# 2016 WESTERN REGIONAL MEETING
## PROGRAM AT-A-GLANCE
### Carmel, California
#### January 28-30, 2016

<table>
<thead>
<tr>
<th>TIME</th>
<th>ACTIVITY &amp; LOCATION</th>
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<tbody>
<tr>
<td><strong>THURSDAY, JANUARY 28, 2016</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>
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<tr>
<td>8:00 am – 5:00 pm</td>
<td>Speaker Ready Room</td>
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<td>Sunset Center</td>
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<tr>
<td>9:00 am – 11:30 am</td>
<td>WAP Symposium</td>
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<td>Diseases without Borders</td>
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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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<td>Sunset Center – Bingham #3</td>
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<tr>
<td>11:00 am – 12:00 pm</td>
<td>How to Choose a Residency with a Research Focus</td>
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<td></td>
<td>Bring own lunch</td>
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<td>Open to all students</td>
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<td></td>
<td>Sunset Center – Chapman #4</td>
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<tr>
<td>11:35 am – 12:30 pm</td>
<td>New Investigator Workshops</td>
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<td></td>
<td>(Intended for Fellows and Jr. Faculty – Additional charge of $10 and lunch will be provided)</td>
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<tr>
<td></td>
<td>Finding Your Niche in Research</td>
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<tr>
<td></td>
<td>Nevin Wilson, MD, University of Nevada School of Medicine, Las Vegas</td>
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<td></td>
<td>Marybeth Hogan, MD, University of Nevada School of Medicine, Las Vegas</td>
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<td>Sunset Center – Green Room</td>
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<tr>
<td>11:35 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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<td></td>
<td>Adolescent Medicine and General Pediatrics I – Carpenter Hall</td>
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<td>Cardiovascular I – Promenade Lobby</td>
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<td></td>
<td>Endocrinology and Metabolism I – Bingham #3</td>
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<td></td>
<td>Health Care Research I – Babcock #6</td>
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<td></td>
<td>Immunology and Rheumatology I – Chapman #4</td>
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<td>Infectious Diseases I – Conductor’s Room</td>
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<td></td>
<td>Neonatal Pulmonary I – Rehearsal Room</td>
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<td></td>
<td>Neonatology General I – Studio 105</td>
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<tr>
<td>2:35 pm – 3:25 pm</td>
<td>Carmel Research Prize Recipient Presentation I</td>
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<tr>
<td></td>
<td>Cinnamon S. Bloss, PhD, University of California San Diego</td>
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<tr>
<td></td>
<td>Henry Lee, MD, Stanford University</td>
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<tr>
<td></td>
<td>(all invited)</td>
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<td>Sunset Center - Studio 105</td>
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<td>3:30 pm – 6:00 pm</td>
<td>Concurrent Sessions</td>
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<td><strong>Sunset Center</strong></td>
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<tr>
<td>Cardiovascular II –</td>
<td>Promenade Lobby</td>
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<tr>
<td>Community Health I –</td>
<td>Carpenter Hall</td>
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<tr>
<td>Global Health –</td>
<td>Conductor’s Room</td>
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<tr>
<td>Hematology and Oncology I –</td>
<td>Green Room</td>
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<tr>
<td>Neonatal Pulmonary II –</td>
<td>Rehearsal Room</td>
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<tr>
<td>Neonatology General II –</td>
<td>Babcock #6</td>
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<tr>
<td>Neuroscience I –</td>
<td>Chapman #4</td>
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<tr>
<td>Pulmonary and Critical Care I –</td>
<td>Studio 105</td>
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<tr>
<td>Surgery I –</td>
<td>Bingham Room #3</td>
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<tr>
<td>6:00 pm – 7:30 pm</td>
<td>Welcome Reception and Poster Session</td>
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<td></td>
<td>Jointly sponsored by</td>
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<tr>
<td></td>
<td>WAFMR, WAP, WSCI, WSMRF, and WSPR</td>
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<tr>
<td></td>
<td>All welcome and encouraged to attend (Shuttle provided from Sunset Center)</td>
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<tr>
<td></td>
<td><strong>Carmel Mission Inn – Carmelo Ballroom:</strong></td>
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<tr>
<td></td>
<td>3665 Rio Road, Carmel, CA 93923</td>
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<tr>
<td>7:00 pm – 9:00 pm</td>
<td>Abbott Nutrition WSPR Reception</td>
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<td></td>
<td>Open to all WSPR members, trainees, and guests</td>
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<td></td>
<td><strong>Poseidon Room, La Playa Hotel</strong></td>
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<tr>
<td>7:00 pm – 9:00 pm</td>
<td><strong>WAP Council Meeting</strong></td>
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<td>(by invitation only)</td>
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<td></td>
<td><strong>St. Tropez Restaurant - Dolores Avenue between Ocean and Seventh</strong></td>
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<tr>
<td>7:00 pm – 9:00 pm</td>
<td><strong>WAFMR Business Meeting</strong></td>
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<td>(by invitation only)</td>
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<td><strong>Forge in the Forest</strong></td>
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<td>FRIDAY, JANUARY 29, 2016</td>
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<tr>
<td>7:00 am – 8:00 am</td>
<td>How Do I Join the WSMRF Student Board of Directors?</td>
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<td></td>
<td><strong>Carmel Mission Inn – Lobby</strong></td>
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<tr>
<td>8:00 am – 5:00 pm</td>
<td>Registration</td>
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<td></td>
<td><strong>Sunset Center – Entry Lobby</strong></td>
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<tr>
<td>8:00 am – 5:00 pm</td>
<td>Speaker Ready Room</td>
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<td><strong>Sunset Center</strong></td>
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<tr>
<td>8:00 am – 11:40 am</td>
<td>Joint Plenary Session</td>
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<td>Diseases without Borders</td>
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<td><strong>WAFMR, WSCI, WAP, and WSPR</strong></td>
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<td><strong>Sunset Center – Theater</strong></td>
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<tr>
<td></td>
<td><strong>WSCI Outstanding Investigator Award</strong></td>
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<td></td>
<td><strong>WSPR Abbott Nutrition David W. Smith Pediatric Trainee Research Award</strong></td>
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<td><strong>WSPR Abbott Nutrition Lowell Glasgow Student Research Award</strong></td>
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<td></td>
<td><strong>WSPR Abbott Nutrition Young Investigator Research Award</strong></td>
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<td><strong>WSPR Joseph W. St. Geme, Jr. Education Award</strong></td>
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<td></td>
<td><strong>E.E. Osgood Award</strong></td>
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<td></td>
<td><strong>WAFMR Outstanding Investigator Award</strong></td>
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<td><strong>WSPR Stanley Wright Lecture</strong></td>
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<td><strong>WAP Distinguished Lecture</strong></td>
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<td><strong>Mayo Soley Award Presentation</strong></td>
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<tr>
<td>11:15 am – 12:15 pm</td>
<td>Meet the Mentors: Lunch with Carmel Research Prize Recipients</td>
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<td>Panel Discussion</td>
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<td>(Intended for Students and Residents)</td>
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<tr>
<td></td>
<td>Cinnamon S. Bloss, PhD, University of California San Diego</td>
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<td></td>
<td>Henry Lee, MD, Stanford University</td>
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<td>Melanie Cree Green, MD, PhD, University of Colorado School of Medicine</td>
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<td></td>
<td>Jose R Suarez, MD, MPH, PhD, University of California San Diego</td>
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<td>(limited availability 45, Additional charge of $10 and lunch will be provided)</td>
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<td>Sunset Center - Studio 105</td>
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<tr>
<td>11:40 am – 12:30 pm</td>
<td>Investigator Workshop</td>
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<td>(Intended for Fellows and Jr. Faculty)</td>
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<td>(Additional charge of $10 and lunch will be provided)</td>
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<td>How To Pick a Good Scientific Question</td>
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<td>W. Conrad Liles, University of Washington</td>
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<td>Sunset Center – Green Room</td>
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<tr>
<td>11:40 am – 12:00 pm</td>
<td>WSCI Society Business Meetings</td>
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<td>Sunset Center – Theater</td>
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<tr>
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<td>WSPR Business Meeting</td>
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<td>Sunset Center – Theater</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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<td>Adolescent Medicine and General Pediatrics II – Studio 105</td>
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<td>Cardiovascular III – Promenade Lobby</td>
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<td>Endocrinology and Metabolism II – Bingham #3</td>
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<td>Gastroenterology – Babcock #6</td>
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<td>Genetics – Rehearsal Room</td>
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<td>Neonatal Pulmonary III – Carpenter Hall</td>
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<td>Neonatology General III – All Saints Church, Seccombe Hall</td>
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<td>Neonatology – Perinatal Biology I – Chapman #4</td>
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<td></td>
<td>Surgery II – Conductor’s Room</td>
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<td>1:00 pm – 5:30 pm</td>
<td>California Thoracic Society Meeting</td>
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<td>Quail Lodge</td>
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<td>8205 Valley Greens Drive, Carmel, CA 93923</td>
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<tr>
<td>2:35 pm – 3:25 pm</td>
<td>Carmel Research Prize Recipient Presentation II</td>
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<td></td>
<td>Melanie Cree Green, MD, PhD, University of Colorado School of Medicine</td>
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<td>Sunset Center - Studio 105</td>
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<td>3:30 pm – 6:00 pm</td>
<td>Concurrent Sessions</td>
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<td>Sunset Center</td>
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<td>Behavior and Development I - Chapman #4</td>
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<td>Community Health II – Promenade Lobby</td>
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<td>Health Care Research II – Babcock #6</td>
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<td></td>
<td>Hematology and Oncology II – Carpenter Hall</td>
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<td></td>
<td>Infectious Diseases II – Bingham Room #3</td>
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<td></td>
<td>Morphogenesis and Malformations – Rehearsal Room</td>
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<td></td>
<td>Neonatology General IV – All Saints Church, Seccombe Hall</td>
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<td>Nephrology and Hypertension – Green Room</td>
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<td>Neuroscience II – Conductor’s Room</td>
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<td>Surgery III – Studio 105</td>
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<td>ACTIVITY &amp; LOCATION</td>
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</table>
| 6:00 pm – 7:30 pm | University of Washington Reception  
All UW faculty, fellows, residents and students invited  
*Mission Ranch - 26270 Dolores Street* |
| 6:15 pm – 7:15 pm | Genetics and Morphology Club  
*Sunset Center – Rehearsal Room* |
| 6:30 pm – 9:30 pm | Western Respiratory Club Dinner  
*Quail Lodge - Ballroom*  
8205 Valley Greens Drive, Carmel, CA 93923 |
| 6:30 pm – 9:00 pm | Western Perinatal Club  
*LaPlaya Hotel* |

**SATURDAY, JANUARY 30, 2016**

<table>
<thead>
<tr>
<th>TIME</th>
<th>ACTIVITY &amp; LOCATION</th>
</tr>
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</table>
| 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 III – Rehearsal Room  
Community Health III – Conductor’s Room  
Endocrinology and Metabolism III – Bingham Room #3  
General Internal Medicine and Aging – Babcock #6  
Neonatology General V – Carpenter Hall  
Neonatology Perinatal Biology II – Studio 105  
Pulmonary and Critical Care II – Promenade Lobby  
Surgery IV – Green Room |
| 10:00 am – 10:15 am | Break |
| 10:15 am – 11:45 am | Concurrent Sessions  
*Sunset Center*  
Adolescent Medicine and General Pediatrics IV– Rehearsal Room  
Health Care Research III – Babcock #6  
Hematology and Oncology III – Green Room  
Immunology and Rheumatology II – Conductor’s Room  
Neonatal Pulmonary IV – Bingham Room #3  
Neonatology General VI – Carpenter Hall  
Neonatology Perinatal Biology III – Promenade Lobby  
Neuroscience III – Chapman #4 |
| 11:50 am – 2:00 pm | Society Officers Planning Meeting  
(by invitation only)  
*Sunset Center - Studio 105* |
| 1:30 pm – 5:30 pm | California Thoracic Society Meeting  
*Quail Lodge* |
CME Certification

This Live activity, 2016 Western Regional Meeting, with a beginning date of January 28, 2016, has been reviewed and is acceptable for up to 21.50 Prescribed credits by the American Academy of Family Physicians. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

AMA/AAFP Equivalency: AAFP Prescribed credit is accepted by the American Medical Association as equivalent to AMA PRA Category 1 credit(s)™ 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 1, 2016. If you do not receive your link to the evaluation in your email inbox, please contact us at admin@afmr.org. Original certificates for this conference may be claimed until February 29, 2016. 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
Kurt Albertine
Kathleen Angkustsiri
Jorge N. Artaza
Maralyssa Bann
Jennifer L. Barton
Michel Baudry
Arlin B. Blood
Yvette Bordelon
Laura D. Brown
Fred Buckner
Christopher Chang
Marie-Francoise Chesselet
Michel Chonchol
Keith K. Colburn
Lloyd Damon
Kevin Deane
Ian H. DeBoer
Thomas Deloughery
Sarah Dugan
Ravi Durvasula
Josephine M. Enciso
Erika Fernandez
Camille Fung
Renata Gallagher
Peter Ganz
David Gilbert
Joshua I. Goldhaber
Subhas Gupta
Kellie Hawkins
Deborah Huang
Kenneth E. Izuora
Vipul Jain
Lauren Jantzie
Marilyn Jones
Lisa Joss-Moore
Alberta Kong
Kristina Lee
Edward Lee
Henry C. Lee
Juan N. Lessing
W. Conrad Liles
Henry C. Lin
Carlin Long
Bryan J. McColgan
Philippe Montgrain
Yona Nicolau
Jorge Nieva
Lee Pu
Mary Ramos
Ann Reynolds
Robert S. Ross
Michael Schivo
Neil Sun Rhodes
Nicole Tartaglia
Kristina M. Utzschneider
David Viskochil
Raj Vyas
James Wallace
Craig Wong
Clyde Wright
2016 Western Regional Meeting Award Winners

Leslie Colip, University of New Mexico Health Science Center
Yasmin Aghajan, University of California, San Diego
McHale Anderson, University of Washington School of Medicine
Eleonore Breuning, BC Children’s Hospital
Amy Cruickshank, University of Oklahoma
Sarah Daley, University of Arizona
Shanlee Davis, University of Colorado
Sarah Dill, University of Colorado
Dawn Gano, University of California, San Francisco
Theodore Gobillot, Fred Hutchinson Cancer Research Center
Megan Gossling, University of Colorado
Linh Ho, University of Colorado School of Medicine
Lauren Jantzie, University of New Mexico
Naima Kotadia, University of British Columbia
Brooks Kuhn, UC Davis Medical Center
Julia Lee, UC Davis Medical Center
Jina Lim, University of California, Los Angeles
Ivy Lin, University of Arizona
Sonia Lin, University of Southern California
Katherine Lind, University of Colorado School of Medicine
Brianna MacQueen, University of Utah
Sidharth Mahapatra, University of Nebraska Medical Center
Deepi Mathur, LAC+USC Medical Center, Children’s Hospital Los Angeles
Natalia Moss, University of New Mexico
Dilip Nagarkar, University of Washington
Maide Ozen, Stanford University School of Medicine
David Pavlik, University of New Mexico
Amelie Peisl, University of Colorado Medical School
Edmund Posadas, University of California, San Diego
Melody Rasouli, University of Southern California Keck School of Medicine
Rebecca Rieger, University of New Mexico
Katya Rubinov, University of Washington
Maura Ruzhnikov, Stanford University
Takeishi Saito, University of Southern California
Lawrence Shioz, University of California, San Francisco
Ann Simones, University of Minnesota, Masonic Children’s Hospital
Sonia Solomon, Valley Children’s Hospital
Caitlin Stiglmeier, University of Utah, Mota Fofalia Children’s Hospital
Abhilasha Surampalli, University of California, Irvine
Clara Vu, Loma Linda University
Tarik Walker, University of Colorado School of Medicine
Brian Walsh, University of Colorado School of Medicine
Claudia Weinheimer, University of Utah
Theodore Wilson, University of Utah
Jonathan Yaghoubian, Western University of Health Sciences
Xin Yue, Cedars Sinai Medical Center
Evan Zahn, Cedars Sinai Medical Center

