augustine, J Hansen Rejali, KV Voelkerding and A Kumanovics, Salt Lake City, UT. University of Utah (WSPR)

104 CHILD WITH THROMBOTIC THROMBOCYTOPENIA PURPURA SECONDARY TO SYSTEMIC LUPUS ERYTHEMATOSUS.
A Chow, JM Lee, S Yang and E Arce-Hernandez, Fresno, CA and Madera, CA. UCSF Fresno

105 VOCAL CORD PARALYSIS AND CRICOARYTENOIDITIS IN AN ELDERLY WOMAN WITH ANTI-DSDNA AND CCP ANTIBODIES.
M Ngo and K Torralba, Loma Linda, CA. Loma Linda University

106 NOT YOUR TYPICAL MASTOIDITIS: 13 Y/O FEMALE WITH MASTOIDITIS, HEADACHE, FEVER, HEMOPTYSIS, AND PETECHIAE.
S Solomon and D Wright, Madera, CA. UCSF Fresno Pediatrics

107 IMPORTANCE OF RECOGNIZING MASTOIDITIS.
R Ambaram and P Patamasucon, Las Vegas, NV. University of Nevada, School of Medicine

108 DISSEMINATED NEONATAL HSV INFECTION RESULTING IN FATAL LIVER FAILURE.
HK Chandnani, B Wong and P Patamasucon, Las Vegas, NV. University of Nevada School of Medicine

109 GROUP C STREPTOCOCCUS CAUSING RHEUMATIC HEART DISEASE IN A CHILD.
HK Chandnani, R Jain and P Patamasucon, Las Vegas, NV. University of Nevada School of Medicine

110 A PAIN IN THE BACK: GETTING TO THE BOTTOM OF THE GRANULOMA.
AC Pandey, JM Hanna and JP Ferreira, Tucson, AZ. University of Arizona (WAFMR)

111 MYCOBACTERIAL CERVICAL LYMPHADENITIS: CASE SERIES AND REVIEW OF THE LITERATURE.
S Pangonis and P Patamasucon, Las Vegas, NV. University of Nevada School of Medicine

Infectious Diseases

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CONCURRENT SESSIONS

Saturday, January 31, 2015
11:00 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

Adolescent Medicine and General Pediatrics III ......................... Rehearsal Room
Cardiovascular IV ........................................................................ Promenade Lobby
Health Care Research III ............................................................... Babcock #6
Hematology and Oncology II .......................................................... Green Room
Immunology and Rheumatology II ................................................ Conductor’s Room
Neonatology – General IV .............................................................. Bingham Room #3
Neuroscience III ........................................................................... Chapman #4

Adolescent Medicine and General Pediatrics III
Rehearsal Room (Sunset Center)
Samrat U. Das, Eche Ezeanolue, and Rita Shah, Presiding

11:00 ACUTE RENAL FAILURE AND UROSEPSIS PRESENTING AS FAILURE TO THRIVE IN A WELL APPEARING NEONATE.
S Rao, JR Brandt, A Staples and H Agarwal, Albuquerque, NM. University of New Mexico

Abstract 400

11:15 WILLIS EKBOM DISEASE/RESTLESS LEGS SYNDROME AND SENSORY PROCESSING ABNORMALITIES: PRESENTATIONS AND INTERCONNECTIONS IN CHILDREN WITH NEURODEVELOPMENTAL CONDITIONS.
S Dhalla, O Ipsioglu, M Berger, N Beyzaie and J Garden, Vancouver, BC, Canada. University of British Columbia (WSMRF)

Abstract 401

11:30 IMPROVING IMMUNIZATION RATES AMONG ADOLESCENTS IN LAKE PEND OREILLE SCHOOL DISTRICT IN IDAHO.
S McCreery, Seattle, WA. University of Washington (WSMRF)

Abstract 402

11:45 THE IMPACT OF SMALL KIDNEYS.
D Cojocaru, E Matsell, A Eddy and DG Matsell, Vancouver, BC, Canada. British
12:00 EVALUATION OF NEONATAL RESUSCITATION TRAINING STATUS AT DELIVERY FACILITIES IN THE BIBIANI-ANHWIASO-BEKWAI DISTRICT, GHANA.
CJ Gross, E Avis, S Gustafson, R Dudovitz and D Rickard, Los Angeles, CA and Bekwai, Ghana. David Geffen School of Medicine at UCLA

12:15 USE OF SCREENING, BRIEF INTERVENTION AND REFERRAL TO TREATMENT WITH HIGH-RISK ADOLESCENTS.
RL Lum Ho, M Pugatch, L Scholl, S Levy and ER Weitzman, Seattle, WA and Boston, MA. University of Washington School of Medicine (WSMRF)