WSPR Mead Johnson Travel Award Winner
WAFMR/WAP Student Subspecialty Award Winner
WAFMR/WAP Student Subspecialty Award Winner
WAFMR Scholar Awardee
WAFMR Scholar Awardee
WAFMR/WAP Student Subspecialty Award Winner
WAFMR Scholar Awardee
WSCI Travel Award Winner
WSPR Mead Johnson Travel Award Winner
WAFMR/WAP Student Subspecialty Award Winner
WAFMR/WAP Student Subspecialty Award Winner
WAFMR Scholar Awardee
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WAFMR/WAP Student Subspecialty Award Winner
WAFMR Scholar Awardee
WSCI Travel Award Winner
WAFMR Scholar Awardee
WAFMR/WAP Student Subspecialty Award Winner
WSCI Travel Award Winner
WAFMR/WAP Student Subspecialty Award Winner
WAFMR Scholar Awardee
WAFMR Scholar Awardee
WAFMR/WAP Student Subspecialty Award Winner
Abbott Subspecialty Award
WSCI Travel Award Winner
Abbott Subspecialty Award
Abbott Subspecialty Award
WAFMR/WAP Student Subspecialty Award Winner
WAFMR Scholar Awardee
WAFMR/WAP Outstanding Resident Award Winner
Abbott Subspecialty Award
WAFMR/WAP Student Subspecialty Award Winner
Abbott Subspecialty Award
Abbott Subspecialty Award
WSCI Travel Award Winner
WAFMR/WAP Student Subspecialty Award Winner
WAFMR Scholar Awardee
WAFMR Scholar Awardee
WAFMR/WAP Student Subspecialty Award Winner
Abbott Subspecialty Award
Abbott Subspecialty Award
WSCI Travel Award Winner
WAFMR Scholar Awardee
WAFMR/WAP Student Subspecialty Award Winner
Abbott Subspecialty Award
WAFMR/WAP Student Subspecialty Award Winner
E.E. Osgood Award
WSCI Travel Award Winner
SPECIALTY CLUB ANNOUNCEMENTS

Friday, January 29, 2016

GENETICS AND MORPHOLOGY 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

6:00 PM – Reception

6:30 – 7:30 PM
Perinatal Briefing

DELAYED CORD CLAMPING: TRANSFERRING EVIDENCE INTO PRACTICE

Featured Speaker: Ryan McAdams, MD, University of Washington

Supported by Mead Johnson Nutrition
WESTERN ASSOCIATION OF PHYSICIANS

DISEASES WITHOUT BORDERS

Thursday, January 28, 2016
9:00 AM – 11:30 AM
Sunset Center – Studio 105

W. Conrad Liles and Ravi Durvasula, Presiding

9:00 THE GLOBAL LEISHMANIA EPIDEMIC: TRANSLATIONAL STRATEGIES FOR CONTROL.
Abhay Satoskar, Ohio State University School of Medicine

9:45 GLOBAL TRENDS IN CHAGAS DISEASE.
Caryn Bern, University of California, San Francisco School of Medicine

10:30 BREAK

10:45 GLOBAL BURDEN OF CARDIOVASCULAR DISEASE.
Gregory A. Roth, University of Washington

11:30 ADJOURN

11:35 WAP BUSINESS MEETING

INVESTIGATOR WORKSHOP

Thursday, January 28, 2016
11:35 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. Additional charge of $10 and lunch will be provided.

FINDING YOUR NICHE IN RESEARCH
Nevin Wilson, MD, University of Nevada School of Medicine, Las Vegas
Marybeth Hogan, MD, University of Nevada School of Medicine, Las Vegas

Sunset Center – Green Room
CONCURRENT SESSIONS

Thursday, January 28, 2016
12:30 PM – 2:30 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 I ................................................................. Carpenter Hall
Cardiovascular I ........................................................................................................... Promenade Lobby
Endocrinology and Metabolism I ................................................................................... Bingham #3
Health Care Research I .................................................................................................. Babcock #6
Immunology and Rheumatology I ................................................................................... Chapman #4
Infectious Diseases I ....................................................................................................... Conductor’s Room
Neonatal Pulmonary I .................................................................................................... Rehearsal Room
Neonatology – General I ............................................................................................... Studio 105

Adolescent Medicine and General Pediatrics I
Carpenter Hall (Sunset Center)
Craig Wong and Walter Debority, Presiding

12:30 PREDICTING HEIGHT IN A PEDIATRIC INTENSIVE CARE UNIT USING ULNAR LENGTH.
MA Rasouli, CJ Newth, RG Khemani and PA Ross, Los Angeles, CA. University of Southern California Keck
School of Medicine (Abbott Subspeciality Award)

Abstract 1

12:45 MODALITY OF TREATMENT OF PATIENTS WITH DIARRHEAL HUS IN ACUTE RENAL FAILURE
DOES NOT AFFECT LONG TERM OUTCOME AND SURVIVAL IN PEDIATRIC PATIENTS.
S Solomon, Fresno, CA. Valley Children’s Hospital (WSPR Outstanding Resident Award Winner)

Abstract 2

1:00 AN UNUSUAL PRESENTATION OF A HIGHLY MALIGNANT TUMOR.
S Bhoopalan and SU Das, Las Vegas, NV. University of Nevada School of Medicine

Abstract 3

1:15 COMPARISON OF HEAD CT USAGE BY PEDIATRIC EMERGENCY MEDICINE PROVIDERS IN
CHILDREN WITH HEAD INJURY BEFORE AND AFTER PECARN GUIDELINES.
K Morgan, M Hudkins, H Chandnani, D Chao and J Fisher, Las Vegas, NV; Loma Linda, CA and San Diego, CA.
University of Nevada School of Medicine

Abstract 4

1:30 A RETROSPECTIVE DATABASE REVIEW OF POTENTIAL RISK FACTORS, PREDICTORS AND
INCIDENCE OF POST-CONCUSSION SYNDROME IN PEDIATRIC PATIENTS.
Z Oleskey and M Mortazavi, Tucson, AZ. University of Arizona College of Medicine

Abstract 5

1:45 EVALUATING TRENDS IN HEADACHE AND REVISION SURGERY FOLLOWING CRANIAL V AULT
REMODELING FOR CRANIOSYNOSTOSIS.
E Pellicer, B Saltzmann and E Gallagher, Seattle, WA. University of Washington / Seattle Children’s Hospital

Abstract 6
2:00   ASSOCIATION BETWEEN MINIMAL RESIDUAL DISEASE AND MITOCHONDRIAL DNA IN CHILDHOOD B-CELL LYMPHOMA.
T Shieh, M Ueoka, K Kaneta, C Nakamura, J Kuroda, M Agsalda-Garcia and B Shiramizu, Honolulu, HI. John A. Burns School of Medicine

Abstract 7

2:15   HOSPITAL COURSE OF PEDIATRIC PATIENTS ADMITTED FOR INTUSSUSCEPTION.
J Orosco and B Afghani, Anaheim, CA, Long Beach, CA and Irvine, CA. Children’s Hospital of Orange County

Abstract 8

Cardiovascular I
Promenade Lobby (Sunset Center)
Peter Ganz and Carlin Long, Presiding

12:30   DOES INFECTION TRIGGER THE IMMUNE SYSTEM FOR REJECTION OR ANTIBODY PRODUCTION AFTER HEART TRANSPLANTATION?
A Lipson, T Aintablian, M Hamilton and JA Kobashigawa, Los Angeles, CA. Cedars-Sinai Medical Center

Abstract 9

12:45   IS CHRONIC LUNG DISEASE FEV1/FVC <70% A MARKER FOR PROLONGED INTUBATION IMMEDIATELY POST-TRANSPLANTATION?
T Manayan, T Aintablian, S Siddiqui, M Hamilton and JA Kobashigawa, Los Angeles, CA. Cedars-Sinai Medical Center

Abstract 10

1:00   RESOURCE UTILIZATION IN THE STATE OF CALIFORNIA FOR NEONATES WITH HYPOPLASTIC LEFT HEART SYNDROME.
M Luu, PS Friedlich, J Votava-Smith, J Pruetz, R Subramanyan and A Lakshmanan, Los Angeles, CA. Children’s Hospital Los Angeles

Abstract 11

1:15   IS THE INCIDENCE OF ATRIAL SEPTAL DEFECTS INCREASED IN EXTREMELY LOW BIRTH WEIGHT INFANTS?
C Hayek, M Ebrahimi, R Cayabyab, M Uzunyan, R Ramanathan and B Siassi, Los Angeles, CA. LAC+ USC Medical Center

Abstract 12

1:30   TRANS-CATHETER CLOSURE OF PATENT DUCTUS ARTERIOSUS IN SEVERELY PREMATURE NEONATES: A NEW TECHNIQUE FOR A VEXING PROBLEM.
D Peck, E Zahn, R Garg, A Phillips, M McRae, C Simmons, P Nevin and K Basacker, Los Angeles, CA. Cedars-Sinai (WSCI Travel Award Winner)

Abstract 13

1:45   CELIAC TRUNK CALCIFICATION: ASSOCIATIONS WITH RISK FACTORS, SYSTEMIC CALCIFIED ATHEROSCLEROSIS, AND MORTALITY.
T Lin and M Allison, San Diego, CA. University of California, San Diego

Abstract 14

2:00   ORGAN TURN DOWN AT A SINGLE CENTER: DONOR HEART ORGAN TURN DOWN, IS IT RATIONAL?
E Norris, T Aintablian, M Hamilton and JA Kobashigawa, Los Angeles, CA. Cedars-Sinai Medical Center (WAFMR/WAP Student Subspecialty Award Winner)

Abstract 15
12:30 GROWTH HORMONE IS INVOLVED IN HUMAN COLON TUMOR GROWTH.
CA Bailey, V Chesnokova, S Zonis and S Melmed, Chino Hills, CA and Los Angeles, CA. Cedars-Sinai Medical Center

12:45 FOLLISTATIN PROTECTS AGAINST DIET-INDUCED OBESITY AND IMPROVES GLOBAL METABOLOMICS IN ADIPOSE TISSUES.

1:00 ESCALATING DOSES OF TESTOSTERONE INCREASE LEAN BODY MASS AND HEMATOCRIT WITHIN THREE MONTHS, IN HEALTHY MEDICALLY CASTRATE MEN.
A Thirumalai, L Cooper, J Amory and S Page, Seattle, WA. University of Washington

1:15 CYSTIC FIBROSIS RELATED DIABETES IS A PREDICTOR OF INCREASED INCIDENCE OF CHRONIC PSEUDOMONAS AERUGINOSA.
MA Szkudlinska, M Crull, E Caldwell, ML Aitken and CH Goss, Seattle, WA. University of Washington

1:30 NON-ALCOHOLIC FATTY LIVER DISEASE IN OBESE ADOLESCENT GIRLS IS ASSOCIATED WITH INSULIN RESISTANCE AND PREDICTORS OF CARDIOMETABOLIC DISEASE.
RL Sewell, L Pyle, A Scherzinger, M Cree-Green and K Nadeau, Aurora, CO. University of Colorado School of Medicine

1:45 THE EFFECT OF OBESITY AND INSULIN RESISTANCE ON REPRODUCTIVE FUNCTION IN EARLY PUBERTAL BOYS.
M Tsang, K Nadeau, A Hilkin, J Chosich, PE Zeitler, N Santoro and M Kelsey, Berkeley, CA and Aurora, CO. University of California, Berkeley

12:30 INTENSE THERAPEUTIC ULTRASOUND IN THE MANAGEMENT OF PATIENTS WITH CHRONIC PLANTAR FASCITIS.
DN Christensen, L Latt and A McNelly, Tucson, AZ. University of Arizona

12:45 A BIOFEEDBACK SMART CANE TO REDUCE KNEE LOADING ASSOCIATED WITH OSTEOARTHRITIS.
M Hinchcliff, R Routson, A Segal, P Suri, J Czerniecki and P Aubin, Seattle, WA. University of Washington

1:00 A REVIEW OF THE CHARACTERISTICS OF VALIDATED QUALITY OF LIFE (QOL) PATIENT REPORTED OUTCOME MEASURES (PROMS) IN PAEDIATRIC PLASTIC SURGERY.
JM Roller, RJ Courtemanche and DJ Courtemanche, Vancouver, BC, Canada. British Columbia’s Children’s Hospital
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<tr>
<th>Time</th>
<th>Title</th>
<th>Authors</th>
<th>Institution</th>
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<tr>
<td>1:15</td>
<td>REDUCING EXPOSURE OF HEALTH CARE JANITORIAL WORKERS TO PERACETIC ACID, SPORICIDAL TO CLOSTRIDIUM DIFFICILE.</td>
<td>LW Raymond, P Klasting, M Daniel and J Fuller, Charlotte, NC. University of North Carolina, Chapel Hill</td>
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<td>1:30</td>
<td>EMERGENCY PHYSICIAN UTILIZATION OF ULTRASOUND IN ARIZONA.</td>
<td>MT Wyman, R Amini, NC Hernandez and S Adhikari, Tucson, AZ. University of Arizona College of Medicine</td>
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<td>1:45</td>
<td>EXPLORING PALLIATIVE CARE CONSULTATIONS IN THE NEURO-INTENSIVE CARE UNIT.</td>
<td>LN Tran, A Back and C Creutzfeldt, Seattle, WA. University of Washington School of Medicine</td>
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<td>2:00</td>
<td>FACTORS AFFECTING PATIENTS’ DISCUSSIONS ABOUT END-OF-LIFE CARE.</td>
<td>S Fakhri, R Engelburg, L Downey and JR Curtis, Covington, WA and Seattle, WA. University of Washington</td>
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<td>2:15</td>
<td>SEROLOGIC IMMUNITY AGAINST VARICELLA, MUMPS, RUBEOLA, RUBELLA AND HEPATITIS B IN HEALTH CARE APPLICANTS WITH INDETERMINATE IMMUNIZATION HISTORY.</td>
<td>LW Raymond, A McWilliams and L Crutchfield, Charlotte, NC. University of North Carolina, Chapel Hill</td>
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<td>12:30</td>
<td>ALTERATIONS IN THE COLONIC MICROBIOME PRECEDE THE DEVELOPMENT OF RHEUMATOID ARTHRITIS.</td>
<td>JD Hendrickson, G Mehta, N Banda, C Robertson, D Frank, K Demourelle, K Deane and K Kuhn, Aurora, CO. University of Colorado</td>
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<td>12:45</td>
<td>TREATMENT OF IGG4-RELATED PACHYMENINGITIS IN A PATIENT WITH STEROID INTOLERANCE: THE ROLE OF EARLY USE OF RITUXIMAB.</td>
<td>V Gospodarev, JR Câmara, V Chakravarthy, R Dietz, M Wood, A Perry, K De Los Reyes and R Raghavan, San Francisco, CA and Loma Linda, CA. Loma Linda University School of Medicine</td>
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<td>1:00</td>
<td>CLINICAL AND DEMOGRAPHIC FACTORS ASSOCIATED WITH FATIGUE IN SPONDYLOARTHITIS.</td>
<td>DT Nhan, J Walsh, A Reimold and L Caplan, Aurora, CO, Dallas, TX and Salt Lake City, UT. University of Colorado School of Medicine</td>
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<td>1:15</td>
<td>DETERMINING THE ROLE OF THE TYK2 PROTECTIVE VARIANT P1104A IN INTERLEUKIN-12 SIGNALING AND HELPER T CELL TYPE 1 POLARIZATION.</td>
<td>A Misakian, Seattle, WA. University of Washington School of Medicine</td>
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<td>1:30</td>
<td>SPUTUM IGG AND IGA ANTI-CYCLIC CITRULLINATED PROTEIN Antibodies in Subjects At Risk For Rheumatoid Arthritis.</td>
<td>L Ho, K Demoruelle, M Weisman, M Parish, M Mahler, A Seaman, J Norris, M Holers and K Deane, Littleton, CO; Los Angeles, CO and San Diego, CA. University of Colorado School of Medicine (WAFMR/WAP Student Subspeciality Award Winner)</td>
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<td>1:45</td>
<td>LABORATORY ASSAYS FOR AIDING THE DIAGNOSIS OF CHRONIC URTICARIA.</td>
<td>TB Martins, RA Teufel and HR Hill, Salt Lake City, UT. ARUP Institute for Clinical and Experimental Pathology</td>
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</table>
2:00 GRANZYM A IS INCREASED IN PLATELETS FROM OLDER ADULTS, LEADING TO IL-8 AND MCP-1 CYTOKINE SYNTHESIS BY TARGET MONOCYTES.  
A Bhatnagar, R Campbell, B Manne, A Weyrich and MT Rondina, Sandy, UT. University of Utah  
Abstract 37

2:15 TUMOR NECROSIS FACTOR-ALPHA (TNF-A) RESPONSE AND MYCOBACTERIUM TUBERCULOSIS (MTB) REPLICATION IN HSP90B1 KNOCKDOWN MACROPHAGES.  
A Ajuogu, A Graustein and T Hawn, Seattle, WA. University of Washington  
Abstract 38

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

12:30 USE OF ANTIBIOTICS IN TREATMENT OF CHILDREN DIAGNOSED WITH ESCHERICHIA COLI 0157: H7 DIARRHEA AND RISK OF DEVELOPING HEMOLYTIC UREMIC SYNDROME (HUS): REVIEW OF THE LITERATURE.  
NN More, N Cheranda, J Rozenblit, J Kim, Y Kim, N Baskaran, M Vyakaranam and B Afghani, Irvine, CA and Orange, CA. University of California, Irvine  
Abstract 39

12:45 HIV TESTING, STATUS, AND TREATMENT AMONG PATIENTS AT THE UGANDA CANCER INSTITUTE.  
M Ghadrshenas, R Bender Ignacio and A Duerr, Seattle, WA. University of Washington  
Abstract 40

1:00 NON-TYPE B HAEMOPHILUS INFLUENZAE PYOGENIC ARTHRITIS IN CHILDREN.  
DF Pavlik, JJ Johnston and W Dehority, Albuquerque, NM. University of New Mexico  
Abstract 41

1:15 ROLE OF IGG SUBCLASSES IN MUCOSAL DEFENSE OF STREPTOCOCCUS PNEUMONIAE.  
M Wu, J Rahkola and E Janoff, Aurora, CO. University of Colorado Denver  
Abstract 42

1:30 USE OF ANTIBIOTICS RESERVED FOR RESISTANT GRAM-NEGATIVE INFECTIONS AT FREE-STANDING U.S. CHILDREN’S HOSPITALS FROM 2004 TO 2014.  
M Jelic, AL Adler, A Miles-Jay, SJ Weissman, MP Kronman and DM Zerr, Seattle, WA. University of Washington  
Abstract 43

1:45 CYTOTOXIC FUNCTION OF ANTIBODIES PRODUCED BY HIV-SPECIFIC B-CELLS IN AN INFECTED INFANT.  
T Gobillot, C Simonich and J Overbaugh, Seattle, WA. Fred Hutchinson Cancer Research Center (WAFMR/WAP Student Subspecialty Award Winner)  
Abstract 44

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

12:30 NEONATAL LUNG EXPRESSION OF IL-1 ALPHA IN RESPONSE TO SYSTEMIC INFLAMMATION.  
BE Butler, S McKenna and C Wright, Denver, CO. University of Colorado  
Abstract 45

12:45 YAP-HIPPO VASCULAR SIGNALING DRIVES LUNG MORPHOGENESIS AND IS DYSREGULATED IN HYPEROXIA-INDUCED NEONATAL LUNG INJURY.  
MS Sandoval, T Shishoian, R Sakurai, E Tsai, R Stockton and VK Rehan, Torrance, CA. Los Angeles Biomedical Research Institute  
Abstract 46
1:00  CORRECTION FOR ALTITUDE SIGNIFICANTLY CHANGES REPORT RATES FOR BRONCHOPULMONARY DYSPLASIA.
K Gulliver and B Yoder, Salt Lake City, UT. University of Utah
Abstract 47

1:15  TARGETED INVESTIGATION OF NOVEL MESENCHYMAL STEM CELL BIOMARKERS OF BRONCHOPULMONARY DYSPLASIA IN PREMATURELY BORN INFANTS.
RG LaGrandeur, F Bany-Mohammed, C Uy, DM Cooper and M Aslam, Orange, CA. University of California Irvine Medical Center
Abstract 48

1:30  NEONATAL HEPATIC COX2 EXPRESSION IS MEDIATED VIA AN NFκB-DEPENDENT MECHANISM FOLLOWING INFLAMMATORY STRESS.
S McKenna, BE Butler and CJ Wright, Aurora, CO. University of Colorado
Abstract 49

1:45  EFFECT OF ELECTRO-ACUPUNCTURE ON OFFSPRING LUNG DEVELOPMENT FOLLOWING NICOTINE EXPOSURE DURING PREGNANCY AND LACTATION.
R Sakurai, J Liu and VK Rehan, Torrance, CA. Los Angeles Biomedical Research Institute at Harbor-UCLA Medical Center
Abstract 50

2:00  TREATMENT WITH AN ANTI-SFLT-1 MONOClonAL ANTIBody IMPROVES LUNG STRUCTURE AND PREVENTS PULMONARY HYPERTENSION IN AN EXPERIMENTAL MODEL OF BRONCHOPULMONARY DYSPLASIA DUE TO PREECLAMPSIA IN INFANT RATS.
A Peisl, G Seedorf, B Wallace, D Keefe and SH Abman, Aurora, CO and Cambridge, MA. University of Colorado Medical School (Abbott Subspecialty Award)
Abstract 51

2:15  LARYNGEAL MASK AIRWAY FOR SURFACTANT ADMINISTRATION IN NEONATES.
KD Roberts, N Finer, A Lampland, T Leone, J Tipnis, T Merritt, E Stepka, J Kessel, W Rich, K Rudser, R Brown and M Mammel, Minneapolis, MN, St Paul, MN; San Diego, CA, Loma Linda, CA, and Madison, WI. University of Minnesota Masonic Children’s Hospital
Abstract 52

Neonatology General I
Studio 105 (Sunset Center)
Carlos Ramos and Erika Fernandez, Presiding

12:30  THE SPLANCHNIC-CEREBRAL OXYGENATION RATIO DECREASES DURING FEEDINGS IN ANEMIC PRETERM INFANTS.
K Braski, M Loertscher, C Rau, K Weaver Lewis and M Baserga, Salt Lake City, UT and Murray, UT. University of Utah
Abstract 53

12:45  BLEEDING RISK FACTORS IN NEONATES RECEIVING FISH OIL FOR INTESTINAL FAILURE ASSOCIATED LIVER DISEASE.
KM Keegan, RS Venick, JC Dunn, SB Shew, G Wegryn and KL Calkins, Los Angeles, CA. University of California, Los Angeles
Abstract 54

1:00  CLINICAL FACTORS RELATED TO NEONATAL GROWTH IN CONGENITAL DIAPHRAGMATIC HERNIA.
RH Beckert, L Lusk, EJ Yee and R Keller, Washington and San Francisco, CA. University of California, San Francisco
Abstract 55

1:15  EFFECTS OF PREMATUREY, BIRTH WEIGHT AND POSTNATAL AGE ON PRETERM INFANTS’ HYPERCALCIURIA.
S Malone Jenkins, G Chan, M Grinsell and K Weaver Lewis, Salt Lake City, UT and Murray, UT. University of Utah
Abstract 56
1:30 EVALUATING ALTERNATIVE APPROACHES TO THE MANAGEMENT OF INFANTS BORN TO MOTHERS WITH CHORIOAMNIONITIS.
A Jan, R Ramanathan and R Cayabyab, Los Angeles, CA. LAC+USC Medical Center

1:45 LOW FREQUENCY RHYTHMIC WOMB-LIKE SOUNDS MODIFY AUTONOMIC ACTIVITY IN PREMATURE NEONATES.
JF Parga, RM Harper, H Karp, K Kesavan and L Zeltzer, Santa Monica, CA and Los Angeles, CA. David Geffen School of Medicine at UCLA

2:00 REGIONALIZATION OF CARE AND OUTCOMES FOR NEONATES WITH CONGENITAL DIAPHRAGMATIC HERNIA IN CALIFORNIA 2006-2010.
ASON, PS Friedlich, R Chapman, R Burke, J Upperman, J Stein and A Lakshmanan, Los Angeles, CA. Children’s Hospital Los Angeles

2:15 EFFECTS OF NEONATAL PHOTOTHERAPY ON PRODUCTION OF KERATIN 6A IN HUMAN FETAL SKIN.
J Foreman, S McConaghy, B Zlotoff, S Stepenaskie and RK Ohls, Albuquerque, NM. University of New Mexico School of Medicine
CARMEL RESEARCH PRIZE RECIPIENT PRESENTATION I

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WESTERN STUDENT MEDICAL RESEARCH FORUM

Sunset Center – Studio 105
Thursday, January 28, 2016
2:35 PM – 3:25 PM

Ravi Durvasula and W. Conrad Liles, Presiding

2:35 IMPACT OF PRIVACY ENVIRONMENTS FOR PERSONAL HEALTH DATA ON PATIENTS.
Cinnamon S. Bloss, PhD, University of California San Diego

3:00 STUDYING THE TRANSLATION OF EVIDENCE INTO PRACTICE AND IMPLEMENTATION IN PERINATAL MEDICINE.
Henry Lee, MD, Stanford University

CONCURRENT SESSIONS
Thursday, January 28, 2016
3:30 PM – 6:00 PM

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WESTERN STUDENT MEDICAL RESEARCH FORUM

Cardiovascular II ................................................. Promenade Lobby
Community Health I .............................................. Carpenter Hall
Global Health ..................................................... Conductor’s Room
Hematology and Oncology I ................................. Green Room
Neonatal Pulmonary II ......................................... Babcock Room #6
Neonatology General II ........................................ Chapman #4
Neuroscience I ..................................................... Studio 105
Pulmonary and Critical Care I ............................... Bingham Room #3
Surgery I ........................................................... Bingham Room #3

Cardiovascular II
Promenade Lobby (Sunset Center)
Robert S. Ross and Peter Ganz, Presiding

3:30 State-of-the-Art Speaker
BIOLOGY OF CARDIOVASCULAR AGING.
Peter Ganz, University of California, San Francisco

4:00 PEDIATRIC EKG TEACHING IN UCSF FRESNO PEDIATRIC RESIDENCY.
R Manalo, Fresno, CA. University of California, Fresno

Abstract 61
4:15 VENTRICULAR FIBRILLATION WAVEFORM MEASURES DO NOT DISTINGUISH BETWEEN ISCHEMIC AND NON-ISCHEMIC ETIOLOGY OF CARDIAC ARREST.  
D Hidano, J Coult and TD Rea, Seattle, WA. University of Washington School of Medicine  
Abstract 62

4:30 EFFECTS OF TUMOR NECROSIS FACTOR-α IN AN IN VITRO MODEL OF AORTIC VALVE STENOSIS.  
J Lim, A Elsanipour, A Wu, J Lu, T Pedego, C Walthers, S Seidlits, L Demer and Y Tintut, Los Angeles, CA. University of California, Los Angeles (WAFMR Scholar Awardee)  
Abstract 63

4:45 THE IMPACT OF CARDIAC TRANSPLANT REJECTION BY TIME POST-TRANSPLANTATION.  
K Bucher, T Aintablian, M Hamilton and JA Kobashigawa, Los Angeles, CA. Cedars-Sinai Medical Center  
Abstract 64

5:00 IDENTIFYING DISABLED PATIENTS AFTER HEART TRANSPLANTATION: WHAT MAKES SENSE?  
A Aharonyan, T Aintablian, M Hamilton and JA Kobashigawa, Los Angeles, CA. Cedars-Sinai Medical Center  
Abstract 65

5:15 MATERNAL HIGH FAT DIET AND DEVELOPMENTAL ORIGINS OF MYOCARDIAL DYSFUNCTION.  
H Wilde, Y Yang, E Zinkhan, B Yu, L Joss-Moore and TA Miller, Salt Lake City, UT. University of Utah  
Abstract 66

5:30 CHARACTERIZATION OF HEART TRANSPLANT PATIENTS WITH RAPIDLY PROGRESSIVE CARDIAC ALLOGRAFT VASCULOPATHY.  
T Aintablian, G Rodriguez, M Hamilton and JA Kobashigawa, Los Angeles, CA. Cedars-Sinai Medical Center  
Abstract 67

5:45 SEIZURES POST HEART TRANSPLANTATION: WHAT ARE THE RISK FACTORS?  
K Soghoyan, T Aintablian, S Siddiqui, M Hamilton and JA Kobashigawa, Los Angeles, CA. Cedars-Sinai Medical Center  
Abstract 68

Community Health I

Carpenter Hall
Mary Barinaga, Presiding

3:30 EFFECTS OF BODY MASS INDEX, SELF PERCEPTION AND CULTURE ON SELF ESTEEM IN CHILDREN.  
KE Ta-ala, S Riantawan, M Chau, N Malika and M Baum, Loma Linda, CA. Loma Linda University  
Abstract 69