Cardiovascular IV
Promenande Lobby (Sunset Center)
Kevin O'Brien, Presiding

11:00 FIBROSIS-RELATED GENE AND MICRORNA EXPRESSION IN PEDIATRIC IDIOPATHIC DILATED CARDIOMYOPATHY.
H Nguyen, A Siomos, K Nunley, BL Stauffer, CC Sucharov and S Miyamoto, Aurora, CO and Hartford, CT. University of Colorado Denver School of Medicine (WSMRF)

11:15 CELL BASED THERAPIES AND INFLAMMATION IN HEART FAILURE: EXPRESSION OF INTERLEUKIN 1.
AC Pandey, J Lancaster, D Harris, S Goldman and E Juneman, Tucson, AZ. University of Arizona (WSCI Travel Award Winner) (WAFMR)

11:30 DO PRIOR DRIVELINE INFECTIONS INCREASE THE RISK OF INFECTION IN HEART TRANSPLANT PATIENTS TREATED WITH ATG INDUCTION THERAPY?
D Arman, F Liou, S Siddiqui, M Hamilton and J Kobashigawa, Los Angeles, CA. Cedars-Sinai Medical Center

11:45 CHILDREN WITH PRETRANSPLANT GLENN/FONTAN PHYSIOLOGY ARE AT INCREASED RISK FOR POSTERIOR REVERSIBLE ENCEPHALOPATHY SYNDROME AFTER HEART TRANSPLANTATION.
B Eilers and M Kemna, Seattle, WA. University of Washington

12:00 HLA ANTIBODY CLASS AFFECTS OUTCOMES AFTER HEART TRANSPLANT.
F Liou, R Shiozaki, S Siddiqui, M Hamilton and J Kobashigawa, Los Angeles, CA.
12:15 SHORTER COLD ISCHEMIC TIME IN OLDER DONORS POST-HEART TRANSPLANT APPEARS TO BE PROTECTIVE.
K Murayama, F Liou, J Yabuno, M Hamilton and J Kobashigawa, Los Angeles, CA.
Cedars-Sinai Medical Center

Health Care Research III
Babcock #6 (Sunset Center)
Edward S. Lee, Presiding

11:00 MEDICAL STUDENTS' PERCEPTIONS OF MEDICAL SCHOOL CULTURE: A MAJORITY-MINORITY PERSPECTIVE.
JG Lee and ML Stuber, Los Angeles, CA. University of California, Los Angeles

11:15 EVOLVING PRACTICE PATTERNS IN IMAGING PREGNANT PATIENTS WITH ABDOMINAL COMPLAINTS: A SURVEY OF THREE RADIOLOGICAL SOCIETIES.
W Hansen, M Moshiri, D Katz, R Lamba and P Bhargava, Seattle, WA; Mineola, NY and Davis, CA. University of Washington (WSMRF)

11:30 IMPROVING PNEUMOCOCCAL POLYSACCHARIDE (PNEUMOVAX) VACCINATION RATES FOR SENIORS IN PRIMARY CARE CLINICS.
RL Citron, E Curcio and A Kuo, Los Angeles, CA. David Geffen School of Medicine at UCLA

11:45 CURRICULA INVENTORY ON AFRICAN AMERICAN HEALTH DISPARITIES IN U.S. MEDICAL SCHOOLS.
JM Lemon and FC Overstreet, Seattle, WA. University of Washington (WSMRF)

12:00 IMPROVING NURSING CARE IN A CHILDREN'S HOSPITAL IN RURAL INDIA.
J Leavy, J Janes, TA Erickson, SM Folsom, J Koncinsky, S Schoenhals and B Fassl, Salt Lake City, UT. University of Utah School of Medicine

12:15 DRAMATIC REDUCTIONS IN MORTALITY IN HOSPITALIZED PATIENTS WITH SYSTEMIC LUPUS ERYTHEMATOSUS IN WASHINGTON STATE FROM 2003 TO 2011.
LB Goss, J Ortiz, DM Okamura, K Hayward and CH Goss, Seattle, WA. Ingraham High School (WSMRF)
11:00 IMPROVING UNDERSTANDING AND MANAGEMENT OF POLYOMAVIRUS-NEGATIVE MERKEL CELL CARCINOMA.
A Moshiri, L Yelistratova, P Nghiem and R Doumani, Seattle, WA. University of Washington School of Medicine (WSMRF)