3:45 IMPLEMENTING TEAM-BASED HEALTH PROMOTION PROGRAMS FOR YOUTH IN OREGON CORRECTIONAL FACILITIES.  
E McCallum, M Smith, D Elliot, L Goldberg, K Racer and R Martin, Portland, OR and Salem, OR. Oregon Health and Science University  
Abstract 70

4:00 A SURVEY ON COLLEGE STUDENTS SEEKING HEALTHCARE FROM A UNIVERSITY STUDENT HEALTH CENTER: USE AND INTERESTS IN COMPLEMENTARY AND ALTERNATIVE MEDICINE.  
J Nguyen, RJ Patel, MA Liu and AL Nguyen, Irvine, CA and Tucson, AZ. University of California, Irvine  
Abstract 71

4:15 ADDRESSING BEHAVIORAL HEALTH IN SENIOR CITIZENS THROUGH A PILOT LAUGHTER THERAPY CLUB IN PALMER, ALASKA.  
NK Munger, Seattle, WA. University of Washington School of Medicine  
Abstract 72
4:30 IMPROVING CONCUSSION EDUCATION, DIAGNOSIS, AND MANAGEMENT IN COULEE DAM, WA THROUGH THE DEVELOPMENT OF A PARTNERED CONCUSSION PROTOCOL.
K Unruh, Seattle, WA. University of Washington School of Medicine

4:45 EFFECTS OF FOOD AS POSITIVE REINFORCEMENT AND CHILD’S BODY MASS INDEX.
S Riantawan, KE Ta-ala, M Chau, N Malika and M Baum, La Habra, CA and Loma Linda, CA. Loma Linda University

5:00 PARENTAL GUIDANCE OF MEAL PORTIONS AND CHILDHOOD OBESITY.
M Chau, KE Ta-ala, S Riantawan, N Malika and M Baum, Loma Linda, CA. Loma Linda University School of Medicine

5:15 EXAMINING BARRIERS TO EARLY IDENTIFICATION OF ASD IN IMMIGRANT PEDIATRIC PRIMARY CARE PATIENTS.
TD Walker, Aurora, CO. University of Colorado School of Medicine (WAFMR Scholar Awardee)

5:30 A MULTIFACETED SUICIDE PREVENTION CAMPAIGN FOR RURAL MONTANA.
E Schiedermayer, Seattle, WA. University of Washington School of Medicine

5:45 LESSONS LEARNED FROM ADOLESCENT PEER EDUCATORS WORKING TO EFFECT CHANGE IN ADOLESCENT HEALTH BEHAVIORS.
C Fields, S Cardenas, G Bookman, K Colwell and R Kinman, Fresno, CA and Madera, CA. Fresno High School

Global Health
Conductor’s Room
Tom Nighswander, Presiding

86
5:00 FACILITY ASSESSMENT FOR MATERNAL AND NEONATAL HEALTH INTERVENTIONS IN RURAL NEPAL.
SM Folsom, B Fassl, A Sherpa, J Maddox, W Kopp and D Levy, Salt Lake City, UT and Phaplu, Nepal. University of Utah School of Medicine
Abstract 85

5:15 COMMUNITY PERCEPTIONS AND KNOWLEDGE OF MENTAL ILLNESS IN RURAL KENYA.
N Kotadia, S Walton, L Matheson, D Webster and V Kapoor, Vancouver, BC, Canada. University of British Columbia (WAFMR/WAP Student Subspecialty Award Winner)
Abstract 86

5:30 IMPROVING THE HEALTH OF WOMEN & CHILDREN IN MIGRANT COMMUNITIES.
C Stiglmeier, M Patel and B Fassl, Syracuse, NY and Sinor Taluka, India. University of Utah (WSCI Travel Award Winner)
Abstract 87

5:45 A COMMUNITY-DRIVEN PILOT PROGRAM TO INCREASE BASIC PEDIATRIC HEALTH KNOWLEDGE AMONGST CHILD CARETAKERS IN KARAGITA, KENYA.
TF Siegert, Seattle, WA. University of Washington School of Medicine
Abstract 88

Hematology and Oncology I
Green Room (Sunset Center)
Thomas Deloughery, Presiding

3:30 REGION OF INTEREST IDENTIFICATION AND DIAGNOSTIC ACCURACY IN BREAST PATHOLOGY.
DB Nagarkar, E Mercan, D Weaver, M Rendi, P Frederick, T Brunye and J Elmore, Seattle, WA; Burlington, VT and Medford, MA. University of Washington (WAFMR/WAP Student Subspecialty Award Winner)
Abstract 89

3:45 A NOVEL PEPTIDE-CONJUGATE THAT ACCUMULATES IN SARCOMA FLANK TUMORS AND PREVENTS TUMOR CELL GROWTH IN VITRO.
T Sottero, E Girard, C Correnti, M Stroud and J Olson, Seattle, WA. University of Washington
Abstract 90

4:00 DEPYROGENATED CHITOSAN AND IL-12 CURE SUPERFICIAL BLADDER CANCER IN A MURINE MODEL.
M Dopp, Loma Linda, CA. Loma Linda University
Abstract 91

4:15 DISPARITIES IN THE PRESENTATION AND TREATMENT OF NON-SMALL CELL LUNG CANCER: A STUDY COMPARING A COUNTY FACILITY WITH A SPECIALIZED CANCER CENTER.
S Lin, G In and J Nieva, Arcadia, CA. University of Southern California (WSCI Travel Award Winner)
Abstract 92

4:30 CLOSING THE GAP: ONLINE ONCOLOGY RESOURCES FOR MEDICAL STUDENTS.
L Wang, T Kong, W Tran and P Inglede, Kelowna, BC, Canada; Surrey, BC, Canada and Vancouver, BC, Canada. University of British Columbia
Abstract 93

4:45 INVESTIGATING THE RELATIONSHIP OF BILE ACIDS AS TUMOR SUPPRESSING AGENTS IN COLORECTAL ADENOCARCINOMA.
DJ Reyes, J Trujillo, S Centuori and J Martinez, Tucson, AZ. University of Arizona
Abstract 94

5:00 HEMOGLOBINOPATHIES, DIABETES, AND AMERICAN INDIANS AND ALASKA NATIVES.
J Keane, A Hunt and E Ezeanolue, Las Vegas, NV University of Nevada, Las Vegas
Abstract 95
**5:15 INDICATIONS FOR POST-MASTECTOMY RADIATION (PMRT) FOLLOWING NEOADJUVANT CHEMOTHERAPY (NAC) IN YPN0 AND YPN1-3 AXILLARY NODE POSITIVE WOMEN.**

B Fowble, A Jairam, A Lazar, F Wang, A Peled, L Esserman and C Park, San Francisco, CA and Sacramento, CA. University of California, Davis School of Medicine

Abstract 96

**5:30 RETROSPECTIVE STUDY OF METASTATIC MELANOMA AND RENAL CELL CARCINOMA TO THE BRAIN WITH MULTIVARIATE ANALYSIS OF PROGNOSTIC PRE-TREATMENT CLINICAL FACTORS.**

EA Ferrel, AT Roehrig, E Kaya, J Carlson, B Ling and A Wagner, Spokane, WA. University of Washington

Abstract 97

**5:45 TEXT MESSAGING BASED INTERVENTION FOR IMPROVING RECEIPT OF SURVIVORSHIP CARE FOR ADOLESCENT AND YOUNG ADULTS (AYAS): A QUALITATIVE STUDY.**

JA Bryman, A Goyal, J Casillas, F Alquaddoomi and D Estrin, Peoria, IL; Westwood, CA and New York, NY. University of Illinois College of Medicine at Peoria

Abstract 98

**Neonatal Pulmonary II**

Rehearsal Room (Sunset Center)

Arlin B. Blood and Clyde Wright, Presiding

**3:30 SEX-SPECIFIC PERINATAL NICOTINE EXPOSURE-INDUCED AIRWAY PHENOTYPE IN MEDIATED BY DIFFERENTIAL PKC ISOFORM EXPRESSION IN MALES AND FEMALES.**

M Gong, J Liu, R Sakurai, NS Murty and V K Rehan, Torrance, CA. LA BioMed at Harbor-UCLA Medical Center

Abstract 99

**3:45 INTRAUTERINE GROWTH RESTRICTION INCREASES ESTRODIAL LEVELS IN RAT LUNG.**

RS Moore, C Weinheimer, Z Wang and L Joss-Moore, Salt Lake City, UT. University of Utah

Abstract 100

**4:00 ANALYSIS OF NOTCH PATHWAY COMPONENTS IN LUNG INNATE IMMUNITY CELLS IN PRETERM INFANTS.**

NS Bhopal, B Chan, A Fischer, D Mathur and P Minoo, Los Angeles, CA. LAC+USC Medical Center & Children’s Hospital Los Angeles

Abstract 101

**4:15 INSULIN-LIKE GROWTH FACTOR-1 DOWNSTREAM SIGNALING IS DISRUPTED IN THE LUNG BY PREMATURE BIRTH AND PROLONGED MECHANICAL VENTILATION OF PREMATURE LAMBS.**

C Miers, M Dahl, S Bowen, L Dong, Z Wang, D Null, B Yoder and K Albertine, Salt Lake City, UT and Davis, CA. University of Utah

Abstract 102

**4:30 State-of-the-Art Speaker**

**DIAGNOSIS OF BPD: STRENGTHS AND LIMITATIONS.**

Roberta Keller, University of California, San Francisco

**5:00 A 3-DIMENSIONAL HUMAN MODEL OF BRONCHOPULMONARY DYSPHASIC DEMONSTRATES NOTCH MEDIATED PATHOPHYSIOLOGY.**

J Sucre, D Wilkinson, P Vijayaraj, J Alva-Ornelas, M Paul, B Dunn and B Gomperts, Los Angeles, CA. David Geffen School of Medicine at UCLA

Abstract 103

**5:15 NASAL HIGH-FREQUENCY OSCILLATION PROVIDES ACCEPTABLE RESPIRATORY SUPPORT FOR PREMATURE LAMBS.**

M Dahl, K Zuspan, S Bowen, C Bradford, L Pettet, D Null, B Yoder and K Albertine, Salt Lake City, UT and Davis, CA. University of Utah

Abstract 104
5:30 CHRONIC AND ACUTE HYPOXIA MARKEDLY ALTER CA2+ SIGNALING IN ADULT AND FETAL PULMONARY ARTERIAL MYOCYTES.
K Cothran, S Sandy, M Romero, A Dubyns, R Paez, M Francis, M Taylor, L Longo, C Wilson and S Wilson, Loma Linda, CA; Riverside, CA and Mobile, AL. Loma Linda University

5:45 DECREASE IN INTUBATION RATES AFTER EARLY POSITIVE PRESSURE VENTILATION USING A MODIFIED NASAL CANNULA DURING NEONATAL RESUSCITATION OF LARGER PRETERM AND TERM INFANTS.
ER Wang, FB Wertheimer, R Ramanathan and M Biniwale, Los Angeles, CA. Keck School of Medicine of University of Southern California

Neonatology General II

Babcock #6 (Sunset Center)
Mariana Baserga and Rowena Cayabyab, Presiding

3:30 LIMB PROPRIOCEPTIVE STIMULATION DECREASES INTERMITTENT HYPOXIA AND BRADYCARDIA IN PREMATURE NEONATES.
K Kesavan, P Frank, P Benharash and R Harper, Los Angeles, CA. University of California, Los Angeles

3:45 IN VIVO INDUCTION OFHEME OXYGENASE-1 BY ASPIRIN.
CM Konecny, S Wong, S Lu, K Fujikoa, F Kalish, H Zhao, RJ Wong and DK Stevenson, Stanford, CA and La Jolla, CA. Stanford University School of Medicine

4:00 LIMITING FEEDING DECREASES ALVEOLAR FORMATION IN THE LUNG OF PREMATURE LAMBS SUPPORTED BY NON-INVASIVE VENTILATION.

4:15 SURGERY DURING PHASE II RETINOPATHY OF PREMATURITY (ROP) LEADS TO MORE LASER INTERVENTION.
C Torr, B Yoder and J Beachy, Salt Lake City, UT. University of Utah

4:30 CORRELATION OF MRI BRAIN FINDINGS WITH SEVERITY OF NEURAL TUBE DEFECT IN PATIENTS WITH SPINA BIFIDA.
DL Heyliger and A Achiriloaie, Loma Linda, CA. Loma Linda University

4:45 LOWER BONE MINERALIZATION IN PRETERM INFANTS WITH NEPHROCALCINOSIS.
S Malone Jenkins, G Chan, M Grinsell and K Weaver Lewis, Salt Lake City, UT and Murray, UT. University of Utah

5:00 PREOPERATIVE AEEG ABNORMALITIES IN TERM NEONATES WITH COMPLEX CONGENITAL HEART DISEASE.
D Goff, A Pardo, P Pegis, D Deming and A Hopper, Loma Linda, CA. Loma Linda University Children’s Hospital

5:15 CUMULATIVE INTRAVENOUS MACRONUTRIENT DOSE AND PARENTERAL NUTRITION ASSOCIATED CHOLESTASIS IN PRETERM NEONATES AND NEONATES WITH GASTROINTESTINAL DISORDERS.
B Abebe, G Wegryn, T Grogan, M Flores and KL Calkins, Los Angeles, CA. UCLA Mattel Children’s Hospital

5:30 MORTALITY AND MORBIDITIES ASSOCIATED WITH PERSISTENT PATENT DUCTUS ARTERIOSUS IN EXTREMELY LOW BIRTH WEIGHT INFANTS.
P Shastry, S Vaikunth, B Siassi, S Bhombal, L Barton, R Ramanathan and R Cayabyab, Glendale, CA and Los Angeles, CA. LAC+USC Medical Center, Keck School of Medicine
5:45 ANTENATAL FACTORS ASSOCIATED WITH COMBINED CEREBELLAR AND INTRAVENTRICULAR HEMORRHAGE IN PRETERM NEONATES.
LK Lee, M Shiroishi, L Vachon, R Cayabyab and R Ramanathan, Los Angeles, CA. USC/CHLA

Abstract 116

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

3:30 5-HT6 RECEPTORS IN THE INDIRECT BUT NOT DIRECT STRIATAL PATHWAY REGULATE COCAINE REINFORCEMENT.
A Gibson, M Brodsky and J Neumaier, Seattle, WA. University of Washington

Abstract 117

3:45 MICROGLIA ACTIVATION AND PROLIFERATION IN ISCHEMIC PRECONDITIONING.
RE Dodge and JR Weinstein, Seattle, WA. University of Washington

Abstract 118

4:00 OPTOGENETIC STUDIES OF RESPIRATORY RHYTHM GENERATION IN TRANSGENIC MICE.
BP Mosher, M Tariq, H Koizumi, N Koshiya, R Zhang and J Smith, Seattle, WA and Bethesda, MD. University of Washington

Abstract 119

4:15 C-JUN N-TERMINAL KINASE SIGNALING IN CHRONIC EPILEPSY.
R Boehm, F Concepcion and N Poolos, Seattle, WA. University of Washington