11:15 PREDICTIVE IMAGING OF OROPHARYNGEAL SQUAMOUS CELL CANCER WITH CONTRAST-ENHANCED MRI.
J Arzeno, RA Dumont, W Hsu and A Sepahdari, Los Angeles, CA. David Geffen School of Medicine at UCLA

11:30 INVESTIGATING THE EFFECTS OF ADIPOSE DERIVED STEM CELLS AND FETAL LUNG FIBROBLASTS ON LUNG CANCER PROLIFERATION.
C Bae, H Li, X Zhang and L Zhong, Pomona, CA. Western University of Health Sciences (WSMRF)

11:45 COMBINATIONAL THERAPY ENHANCES ANTITUMOR ACTIVITY IN TUMORS RESISTANT TO IRINOTECAN TREATMENT IN A PRECLINICAL CRC MODEL.
JL Greene, S Bagby, W Messersmith and J Aracaroli, Aurora, CO. University of Colorado (WSMRF)

12:00 AN EVALUATION OF THE ROLE OF T790M MUTATIONS IN DISEASE CHARACTERISTICS AND TREATMENT RESPONSE IN NON-SMALL CELL LUNG CANCER (NSCLC).
D Gaut, B Wolf, P Abarca, D Pan, J Goldman and E Garon, Los Angeles, CA. David Geffen School of Medicine at UCLA

12:15 MAPPING AND CHARACTERIZING WNT PATHWAY DEPENDENCIES IN NON-SMALL CELL LUNG CANCER.
H Scarborough, M Casas-Selves, B Helfrich and J DeGregori, Denver, CO. University of Colorado Denver (WSMRF)

11:00 BETA-2 ADRENERGIC RECEPTOR SIGNALING REGULATES TLR4-INDUCED IL-12B, PTGS2, IL-6, AND CCL3 GENE EXPRESSION VIA NUCLEAR FACTOR IL-3 (NFIL-3) TRANSCRIPTIONAL REPRESSION.
11:15 SERPINB2, TREM2 AND DAP12 AS BIOMARKERS FOR LEPROSY.
DM Pou达尔, RM Teles and RL Modlin, Los Angeles, CA. David Geffen School of Medicine at UCLA

Abstract 425

11:30 INVESTIGATING THE EFFICACY OF SIX CHEMICAL COMPOUNDS ON DOWN-REGULATION OF TNFα PRODUCTION IN MACROPHAGES IN RESPONSE TO PROTEIN KINASE C ACTIVATION BY PHORBOL MYRISTATE ACETATE.
N Gazy, H Li, X Zhang, S Fuchs, V Venketaraman, J Martin and L Zhong, Pomona, CA. Western University of Health Sciences (WSMRF)

Abstract 426

11:45 THE ECONOMIC IMPACT OF PSORIASIS AT A SINGLE CENTER IN TORONTO, ONTARIO.
TA Gitter, V Chandran and D Gladman, Vancouver, BC, Canada and Toronto, ON, Canada. University of British Columbia (WSMRF)

Abstract 427

12:00 WESTERN ONTARIO AND MCMASTERS UNIVERSITIES OSTEOARTHRITIS INDEX PAIN SCORE: CORRELATION WITH DAILY PAIN RATINGS OVER THE PRECEDING FIVE DAYS.
MH Nguyen, RE Yeasted and TJ Schnitzer, Seattle, WA and Chicago, IL. University of Washington (WSMRF)

Abstract 428

12:15 VORICONAZOLE DESENSITIZATION IN THE SETTING OF MULTIPLE DRUG HYPERSENSITIVITY.
T Jean and K Kwong, Torrance, CA. Harbor UCLA Medical Center (WSMRF)

Abstract 429

Neonatology General IV
Bingham Room #3 (Sunset Center)
Robin K. Ohls and Vedang Londhe, Presiding

11:00 IN VIVO INHIBITION OF HEME OXYGENASE ACTIVITY IN THE HEME-LOADED NEWBORN MOUSE USING A MICROPARTICLE FORMULATION OF ZINC PROTOPORPHYRIN.
K Fujioka, RJ Wong and DK Stevenson, Stanford, CA. Stanford University School of Medicine

Abstract 430

11:15 PLASMA RENIN CONCENTRATION IS DIFFERENTIALLY AFFECTED BY VENTILATION MODE IN PRETERM LAMBS.
A Blair, E Staub, MJ Dahl, BA Yoder, DM Null and K Albertine, Salt Lake City, UT.
11:30 MATERNAL TOBACCO SMOKE EXPOSURE AFFECTS FATTY ACID TRANSPORTER MRNA LEVELS IN THE PLACENTA OF MALE AND FEMALE RAT PUPS.
C Neugebauer, C Zou, D Requena, Y Wang and LO Joss-Moore, Salt Lake City, UT. University of Utah (WSPR Mead Johnson Travel Award Winner)

11:45 BRAIN VASCULAR GROWTH FACTOR PROTEIN ABUNDANCE IS DIFFERENTLY AFFECTED BY VENTILATION MODE IN PRETERM LAMBS.