Abstract 120

4:30 VALIDATION OF THE USE OF A BEHAVIORAL PAIN ASSESSMENT TOOL WITH BRAIN-INJURED ICU PATIENTS.
CG Steiner, B McNulty, R Marsh, C Gélinas and A Joffe, Seattle, WA and Montreal, QC, Canada. University of Washington

Abstract 121

4:45 ASSOCIATIONS BETWEEN SOMATOSENSORY EVOKED POTENTIALS AND CLINICAL DIAGNOSES IN MULTIPLE SCLEROSIS.
AE Kloss, Seattle, WA. University of Washington

Abstract 122

5:00 NEURAL RESPONSES DURING REFLEXIVE BLINKING ARE ABNORMAL IN BLEPHAROSPASM.
D Kelly, B Berman and E Shelton, Aurora, CO. University of Colorado Anschutz Medical Campus

Abstract 123

5:15 PROTEOLIPID PROTEIN LABELING OF EXTRACELLULAR VESICLES.
GD Fliney, D Harlow and K Saul, Aurora, CO. University of Colorado

Abstract 124

5:30 EFFECTS OF HYDROGEN PEROXIDE AND PHENYL BUTYRATE ON MITOCHONDRIAL MEMBRANE POTENTIAL IN DOPAMINE NEURON.
O Gordon, W Zhou, A D’Alessandro, T Nemkov, K Hansen and C Freed, Boulder, CO and Aurora, CO. University of Colorado

Abstract 125

5:45 UNIQUE HYPEROXIA TOLERANT RATS ARE LESS ANXIOUS AND HAVE LARGER HIPPOCAMPI.
KA Baer, PV Wilson, N Busquet, M Mesches, K Huber, N Serkova, A Newman, K Repine, Q He, A Fernandez-Bustamante and JE Repine, Aurora, CO. Webb-Waring Center, University of Colorado Anschutz Medical Center

Abstract 126
3:30  CHANGES IN FRAILTY ARE ASSOCIATED WITH DISABILITY AFTER LUNG TRANSPLANT.
P Shrestha, A Soong, D Huang, M Mindo, L Leard, J Golden, P Blanc, S Hays, J Kukreja and J Singer, San Francisco, CA. *University of California, San Francisco*  
Abstract 127

3:45  THE IMPACT OF LUNG TRANSPLANTATION ON QUALITY-ADJUSTED LIFE YEARS.
D Huang, P Shrestha, A Soong, L Leard, S Hays, J Golden, J Kukreja, P Blanc and J Singer, San Francisco, CA. *University of California*  
Abstract 128

4:00  LUNG TRANSPLANTATION IMPROVES HEALTH-RELATED QUALITY OF LIFE IN PATIENTS WITH ADVANCED LUNG DISEASE.
A Soong, P Shrestha, D Huang, M Mindo, L Leard, J Kukreja, P Blanc, S Hays, J Golden and J Singer, San Francisco, CA. *University of California, San Francisco*  
Abstract 129

4:15  INVESTIGATING THE IMPACT OF LIVING ENVIRONMENT ON PAP ADHERENCE.
HS Liou, V Kapur and M Billings, Seattle, WA. *University of Washington*  
Abstract 130

4:30  MUSCLE ATROPHY AND CLINICAL OUTCOMES IN CRITICALLY ILL PATIENTS.
A Lin, L Gonzalez-Cuyar, A Bunnell and C Hough, Seattle, WA. *University of Washington*  
Abstract 131

4:45  EFFECTS OF ULTRASOUND TRAINING DURING YEAR-2 OF MEDICAL SCHOOL ON YEAR-3 MEDICAL STUDENTS.
R Krause, R Krause, C Krause and V Dinh, Loma Linda, CA. *Loma Linda University*  
Abstract 132

5:00  EFFECTIVENESS OF ANIMATED SIMULATION FOR TEACHING ULTRASOUND TO MEDICAL STUDENTS.
V Dinh, J Avila, MS Douglas, R Krause and D Sheldon, Redlands, CA and Lexington, KY. *Loma Linda University School of Medicine*  
Abstract 133

5:15  EFFECTS OF STUDENT-PERFORMED POINT-OF-CARE ULTRASOUND ON PHYSICIAN DIAGNOSIS AND MANAGEMENT IN THE EMERGENCY DEPARTMENT.
AJ Sumnicht, D Udrea, L Villarreal, D Lo, S Gondra-Sanabria, R Chyan and V Dinh, Loma Linda, CA. *Loma Linda University*  
Abstract 134

5:30  MEDICAL STUDENT-PERFORMED POINT-OF-CARE ULTRASOUND: THE EFFECT ON PATIENT SATISFACTION IN THE EMERGENCY DEPARTMENT.
D Lo, L Villarreal, AJ Sumnicht, S Gondra-Sanabria, D Udrea, R Chyan and V Dinh, Cherry Valley, CA. *Loma Linda University*  
Abstract 135

5:45  CONCURRENT BIRT-HOGG-DUBÉ SYNDROME AND SARCOIDOSIS.
BT Kuhn and R Harper, Sacramento, CA. *University of California, Davis Medical Center (WAFMR Scholar Awardee)*  
Abstract 136
Surgery I
Bingham Room #3 (Sunset Center)
Subhas Gupta and Lee Pu, Presiding

3:30  ASSESSMENT OF A NOVEL, PORTABLE, TABLET-BASED SCANNER FOR THE THREE-DIMENSIONAL IMAGING OF THE FACE.
L Kim, P Lewis and S Gupta, Redlands, CA. Loma Linda School of Medicine

3:45  CROWDSOURCING FOR PATIENT-REPORTED OUTCOMES AFTER BREAST RECONSTRUCTION: A NOVEL TOOL FOR UNDERSTANDING THE PATIENT EXPERIENCE.
Y Lin, CV Vu and S Gupta, Loma Linda, CA. Loma Linda University (WAFMR/WAP Student Subspecialty Award Winner)

4:00  ADIPOSE DERIVED HUMAN MESENCHYMAL STEM CELL INJECTIONS IMPROVE ACHILLES TENDON HEALING IN A RAT MODEL.
SK Devana, O McBride, C Eliasberg, T Kowalski, S Park, F Petrigliano and N Soohoo, Los Angeles, CA. David Geffen School of Medicine at UCLA

4:15  ANTERIOR CLOSING WEDGE PROXIMAL TIBIA OSTEOTOMY TO REDUCE ANTERIOR CRUCIATE LIGAMENT FORCE AND KNEE INSTABILITY.
J Mathew, D Boguszewski, E Cheung, K Yamaguchi, K Markolf, D McAllister and F Petrigliano, Los Angeles, CA. David Geffen School of Medicine at UCLA

4:30  A RETROSPECTIVE AUDIT OF THE TREATMENT AND RECOVERY OF BREAST CANCER PATIENTS: BUILDING A PRELIMINARY BUNDLED PAYMENT MODEL FOR BREAST CANCER.
Y Lin and S Gupta, Yorba Linda, CA. Loma Linda University School of Medicine

4:45  ENDOSCOPIC AND OPEN VEIN HARVESTING TECHNIQUES PRODUCED SIMILAR VEIN QUALITY AND MAJOR ADVERSE CARDIAC EVENTS AT 5 YEAR FOLLOW-UP.
B Santi, J Chen, J Wu, M Chen, L Uhr and J Lee, Santa Clara, CA; Honolulu, HI and Boston, MA. Santa Clara University

5:00  STEPPING OUT OF THE SHADOW: INVESTIGATING A TEACHER-LEARNER CONTRACT FOR OBSERVERSHIPS IN THE CLINICAL SETTING.
KD Souza, D Cojocaru, V Ye, D Duffy, G Wärnock and G Blair, Vancouver, BC, Canada. University of British Columbia

5:15  PATIENT SPECIFIC 3D PRINT MODELS IMPROVE DEFORMITY CORRECTION AFTER PROXIMAL FEMORAL OSTEOTOMY FOR SLIPPED CAPITAL FEMORAL EPIPHYSIS.
L Cherkassky, JP Caffrey, AF Szewczyk, E Cory, JD Bomar, C Farnsworth, M Jeffords, RL Sah and VV Upasani, La Jolla, CA and San Diego, CA. University of California San Diego

5:30  WRIST MOTION VARIATION BETWEEN NOVICES AND EXPERIENCED SURGEONS PERFORMING SIMULATED AIRWAY SURGERY.
EJ Callaban, R Bly, K Moe, K Johnson, N Aghdasi, I Bohannon, B Hannaford and MG Sardesai, Kirkland, WA and Seattle, WA. University of Washington

5:45  FABRICATIONS IN THE FOUNTAIN OF YOUTH: EVALUATION OF COLLAGEN INDUCTION CLAIMS IN PRODUCT ADVERTISING.
C Johnson and S Gupta, Loma Linda, CA. Loma Linda University
WELCOME RECEPTION AND POSTER SESSION

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

Carmel Mission Inn – Carmelo Ballroom
Thursday, January 28, 2016
6:00 PM – 7:30 PM
(Presenters in attendance at their posters from 6:15 – 7:15 pm)
Shuttle service from Sunset Center to Carmel Mission Inn provided

Adolescent Medicine and General Pediatrics
Cardiovascular
Community Health
Endocrinology and Metabolism
General Internal Medicine and Aging
Health Care Research
Hematology and Oncology
Infectious Diseases
Neonatal Pulmonary
Neonatology General
Pulmonary & Critical Care Adult
Surgery

Poster
Number

Adolescent Medicine and General Pediatrics

1 COMMUNITY HEALTH ASSESSMENT OF INFANTS IN RURAL INDIA.
A Allen, C Orlando, D Shapiro, M Parkinson and B Fassl, Salt Lake City, UT. University of Utah School of Medicine

Abstract 147

2 PARTNERSHIP WITH THE DISCOVERY SCIENCE CENTER: TOWARDS INCREASING DIVERSITY IN HEALTHCARE AND THE INCLUSION OF THE SMOKING LUNGS MODEL.
JD Tran, CH Lee, CT Pham, MD Nava and B Afghani, Irvine, CA. University of California, Irvine School of Medicine

Abstract 148

Cardiovascular

3 IS ELECTROCARDIOGRAPH (EKG) NECESSARY FOR PRE-PARTICIPATION SCREENING OF ALL YOUNG ATHLETES?
MR Carrillo, Y Bade, M Garneni, A Shaik, O Cristian, A Joshi, E Kong and B Afghani, Irvine, CA; Huntington Beach, CA and Orange, CA. Creighton University

Abstract 149
4  USE OF MEDICAL MARIJUANA FOR TREATMENT OF PEDIATRIC PATIENTS WITH EPILEPSY.
MR Carrillo, GE Jennings, C Le, A Dong, D Devineni, R Sahafi, H Goo and B Afghani, Huntington Beach, CA; Irvine, CA and Orange, CA. Creighton University

5  PEDIATRICS CHEST PAIN AND UTILIZATION OF EXERCISE STRESS TEST AND ECHOCARDIOGRAM.
K Lam, M Dharmar and S Berger, Sacramento, CA and Sacramento, CA. University of California, Davis School of Medicine

6  LEFT VENTRICULAR SHAPE VARIATION IN PATIENTS WITH AORTIC COARCTATION PRE- AND POST-STENT IMPLANTATION.
A Ortiz, A Suinesiaputra, A Young, G Farrar, B Printz, H El-Said, J Moore, J Omens, A McCulloch, J Perry and S Hegde, Auckland, New Zealand; San Diego, CA and La Jolla, CA. University of California, San Diego

Community Health

7  CREATE CULTURALLY APPROPRIATE CERVICAL CANCER INFORMATIONAL MATERIAL TO DISTRIBUTE DURING CERVICAL SCREENINGS AND COMMUNITY OUTREACH EVENTS AT THE UGANDA CANCER INSTITUTE.
D Borin, Seattle, WA and Kampala, Uganda. University of Washington

8  DILLON, MONTANA: SEXUAL EDUCATION ADVANCEMENT.
N Broden, Great Falls, MT. University of Washington

9  EVALUATING THE CHALLENGES OF INTEGRATING HEALTH EDUCATION INTO A SCHOOL CURRICULUM IN RURAL INDIA.
B Cheung, K Shih, B Smith, M Smith, S Browne and D Raff, Burnaby, BC, Canada. University of British Columbia

10  PREVENTING CHILDHOOD OBESITY ON PRINCE OF WALES ISLAND: IDENTIFICATION OF BARRIERS THAT HINDER HEALTHY LIFESTYLES AT HOME AND TARGETING PARENTS IN OBESITY PREVENTION EFFORTS.
BD Dahms, Seattle, WA. University of Washington School of Medicine

11  CHILD NUTRITION EDUCATION FOR LIFELONG HEALTHY EATING HABITS IN MÀI DÀM COMMUNE, VIETNAM.
LM Daudt, Seattle, WA. University of Washington

12  SNAKE RIVER COMMUNITY CLINIC MINDFULNESS PROGRAM.
K Hedlund, Seattle, WA. University of Washington School of Medicine

13  THE FIVE-YEAR CUMULATIVE INCIDENCE OF BURNS IN UGANDA: EARLY OUTCOMES OF A CROSS-SECTIONAL HOUSEHOLD SURVEY.
AS Maccan, A Ribeiro, M Caulfield, A Rajwani, J Huebner, M Ario, P Laker, J Siever, MM Ajiko, N O’Hara and R Evans, Chilliwack, BC, Canada; Soroti, Uganda and Vancouver, BC, Canada. University of British Columbia

14  ASSESSMENT OF PERINATAL AND PEDIATRIC HEALTH PRACTICES IN SOLUKHMUBU, NEPAL.
J Maddox, W Kopp, B Fassl, A Sherpa and D Levy, Salt Lake City, UT and Forest Knolls, CA. University of Utah School of Medicine
15 DANCING YOUR WEIGHT OFF: AN INTERACTIVE HIGH SCHOOL PEER EDUCATION PROJECT TO ASSESS AND INCREASE ADOLESCENT AWARENESS OF THE IMPORTANCE OF EXERCISE.
J Martin, M Castaneda, L Arreola, A Calderon and R Kinman, Fresno, CA and Madera, CA. Fresno High School
Abstract 161

16 DON’T LET BUTTE BURN!
H Paladichuk, Seattle, WA. University of Washington School of Medicine
Abstract 162

17 ASSESSING THE EFFECTIVENESS OF A CHILD MALNUTRITION TREATMENT CENTER IN RURAL INDIA.
M Parkinson, A Allen, C Orlando, D Shapiro and B Fassl, Salt Lake City, UT. University of Utah
Abstract 163

18 INCREASING UP-TO-DATE VACCINATION STATUS AMONG CHILDREN ENROLLED IN THE WIC PROGRAM IN ELLENSBURG, WASHINGTON.
CM Shae, Wenatchee, WA. University of Washington School of Medicine
Abstract 164

19 SUMMER NUTRITION CHALLENGE: ENCOURAGING HEALTHY EATING BITE BY BITE IN ODESSA, WASHINGTON.
A Snyder, Seattle, WA. University of Washington
Abstract 165

20 THE SHOSHONE BICYCLE HELMET PROJECT: INCREASING HELMET USE THROUGH DISTRIBUTION OF FREE HELMETS AND BILINGUAL EDUCATIONAL MATERIALS.
ND Swenson, Seattle, WA. University of Washington
Abstract 166

21 IMPROVING STROKE AWARENESS IN URBAN AND RURAL PERU THROUGH A HOSPITAL-BASED STROKE PREVENTION CAMPAIGN.
MV Tulloch-Palomino, Shoreline, WA. University of Washington School of Medicine
Abstract 167

22 "EDúCATE Y ACTúA" DISASTER RESPONSE COMMUNICATION STRATEGY FOR GRANT COUNTY.
E Zavala-Suarez, Seattle, WA. University of Washington
Abstract 168

23 PARATHYROID CARCINOMA A SMOLDERING DISEASE: CASE REPORTS.
DV Byreddy, D Schade, MR Burge, P Kapsner and M Bouchonville, Albuquerque, NM. University of New Mexico
Abstract 169

24 PRIMARY CARE PROVIDERS’ PERCEPTIONS OF LIFESTYLE MODIFICATION AND MANAGEMENT FOR OBESITY AND PREDIABETES.
S Tsoi, E Vasti and T Moin, Los Angeles, CA and San Francisco, CA. David Geffen School of Medicine at UCLA
Abstract 170

25 ROLE OF TETRAPEPTIDE SDKP IN SKIN CRYOSURGERY HEALING.
M Kim, JW Burke and S Fuchs, West Covina, CA. Western University of Health Sciences
Abstract 171

26 PILOT STUDY: END OF LIFE CONVERSATIONS; A PATIENT PERSPECTIVE.
KE Stoll, R Sprague, J Siu and K Ketelson, O Pipitone and E. Buth, Lebanon, OR and Corvallis, OR. College of Osteopathic Medicine of the Pacific Northwest
Abstract 172
27 BEHAVIORAL PHENOTYPE IN CHILDREN WITH PRADER-WILLI SYNDROME.
N Alsahleh, P Gupta and J Pula, Stanford, CA and Paterson, NJ. Stanford University School of Medicine

Abstract 173

28 PRADER-WILLI SYNDROME DUE TO AN UNBALANCED DE NOVO TRANSLOCATION T(15;19)(Q12; P13.3).
V Dang, A Surampalli, SH Youn, J Gold and V Kimonis, Irvine, CA and Loma Linda, CA. University of California, Irvine

Abstract 174

29 IS INCIDENTAL FINDING THE BEST TERM? A STUDY OF PATIENTS' PERSPECTIVES.
N Tan, L Amendola, MJ Horike-Pyne, FM Hisama, W Burke, B Wilfond and G Jarvik, Seattle, WA. University of Washington

Abstract 175

30 SCOLIOSIS IN A PRADER-WILLI SYNDROME CLINIC.
D Viskochil and D Mason, Salt Lake City, UT. University of Utah

Abstract 176

31 DO ASK, DO TELL: AN INTERACTIVE WEB-BASED ASSESSMENT OF PHYSICIAN WELLNESS.
D Cojocaru, E Skargasgard, C Strahlendorf, FK Kozak, P Sneddon, D Duffy, N O’Hara and T Newlove, Vancouver, BC, Canada. University of British Columbia - Children's Hospital

Abstract 177

32 STUDENTS AS FUTURE EDUCATIONAL LEADERS IN THE DEVELOPMENT OF LEARNING RESOURCES: AN UNDERGRADUATE SURGICAL CURRICULUM INITIATIVE.
D Cojocaru, K D’Souza, D Duffy and G Blair, Vancouver, BC, Canada. University of British Columbia

Abstract 178

33 STAYING ALIVE: ACTIVE SHOOTER SIMULATION IN THE OPERATING ROOM.
AJ Czynski, V Layel, TK Denmark, M Vadi, E Ghazal, MY Woodfin, M Malkin, J Lenart and J Cristall, Redlands, CA and Loma Linda, CA. Loma Linda University

Abstract 179

34 ATTITUDES OF GLOBAL HEALTH PROFESSIONAL FACULTY TO SOCIAL MEDIA AS A TEACHING TOOL.
K D’Souza, I. Henningham, R Zou, J Huang, L O’Sullivan, J Last and K Ho, Vancouver, BC, Canada; Melbourne, VIC, Australia; Shanghai, China; Birmingham, United Kingdom and Dublin, Ireland. University of British Columbia

Abstract 180

35 THE OPTIMAL ATTRIBUTES OF A TRAUMA TEAM LEADER: EVIDENCE FROM A DISCRETE CHOICE EXPERIMENT.
D Mo, N O’Hara, R Hengel and A Singhal, Vancouver, BC, Canada. University of British Columbia

Abstract 181

36 PATTERNS OF BURN CARE AT COMMUNITY HEALTH CARE CENTERS IN UGANDA.
A Rajwani, J Huebner, MD Caulfield, A Ribeiro, AS Maccan, MM Ajiko, N O’Hara and R Evans, Vancouver, BC, Canada and Soroti, Uganda. University of British Columbia

Abstract 182
37 SOCIAL MEDIA USE IN EMERGENCY ULTRASOUND FELLOWSHIP EDUCATION.
J Wang, R Amini and S Adhikari, Tucson, AZ. University of Arizona

38 EVALUATION OF MATERNAL AND INFANT PRACTICES AND ILLNESS IN RURAL NEPAL.
K Wolpert, S Ryan, B Fassl and D Levy, Salt Lake City, UT. University of Utah

39 THE EFFECT OF DOT1L INHIBITION ON RNA POLYMERASE II PAUSING.
R Ancar, T Neff and K Bernt, Parker, CO. University of Colorado School of Medicine

40 EFFECT OF SURVIVIN AND CANCER CELL- DERIVED EXOSOMES ON NATURAL KILLER CELL CYTOTOXICITY.
D Chi, H Ferguson, L Oppegard and N Wall, Loma Linda, CA. Loma Linda University

41 AUTOIMMUNE HEMOLYTIC ANEMIA AND THE SEQUELA OF IGA LINEAR DERMATITIS.
TV Desai, Las Vegas, NV. University of Nevada School of Medicine

42 MICRODOSIMETRIC EVALUATION OF PROTON ENERGY DISTRIBUTIONS IN THE VICINITY OF METAL IMPLANTS.
S Heczko, G McAuley, J Slater and A Wroe, South Pasadena, CA and Loma Linda, CA. Loma Linda University

43 GENE-ULTRAVIOLET RADIATION INTERACTIONS DETERMINING MELANOMA RISK PHENOTYPES.
DD Lynn, Aurora, CO. University of Colorado Denver

44 EVALUATION OF A DUAL FOCUSING MAGNET SYSTEM FOR TREATMENT OF SMALL PROTON TARGETS.
TT Nguyen, S Heczko, G McAuley, J Slater, J Slater and A Wroe, Loma Linda, CA. Loma Linda University

45 SUCCESSFUL TREATMENT OF ACUTE RENAL FAILURE IN PATIENT WITH ACTIVE LUPUS NEPHRITIS AND ATYPICAL HEMOLYTIC UREMIC SYNDROME WITH C5A INHIBITOR, ECUILIZUMAB.
S Sarkissian, Panorama City, CA. University of California, Irvine

46 HEMOPHAGOCYTIC LYMPHOHISTIOCYTOSIS COMPLICATING AN UNUSUAL CASE OF CD16+ EXTRANODAL NK LYMPHOMA, NASAL TYPE WITH BONE MARROW AND CENTRAL NERVOUS SYSTEM INVOLVEMENT.
S Sarkissian and P Siaghani, Panorama City, CA and Orange, CA. University of California, Irvine

47 A RARE CASE OF EBV NEGATIVE T-CELL POST RENAL TRANSPLANT LYMPHOPROLIFERATIVE DISORDER.
S Sarkissian and A Nael Amzajerdi, Panorama City, CA and Orange, CA. University of California, Irvine

48 WEATHERING A CYTOKINE STORM: A CASE OF HEMOPHAGOCYTIC LYMPHOHISTIOCYTOSIS.
T Shaw and J Ahn, Sacramento, CA. University of California, Davis Medical Center
49 ATYPICAL PRESENTATION OF LOW-GRADE FIBROMYXOID SARCOMA IN THE ANTERIOR MEDIASTINUM IN A 73 YEAR OLD FEMALE.
VM Williams, M Herrmann and A Vega, Loma Linda, CA and Los Angeles, CA. Loma Linda University
Abstract 195

50 FATAL SICKLE CELL CRISIS DUE TO CANDIDA ALBICANS INFECTION IN A CHILD.
K Young, A Miller, K Boayue and H Agarwal, Tucson, AZ and Albuquerque, NM. The University of Arizona
Abstract 196

51 ROLE OF TRANSFORMING GROWTH FACTOR-BETA IN MEDIATING INFLAMMATION AND ANGIOGENESIS IN SMAD4 DEFICIENT HEAD AND NECK SQUAMOUS CELL CARCINOMAS.
J Yu, A Hernandez and X Wang, Aurora, CO. University of Colorado Denver
Abstract 197

52 CHANGES IN EXPRESSION OF METABOLIC GENES IN IMMORTALIZED MOUSE EMBRYONIC FIBROBLAST CELLS IMPACT GROWTH AND FITNESS.
A Yufa, J Lay, A Chang, N Balanis, A Minasyan, N Graham and T Graeber, Riverside, CA. University of California, Los Angeles
Abstract 198

53 GROUP A STREP: STILL A THREAT THREE PRESENTATIONS OF INVASIVE GROUP A β-HEMOLYTIC STREPTOCOCCUS.
N Neal, SU Das and P Patamasucon, Las Vegas, NV. University of Nevada School of Medicine
Abstract 199

54 16 YEAR OLD MALE WITH LEFT NECK SWELLING.
LR Zuar and P Patamasucon, Las Vegas, NV. University of Nevada School of Medicine
Abstract 200

55 REFERENCE VALUES FOR RESPIRATORY INPUT IMPEDANCE IN NEWBORN LAMBS.
MDahl, C Veneroni, K Zuspan, A Lavizzari, S Bowen, D Null, B Yoder, K Albertine and R DellaC., Salt Lake City, UT; Milan, Italy and Davis, CA. University of Utah
Abstract 201

56 GENOME OF HIGH FREQUENCY OSCILLATION: ITIME AND BIAS FLOW EFFECTS.
M Patel and M Goldstein, Redlands, CA. Loma Linda University Medical Center
Abstract 202

57 UTILIZATION PATTERNS OF EXTRACORPOREAL MEMBRANE OXYGENATION IN NEONATES WITH HYPOXIC-ISCHEMIC ENCEPHALOPATHY IN THE UNITED STATES 1997-2012.
CA Burkhead, A Song, A Lakshmanan, E Ho, P Friedlich and C McLean, Arcadia, CA and Los Angeles, CA. Children’s Hospital of Los Angeles
Abstract 203

58 ACCESS TO TECHNOLOGY FOR COMMUNICATION IMPROVES HEALTH-RELATED QUALITY OF LIFE FOR LOW INCOME FAMILIES AFTER NEONATAL INTENSIVE CARE UNIT DISCHARGE.
NFlores, PS Friedlich, MBelfort, DLVanderbilt, R Williams, MD Kipke and A Lakshmanan, Los Angeles, CA and Boston, MA. Children’s Hospital Los Angeles
Abstract 204

59 IMPROVING PROCESS MEASURES OF TIMELY FAMILY MEETINGS IN NEONATAL INTENSIVE CARE: AN INTERDISCIPLINARY QUALITY IMPROVEMENT PROJECT.
EHagen, ASabnis, S Fojo, S Nayak, L Zeltzer, HHoldbrooks, DTarn and ASarin-Gulian, Los Angeles, CA. University of California Los Angeles
Abstract 205
60 INCIDENCE OF CLINICAL COMPLICATIONS IN INFANTS OF DIABETIC MOTHERS IN THE NICU OVER A 5-YEAR PERIOD.
N Kraus, B Becerra, RD Clark and S Ramanathan, Loma Linda, CA. Loma Linda University
Abstract 206

61 RESOURCE UTILIZATION FOR NEONATES WITH TRISOMY 18 IN CALIFORNIA.
NG Lynch, J hu, PS Friedlich and A Lakshmanan, Los Angeles, CA. Children’s Hospital Los Angeles and LAC + USC Medical Center, Keck School of Medicine, University of Southern California
Abstract 207

62 RESOURCE UTILIZATION FOR NEONATES WITH TRISOMY 13 IN CALIFORNIA.
NG Lynch, J hu, PS Friedlich and A Lakshmanan, Los Angeles, CA. Children’s Hospital Los Angeles and LAC + USC Medical Center, Keck School of Medicine of University of Southern California
Abstract 208

63 NICU FELLOWSHIPS PROVIDE LESS ACCESS AND TRAINING IN POINT-OF-CARE ULTRASONOGRAPHY THAN PICU TRAINING PROGRAMS.
JT Nguyen, R Amirnovin, R Ramanathan and S Noori, Los Angeles, CA. Keck School of Medicine of University of Southern California; Children’s Hospital Los Angeles
Abstract 209

64 NEONATAL SPLENIC HEMATOMA CAUSING HEMOPERITONEUM AND HYPOVOLEMIC SHOCK.
JJ Parga and V Walker, Santa Monica, CA. David Geffen School of Medicine at UCLA
Abstract 210

Pulmonary & Critical Care Adult

65 UTILIZING A MULTIMODAL APPROACH IN TEACHING MEDICAL STUDENTS ULTRASOUND-GUIDED PROCEDURES.
C Krause, R Krause and V Dinh, Loma Linda, CA. Loma Linda University
Abstract 211

66 A CASE OF URTICARIA THAT RESULTED IN A BROKEN HEART.
N Qamar, S Teuber and S Mateev, Sacramento, CA and Mather, CA. University of California, Davis Health System
Abstract 212

Surgery

67 IDENTIFICATION OF POTENTIAL RISK FACTORS ASSOCIATED WITH DEVELOPMENT OF SYNECHIAE FOLLOWING FUNCTIONAL ENDOSCOPIC SINUS SURGERY: A RETROSPECTIVE REVIEW.
A Amanian, J Manji, A Habib, S Alsaleh and A Javer, Vancouver, BC, Canada. University of British Columbia
Abstract 213

68 COEXISTING CLEAR CELL RENAL CELL CARCINOMA AND SOLITARY EXTRAMEDULLARY PLASMACYTOMA.
SW Berquist, A Hassan, Z Hamilton, C Dufour and I Derweesh, La Jolla, CA. University of California, San Diego School of Medicine
Abstract 214

69 QUALITATIVE INTERVIEWS WITH PARENTS OF YOUNG CHILDREN WITH CLEFT LIP AND PALATE.
EE Breuning, RJ Courtemanche and DJ Courtemanche, Vancouver, BC, Canada. British Columbia Children’s Hospital (WAFMR Scholar Awardee)
Abstract 215
70 A RETROSPECTIVE REVIEW OF TEMPOROMANDIBULAR JOINT RECONSTRUCTION WITH AUTOGENOUS COSTOCHONDRAL ARTHROPLASTY.
F Chan and DJ Courtemanche, Vancouver, BC, Canada. University of British Columbia