12:00 HISTONE MODIFICATIONS ARE DIFFERENTIALLY AFFECTED BY VENTILATION MODE IN THE RENAL CORTEX OF PRETERM LAMBS.
A Blair, E Staub, L Dong, MJ Dahl, BA Yoder, DM Null and K Albertine, Salt Lake City, UT. University of Utah

12:15 ONTOGENY OF HISTONE COVALENT MODIFICATIONS IN THE BRAIN OF LAMBS.
A Havlicak, K Rinehart, L Dong, MJ Dahl, ZM Wang, DM Null, BA Yoder and K Albertine, Salt Lake City, UT and Appleton, WI. University of Utah (WSPR)

Neuroscience III
Chapman #4 (Sunset Center)
Marie-Francois Chesselet and Donald Smith, Presiding

11:00 OXYTOCIN ENHANCES SOCIAL ATTENTION IN MALE RHESUS MACAQUES.
S Gopalakrishnan, P Putnam, P Zimmerman and K Gothard, Tucson, AZ. University of Arizona College of Medicine

11:15 THE EFFECT OF DIET ON THE RESPONSIVENESS OF THE HYPOTHALAMIC FEEDING CIRCUITRY TO INSULIN.
S Seng and EJ Wagner, Pomona, CA. Western University of Health Sciences

11:30 IMMUNE-MODULATION THERAPY WITH GLATIRAMER ACETATE INDUCES EGR-1 EXPRESSION IN RODENT MODELS OF GLAUCOMA AND ALZHEIMER'S DISEASE.
M Pham, Y Koronyo, K Black and M Koronyo, Pomona, CA; Los Angels, CA and Los Angeles, CA. Western University of Health Sciences (WSMRF)
11:45 THE ROLE OF PHOSPHATIDYLINOSITOL-3-KINASE IN THE RAPID ESTROGENIC ATTENUATION OF CANNABINOID-INDUCED CHANGES IN ENERGY HOMEOSTASIS.
AP Vargas and EJ Wagner, Pomona, CA. Western University of Health Sciences
Abstract 439

12:00 State-of-the-Art Speaker
THE ACHILLES' HEEL OF ENVIRONMENTAL HEALTH RESEARCH.
Donald Smith, University of California, Santa Cruz
## Western Section American Federation for Medical Research

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## Western Society for Clinical Investigation

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### Western Association of Physicians

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### Western Society for Pediatric Research

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<tbody>
<tr>
<td>President</td>
<td>Kurt Albertine</td>
<td>University of Utah</td>
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<tr>
<td>President-Elect</td>
<td>Paul Rozance</td>
<td>University of Colorado</td>
</tr>
<tr>
<td>Past President</td>
<td>Robin Ohls</td>
<td>University of New Mexico</td>
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<tr>
<td>Secretary/Treasurer</td>
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<td></td>
<td>David Viskochil</td>
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<td>Bill Hay, Jr.</td>
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<td></td>
<td>Kathy Angkustsiri</td>
<td>University of California, Davis</td>
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<td>Jean Paul Collet</td>
<td>University of British Columbia</td>
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<td>Josephine Encisco</td>
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<td>Erika Fernandez</td>
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<td>Roberta Keller</td>
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<td>Laura Brown</td>
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<td>Margaret Adam</td>
<td>University of Washington</td>
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### Western Student Medical Research Forum Officers

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<tr>
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<tr>
<td>2014-2015 Chair</td>
<td>Hannah Scarborough</td>
<td>University of Colorado, Denver</td>
</tr>
<tr>
<td>2014-2015 Vice-Chair</td>
<td>S. Ryan Hall</td>
<td>University of Washington School of Medicine</td>
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<tr>
<td>Co-Executive Directors</td>
<td>Laurel Desnick</td>
<td>University of Washington School of Medicine</td>
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<tr>
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<td>Jorge Nieva</td>
<td>University of Southern California</td>
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<tr>
<td>Co-Program Directors</td>
<td>Shamar Jones</td>
<td>David Geffen School of Medicine at UCLA</td>
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<td></td>
<td>Katie Portante</td>
<td>University of Washington School of Medicine</td>
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