71 ROBOTIC SIMULATOR SKILLS: IMPACT OF DIFFERENT BACKGROUND AUDITORY ENVIRONMENTS ON LEARNING CURVE OF NOVICE SURGEONS.
BS Chung, AL Wong, A Erskine, AR Kutzner, C Ritchie, P Yang, J Shen, S Abourbih and D Baldwin, Redlands, CA. Loma Linda University School of Medicine

72 ENHANCING THE QUALITY OF THE CHILD AND FAMILY SURGICAL EXPERIENCE WITH TELEHEALTH.
P Dean, M O’Donnell and E Skarsgard, Vancouver, BC, Canada. University of British Columbia

73 DETECTION OF ABNORMALLY SHAPED EARS IN NEWBORNS.
D Lu, J Pauwels, C Jin, FK Kozak and N Chadha, Delta, BC, Canada and Vancouver, BC, Canada. British Columbia Children’s Hospital

74 EMOTIONAL CONCERNS IN SURGICAL CANCER SURVIVORS NOT TREATED WITH CHEMOTHERAPY
T Nikoomanesh and M Goldfarb, Pomona, CA and Santa Monica, CA. Western University of Health Sciences

75 THE EFFECT OF LASER FIBER STRIPPING ON FRAGMENTATION OF URINARY TRACT CALCULI.
C Ritchie, P Yang, B Peplinski, M Keheila, S Cherian, S Abourbih and D Baldwin, Loma Linda, CA. Loma Linda University

76 EFFECTIVE NON-OPERATIVE MANAGEMENT OF SEVERE BLUNT LIVER TRAUMA.
C Slattery, S Aarabi, H Foy and G O’Keefe, Seattle, WA. University of Washington

77 FRAILTY PREDICTS POSTOPERATIVE MORBIDITY/MORTALITY AFTER COLECTOMY FOR C-DIFFICILE COLITIS.
E Telemi, R Venkat and O Trofymenko, Tucson, AZ. University of Arizona

78 FRAILTY IS A PREDICTOR OF POSTOPERATIVE MORBIDITY AND MORTALITY AFTER COLECTOMY FOR CANCER.
O Trofymenko, R Venkat, E Telemi and V Nfonsam, Tucson, AZ. University of Arizona College of Medicine - Tucson

79 FEASIBILITY OF IMPLEMENTING CHLORHEXIDINE GLUCONATE (CHG) FOR PRE-OPERATIVE CLEANSING IN PEDIATRICS.
I Zivkovic, Vancouver, BC, Canada. University of British Columbia
JOINT PLENARY SESSION

DISEASES WITHOUT BORDERS

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

Sunset Center Theater
Friday, January 29, 2016
8:00 AM – 11:40 AM

Paul Rozance and Kristina Utzschneider, Presiding

8:00  WSPR ABBOTT NUTRITION LOWELL GLASGOW STUDENT RESEARCH AWARD
DEFAULT MODE NETWORK ACTIVITY: TESTING FOR ASSOCIATION WITH EXTERNALIZING BEHAVIOR PROBLEMS WITH AND WITHOUT CALLOUS UNEMOTIONAL TRAITS.
BC Walsh, M Dalwani and J Sakai, Northglenn, CO. University of Colorado School of Medicine

8:15  WSPR ABBOTT NUTRITION DAVID W. SMITH PEDIATRIC TRAINEE RESEARCH AWARD
INFLAMMATORY PROSTAGLANDIN E2 HINHIBITS OLIGODENDROCYTE PROGENITOR CELL MATURATION: MECHANISM FOR NEONATAL WHITE MATTER INJURY.
L Shiue and D Rowitch, San Francisco, CA. University of California, San Francisco

8:30  E.E. OSGOOD AWARD
CALCIUM RELEASE PATTERNS IN MOUSE ATRIAL CARDIOMYOCYTES: ROLE OF TRANSVERSE-AXIAL TUBULES.
X Yue, R Zhang, B Kim, A Ma, JI Goldhaber and KD Philipson, Los Angeles, CA and Xi’an, China. Cedars Sinai Medical Center

8:45  WAFMR OUTSTANDING INVESTIGATOR AWARD
IDENTIFICATION OF A NOVEL INNATE IMMUNE SIGNALING FACTOR, TNK1, THAT REGULATES VIRAL INFECTION.
T Saito, Los Angeles, CA. University of Southern California

9:00  WSPR ABBOTT NUTRITION YOUNG INVESTIGATOR RESEARCH AWARD
BASIC SCIENCE FOR BABY BRAINS: TRANSLATIONAL INVESTIGATIONS OF NEURAL REPAIR
Lauren Jantzie, University of New Mexico

9:30 – 9:45 am Intermission

W. Conrad Liles and Frederick Buckner, Presiding

9:45  WSPR STANLEY WRIGHT MEMORIAL LECTURE
SOLVING THE PUZZLE OF PRETERM BIRTH: CALENDAR EVENT OR IMMUNOLOGIC ANOMALY.
David K. Stevenson, Stanford University

10:15  WSPR JOSEPH W. ST. GEME, JR. EDUCATION AWARD
Presenter: Robin Ohls, University of New Mexico
Recipient: Carol Clericuzio, University of New Mexico
10:25  WAP DISTINGUISHED LECTURESHIP
EBOLA: LESSONS LEARNED.
Michele Barry, Stanford University School of Medicine

10:55  WSCI OUTSTANDING INVESTIGATOR AWARD
MOLECULAR LANDSCAPE IN COLORECTAL CANCER
Heinz-Josef Lenz, University of Southern California, Keck School of Medicine

11:25  WSCI MAYO SOLEY AWARD
Presenter: Frederick S. Buckner, University of Washington
Recipient: Wesley C. Van Voorhis, University of Washington

11:40  ADJOURN
11:40  WSPR Business Meeting
11:40  WSCI Business Meeting
MEET THE MENTORS: LUNCH WITH CARMEL RESEARCH PRIZE RECIPIENTS
Panel Discussion
Friday, January 29, 2016
11:15 AM – 12:15 PM
(Intended for Students and Residents)

Cinnamon S. Bloss, PhD, University of California San Diego
Henry Lee, MD, Stanford University
Melanie Cree Green, MD, PhD, University of Colorado School of Medicine
Jose R Suarez, MD, MPH, PhD, University of California San Diego

(Additional charge of $10 and lunch will be provided, limited availability: 45)
Sunset Center – Studio 105

INVESTIGATOR WORKSHOP
Friday, January 29, 2016
11:40 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. Additional charge of $10 and lunch will be provided.

HOW TO PICK A GOOD SCIENTIFIC QUESTION
W. Conrad Liles, University of Washington
Sunset Center – Green Room

CONCURRENT SESSIONS
Friday, January 29, 2016
12:30 PM – 2:30 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 II ............................................................. Studio 105
Cardiovascular III .................................................................................................. Promenade Lobby
Endocrinology and Metabolism II ......................................................................... Bingham #3
Gastroenterology .................................................................................................... Babcock #6
Genetics .................................................................................................................. Rehearsal Room
Neonatal Pulmonary III ......................................................................................... Carpenter Hall
Neonatology General III ........................................................................................ All Saints Church, Seccombe Hall
Neonatology Perinatal Biology I ............................................................................. Chapman #4
Surgery II ............................................................................................................... Conductor’s Room

Adolescent Medicine and General Pediatrics II
Studio 105 (Sunset Center)
Samrat U. Das and Mary Ramos, Presiding

12:30 A 24 WEEK PHYSICAL FITNESS PROGRAM IMPROVES BODY COMPOSITION AMONG SOUTHWESTERN NATIVE AMERICAN ADOLESCENTS AT RISK FOR DIABETES.
L. Colip, M Chavez, P Sandy, D Gahate, J Bobelu, MR Burge and V Shah, Albuquerque, NM. University of New Mexico Health Science Center (WSPR Mead Johnson Travel Award Winner)

Abstract 230
12:45 RELIABILITY & VALIDITY OF THE CHISPA: A NEW BRIEF ASSESSMENT TOOL FOR ADOLESCENT SUBSTANCE USE.
D Rosero, M Ramos, T Condon and T Warner, Albuquerque, NM. University of New Mexico

1:00 ARTHROGRYPOSIS: LONG-TERM QUALITY OF LIFE ANALYSIS.
H Nouraei, B Sawatzky and J Hall, Vancouver, BC, Canada. University of British Columbia

1:15 POLYMORPHIC VENTRICULAR TACHYCARDIA (PMVT) IN AN ADOLESCENT AFTER USE OF SYNTHETIC CANNABIS: UNMASKED LONG QT SYNDROME.
BH Hammond and EA Greene, Albuquerque, NM. University of New Mexico

1:30 State-of-the-Art Speaker
HEALTH RELATED QUALITY OF LIFE DURING CANCER TREATMENT: PERSPECTIVES OF ADOLESCENT CANCER SURVIVORS AND THEIR CAREGIVERS.
Shiraz I. Mishra, University of New Mexico School of Medicine

2:00 PILOT STUDY ASSESSING CORRELATION OF CCL2 LEVELS, BIOMARKERS AND MODIFIABLE BEHAVIORS IN OVERWEIGHT/OBESE ADOLESCENTS.
A Dye, P Pomo, M Bodo, E Yakes Jimenez, R Orlando and A Kong, Albuquerque, NM. University of New Mexico School of Medicine

2:15 CAPTURING THE SUBSTANCE USE KNOWLEDGE, ATTITUDES AND PRACTICES OF NEW MEXICO’S SCHOOL-BASED HEALTH CENTER WORKFORCE.
M Murphy, R Sebastian, T Condon and M Ramos, Albuquerque, NM. University of New Mexico

Cardiovascular III
Promenade Lobby (Sunset Center)
Robert S. Ross and Carlin Long, Presiding

12:30 THE IMPACT OF SEED VARIATION ON THE MEASURED ACCURACY OF MACHINE LEARNING ALGORITHMS (AUC) FOR SEVERAL COMMON MODEL VALIDATION TECHNIQUES IN NUCLEAR MEDICINE.
VR Singh and P Slomka, Los Angeles, CA. Cedars Sinai Medical Center

12:45 TEENAGERS AND ADULTS LIVING WITH CONGENITAL HEART DISEASE ARE BEING LOST TO FOLLOW UP: EVIDENCE FROM TETRALOGY OF FALLOT IN A DIVERSE PATIENT POPULATION.
S Behan, J Andrews and S Klewer, Tucson, AZ. University of Arizona

1:00 α-MYOSIN HEAVY CHAIN IN HEART FAILURE IS REDUCED IN A MINOR SUB-POPULATION OF RABBIT MYOCYTES EXPRESSING HETERODIMERIC AB ISOFORMS.

1:15 REDUCED CARDIOMYOCYTE SIZE DOES NOT ACCOUNT FOR REDUCED CARDIAC WEIGHT IN GROWTH RESTRICTED FETUSES.
D Kamna, LD Brown and S Jonker, Portland, OR and Aurora, CO. Oregon Health and Science University

1:30 TIER 1: ECMO SHOULD NOT BE TIER 1 FOR HEART TRANSPLANTATION DUE TO HIGH MORTALITY.
M Luu, T Aintablian, M Hamilton and JA Kobashigawa, Los Angeles, CA. Cedars-Sinai Medical Center
1:45 OUTCOME OF HYPERTENSIVE HEART TRANSPLANT PATIENTS.
R Sharoff, T Aintablian, G Rodriguez, M Hamilton and JA Kobashigawa, Los Angeles, CA. Cedars-Sinai Medical Center

Abstract 242

2:00 TRANS-CATHETER CLOSURE OF PATENT DUCTUS ARTERIOSUS IN SEVERELY PREMATURE NEONATES: IS POST-LIGATION SYNDROME AN ISSUE?
D Peck, R Garg, A Phillips, M McRae, P Nevin, K Basacker, C Simmons and E Zahn, Los Angeles, CA. David Geffen School of Medicine at UCLA

Abstract 243

Endocrinology and Metabolism II
Bingham Room #3 (Sunset Center)
Kristina M. Utzschneider and Taylor Soderborg, Presiding

12:30 State-of-the-Art Speaker
DIABETES WITHOUT BORDERS.
Latha Palaniappan, Stanford University

1:00 EFFECT OF OBESITY AND CKD ON INSULIN SENSITIVITY INDICES.
I Ahmad, L Zelnick and IH DeBoer, Seattle, WA. University of Washington

Abstract 244

1:15 DIABETIC KETOACIDOSIS IN TYPE 2 VS. TYPE 1 DIABETES.
JM Miles, A Accurso, J Isautier, AE Marquez, G Wilson, K Herrmann and Y Kudva, Rochester, MN. Mayo Clinic

Abstract 245

1:30 EXERCISE INTERVENTION IMPROVES THE METABOLIC PROFILE OF SOUTHWESTERN NATIVE AMERICAN ADOLESCENTS.
L Colip, M Chavez, P Sandy, D Ghahtate, J Bobelu, V Shah and MR Burge, Albuquerque, NM. University of New Mexico

Abstract 246

1:45 CAN THE DAWN PHENOMENON BE PREDICTED IN ORDER TO PROGRAM AN INSULIN PUMP?
L Ereifej, M Bouchonville, E Duran-Valdez and D Schade, Albuquerque, NM. University of New Mexico

Abstract 247

2:00 RELATIONSHIP BETWEEN GLYCEMIC VARIABILITY AND B-CELL FUNCTION IN ADULTS AT HIGH RISK OF TYPE 2 DIABETES.
MA Szkudlinska, ML Neuhouser and KM Utzschneider, Seattle, WA. University of Washington

Abstract 248

2:15 MIXED MACRONUTRIENT MEALS NORMALIZE GLUCOSE AND INSULIN LEVELS IN IMPAIRED GLUCOSE TOLERANT OBESE TEENAGE GIRLS.
AA Lynch, G Coe, K Nadeau and M Cree-Green, Wauwatosa, WI and Aurora, CO. Medical College of Wisconsin

Abstract 249

Gastroenterology
Babcock #6 (Sunset Center)
Henry C. Lin and Christopher Chang, Presiding

12:30 THE PREVALENCE OF COLON ADENOMATOUS POLYPS IN ASIAN INDILIANS.
S Manni, J Wilson-Chiru and S Tejaswi, Sacramento, CA. University of California, Davis Medical Center

Abstract 250

12:45 ROLE OF THE LYMPHATIC SYSTEM IN THE PROGRESSION OF INFLAMMATORY BOWEL DISEASE TO COLORECTAL CANCER IN AN EXPERIMENTAL MOUSE MODEL.
S Daley, J Washington, M Bernas, E Meister, J Thorn, P Kiela, N Tanoue, JS Alexander and M Witte, Tucson, AZ and Shreveport, LA. University of Arizona (WAFMR/WAP Student Subspecialty Award Winner)

Abstract 251
## Western Meeting Program

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Authors and Affiliations</th>
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<tbody>
<tr>
<td>1:00</td>
<td>A REMEMBRANCE OF PROCEDURES PAST: LATE HEPATIC ARTERY THROMBOSIS.</td>
<td>R Andrews, E Sheehan and M Lacy, Albuquerque, NM. University of New Mexico</td>
</tr>
<tr>
<td>1:15</td>
<td>POST-INFECTIOUS IBS FOLLOWING RECURRENT/RELAPSING C. DIFFICILE ASSOCIATED DIARRHEA (CDAD).</td>
<td>R Andrews and M Gavin, Albuquerque, NM. University of New Mexico</td>
</tr>
<tr>
<td>1:30</td>
<td>COMPARISON OF TRANSCUTANEOUS RESPIRATORY MONITORING WITH CONVENTIONAL VITAL SIGNS IN THE DETECTION OF ABNORMAL RESPIRATORY EVENTS IN CHILDREN UNDERGOING ENDOSCOPY.</td>
<td>G Lui, Loma Linda, CA. Loma Linda University</td>
</tr>
<tr>
<td>1:45</td>
<td>State-of-the-Art Speaker NEW INSIGHTS INTO PATHOPHYSIOLOGY OF POSTINFECTIOUS IBS.</td>
<td>Christopher Chang, University of New Mexico</td>
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### Genetits

Rehearsal Room (Sunset Center)
Renata Gallagher and Margaret Adam, Presiding

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Authors and Affiliations</th>
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<tbody>
<tr>
<td>12:30</td>
<td>UTILITY OF BROAD SEQUENCING TO REVEAL MTM1 GENE MUTATION CARRIERS WITH HISTORY OF RECURRENT NEONATAL DEATH.</td>
<td>VK Berger, A Alsadah and J Shieh, San Francisco, CA. University of California San Francisco</td>
</tr>
<tr>
<td>12:45</td>
<td>EFFICACY AND SAFETY OF DIAZOXIDE CHOLINE CONTROLLED RELEASE TABLET IN PRADER-WILLI SYNDROME: RESULTS OF THE DOUBLE-BLIND ARM OF THE STUDY.</td>
<td>A Surampalli, M Wencel, J Gold, N Cowen and V Kimonis, Irvine, CA; Loma Linda, CA and Carlsbad, CA. University of California, Irvine (Abbott Subspecialty Award)</td>
</tr>
<tr>
<td>1:00</td>
<td>CLINICAL COURSE OF 4 CHILDREN WITH GNAO1 MUTATIONS CAUSING A SEVERE AND DISTINCTIVE MOVEMENT DISORDER.</td>
<td>A Ananth, A Robichaux-Viehoever, A Hanson-Kahn, R Cox, G Enns, S Jonathan, M Willing, B Schlaggar, Y Wu and J Bernstein, Stanford, CA, San Francisco, CA, Palo Alto, CA and St. Louis, MO. Stanford University</td>
</tr>
<tr>
<td>1:15</td>
<td>ALLAN HERNDON DUDLEY SYNDROME: A CASE REPORT AND REVIEW OF THE LITERATURE.</td>
<td>S Dugan, Salt Lake City, UT. University of Utah</td>
</tr>
<tr>
<td>1:30</td>
<td>A MASSIVELY PARALLEL APPROACH TO ASSESS THE SEQUENCE-FUNCTION RELATIONSHIP OF RECOMBINASE A.</td>
<td>DJ Lawrence, DM Fowler, GR Smith and JD Bloom, Seattle, WA. Fred Hutchinson Cancer Research Center</td>
</tr>
<tr>
<td>1:45</td>
<td>DIAGNOSTIC OUTCOMES AND RELATIVE COST OF CLINICAL WHOLE EXOME SEQUENCING.</td>
<td>MR Ruzhnikov, A Alsadah, B Mendelsohn, A Alhariri, MR Cilio, Y Wu, EJ Marco, E Hsiao, J Sullivan, J Shieh, A Slavotinek and EH Sherr, Stanford, CA and San Francisco, CA. University of California, San Francisco (WSPR Mead Johnson Travel Award Winner)</td>
</tr>
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106
2:00 A DOMINANT MUTATION ASSOCIATED WITH BOHRING-OPTIZ SYNDROME REVEALED DURING WHOLE EXOME SEQUENCING ANALYSIS.

*Carlston, T Tvrđík, R Mao and H Underhill, Salt Lake City, UT. University of Utah*

Abstract 261

2:15 EHLERS-DANLOS SYNDROME, PROGEROID TYPE, CAUSED BY A NOVEL MUTATION, P.(CYS324SER) IN B4GALT7 IN A CHILD WITH JOINT LAXITY, GROWTH RETARDATION, DYSMORPHIC FACIAL FEATURES AND NOVEL EYE FINDINGS INCLUDING BILATERAL COLOBOMAS.

*Arunrut, M Sabbadini, M Jain, F Scaglia and A Slavotinek, San Francisco, CA and Houston, CA. University of California, San Francisco*

Abstract 262

Neonatal Pulmonary III

*Carpenter Hall*

Parviz Minoo and Virender K. Rehan, Presiding

12:30 MATERNAL RACE/ETHNICITY (RE) AND INFANT GENETIC ANCESTRY ARE ASSOCIATED WITH SURVIVAL WITHOUT BRONCHOPULMONARY DYSPLASIA (BPD) IN PRETERM NEWBorns TREATED WITH INHALED NITRIC OXIDE (INO).

*Keller, S Oh, D Torgerson, P Ballard, S Huntsman, E Burchard, D Black and R Ballard, San Francisco, CA. University of California, San Francisco*

Abstract 263

12:45 EARLY POSTNATAL HYPEROXIA INCREASES LUNG WNT3A AND MMP9 mRNA LEVELS IN GROWTH RESTRICTED RAT PUPS.

*Knecht, Y Yang, C Zou, A Sainz and L Joss-Moore, Salt Lake City, UT. University of Utah*

Abstract 264

1:00 INVASIVE MECHANICAL VENTILATION FOR 3 DAYS DOES NOT ALTER PROLIFERATION OF CARDIAC MYOCYTES COMPARED TO NON-INVASIVE NASAL VENTILATION.

*Punnanitinont, R Hicks, H Emerson, J Orchard, Z Wang, M Dahl, D Null, B Yoder and K Albertine, Salt Lake City, UT, Appleton, WI and Davis, CA. Laurence University*

Abstract 265

1:15 PERINATAL NICOTINE EXPOSURE INDUCES MESENCHYMAL MYOGENIC DIFFERENTIATION, BUT NOT EPITHELIAL-MESENCHYMAL TRANSITION IN RAT OFFSPRING LUNGS.

*Shen, R Sakurai, M Gong, J Liu and VK Rehan, Torrance, CA. Los Angeles Biomedical Research Institute at Harbor-UCLA Medical Center*

Abstract 266

1:30 FROM MOUSE DEVELOPMENT TO SHEEP LUNG INJURY.

*Bhopal, C Li, M Dahl, K Albertine, D Mathur and P Minoo, Los Angeles, CA and Salt Lake City, UT. LAC + USC Medical Center & Children’s Hospital Los Angeles*

Abstract 267

1:45 ONE YEAR PULMONARY OUTCOMES IN THE TRIAL OF LATE SURFACTANT (TOLSURF).

*Keller, E Rogers, E Eichenwald, A Hibbs, D Black, P Ballard and R Ballard, San Francisco, CA, Houston, TX and Cleveland, OH. University of California, San Francisco*

Abstract 268

2:00 VENTILATION AFFECTS MECHANICAL PROPERTIES OF CEREBRAL ARTERIES IN PRETERM LAMBS.

*Converse, K Nye, K Monson and K Albertine, Salt Lake City, UT. University of Utah*

Abstract 269

2:15 RANDOMIZED CONTROLLED TRIAL OF NEBULIZED N-ACETYLCYSTEINE IN A NEWBORN PIG MODEL OF MECONIUM ASPIRATION SYNDROME.

*Simones, A Lampland, R Reed, M Mammel, C Worwa, M Toombs, A Ginder and KD Roberts, Saint Paul, MN and Minneapolis, MN. University of Minnesota Masonic Children's Hospital (WSPR Mead Johnson Travel Award Winner)*

Abstract 270
Neonatology General III
All Saints Church, Seccombe Hall
Camille Fung and Josephine M. Enciso, Presiding

12:30 EVIDENCE FOR MITOTIC TRANSMISSION OF NICOTINE'S EPIGENETIC EFFECTS ON MALE GONADAL GERM CELL UNDERLYING OFFSPRING LUNG MYOGENIC PHENOTYPE.
M Gong, J Liu, NS Murty and VK Rehan, Torrance, CA. Harbor-UCLA
Abstract 271

12:45 A 10 YEAR REVIEW OF CENTRAL LINE ASSOCIATED BLOOD STREAM INFECTION PREVENTION EFFORTS IN THE NEONATAL INTENSIVE CARE UNIT: ARE IMPROVEMENTS SUSTAINABLE?
R Koeppel, C UY and K Quan, Orange, CA. University of California, Irvine
Abstract 272

1:00 INDUCTION OF HEME OXYGENASE-1 ATTENUATES THE SEVERITY OF SEPSIS IN A NON-SURGICAL NEONATAL MOUSE MODEL.
K Fujioka, S Lu, S Wong, F Kalish, H Zhao, RJ Wong and DK Stevenson, Stanford, CA. Stanford University School of Medicine
Abstract 273

1:15 A LIPID FORMULATION OF ZINC PROTOPORPHYRIN FOR THE PREVENTION OF NEONATAL HYPERBILIRUBINEMIA DUE TO CHRONIC HEMOLYSIS.
CM Konecny, K Fujioka, S Wong, S Lu, F Kalish, H Zhao, RJ Wong and DK Stevenson, Stanford, CA and La Jolla, CA. Stanford University School of Medicine
Abstract 274

1:30 SURGICAL PROCEDURES INCREASE PROGRESSION AND DURATION OF RETINOPATHY OF PREMATURITY (ROP).
C Torr, B Yoder and J Beachy, Salt Lake City, UT. University of Utah
Abstract 275

1:45 EFFECT OF ACUTE INTRAUTERINE ISCHEMIA ON NRF2 AND ANTIOXIDANT DEFENSES IN THE RAT PUP BRAIN.
E Calma, T Nguyen, M Zhang, T Liu, G Power and AB Blood, Loma Linda, CA. Loma Linda University
Abstract 276

2:00 BENZYL ALCOHOL POISONING RESURFACES IN CHRONICALLY VENTILATED PRETERM LAMBS.
K Zuspan, S Bowen, C Bradford, L Pettet, M Dahl, D Null, B Yoder, R Ward and K Albertine, Salt Lake City, UT and Davis, CA. University of Utah
Abstract 277

2:15 PRETERM BIRTH DECREASES PPARγ PROTEIN ABUNDANCE IN THE ILEUM OF CHRONICALLY VENTILATED PREMATURE LAMBS.
LA Ruybal, L Dong, M Dahl, K Albertine and L Joss-Moore, Salt Lake City, UT. University of Utah
Abstract 278

Neonatology Perinatal Biology I
Chapman #4 (Sunset Center)
Lauren Jantzie and Lisa Joss-Moore, Presiding

12:30 EFFECTS OF POST-INJURY DEXAMETHASONE THERAPY ON BRAIN INFARCT SIZE IN A RAT MODEL OF NEONATAL HYPOXIC-ISCHEMIC ENCEPHALOPATHY.
B Harding, Y Li, Q Ma and L Zhang, Loma Linda, CA. Loma Linda University Children’s Hospital
Abstract 279

12:45 FETAL LEUCINE INFUSION INCREASES LACTATE CONCENTRATIONS IN LATE GESTATION FETAL SHEEP.
A Blake, P Rozance, S Wesolowski, R Wilkening, WW Hay and LD Brown, Aurora, CO. University of Colorado
Abstract 280
1:00 SKELETAL MUSCLE GROWTH IS RESTRICTED DESPITE MAINTAINED HINDLIMB BLOOD FLOW AND OXYGEN CONSUMPTION IN THE LATE GESTATION IUGR FETUS.
L Zastoupil, A Blake, P Rozance, S Wesolowski, WW Hay, R Wilkening and LD Brown, Aurora, CO. University of Colorado School of Medicine

1:15 DEVELOPMENTAL CHANGES IN ANTIOXIDANT DEFENSES IN THE PERINATAL BRAIN.
L Kim, F Najjar, M Zhang, E Calma, T Nguyen, T Liu, G Power and AB Blood, Redlands, CA. Loma Linda University

1:30 HYDROCORTISONE PROTECTS THE BRAIN FROM HYPOXIC-ISCHEMIC INJURY IN NEONATAL RATS.
KR Salcedo-Concepcion, Y Li and L Zhang, Loma Linda, CA. Loma Linda University

1:45 MATERNAL TOBACCO SMOKE EXPOSURE IMPAIRS PLACENTAL FUNCTION AND INDUCES SEX-SPECIFIC ALTERATIONS IN FETAL FATTY ACIDS.
C Weinheimer, M Fitzhugh, P Singh, Z Wang, J Jenkins, T Larsen, M Baack, K Albertine and L Joss-Moore, Salt Lake City, UT and Sioux Falls, SD. University of Utah (Abbott Subspecialty Award)

2:00 EPITHELIAL MEMBRANE PROTEIN 2 (EMP2) DEFICIENCY ALTERS PLACENTAL ANGIOGENESIS MIMICKING FEATURES OF INTRAUTERINE GROWTH RESTRICTION.
A Chu, C Williams and M Wadehra, Los Angeles, CA and Research Triangle Park, NC. David Geffen School of Medicine at UCLA

2:15 EFFECT OF PERINATAL DEVELOPMENT ON NRF2 AND ANTIOXIDANT DEFENSES IN THE RAT PUP BRAIN.
T Nguyen, E Calma, L Kim, M Zhang, T Liu, G Power and AB Blood, Loma Linda, CA. Loma Linda University

Surgery II
Conductor’s Room
Subhas Gupta and Lee Pu, Presiding

12:30 ENHANCED RECOVERY IN PLASTIC SURGERY: A REVIEW OF THE LITERATURE AND A PROPOSAL OF ACTIONABLE MEASURES.
CV Vu and S Gupta, Westminster, CA. Loma Linda University

12:45 GROWING DISPARITY IN COLLECTION RATES: THE EFFECT OF THE AFFORDABLE CARE ACT IN PLASTIC SURGERY.
I Campwala, N Biskup, S Motakef and S Gupta, Loma Linda, CA. Loma Linda University

1:00 LACK OF INPUT SPECIFICITY, GREAT OUTCOME VARIABILITY, AND IMPRECISE RISK CALCULATIONS: PITFALLS OF THE ACS-NSQIP RISK CALCULATOR IN PLASTIC SURGERY.
C Johnson, I Campwala and S Gupta, Loma Linda, CA. Loma Linda University

1:15 PRELIMINARY CLINICAL EXPERIENCE WITH DEOXYCHOLIC ACID IN CONTOURING SUBMENTAL FAT.
DH Lee, J Chidester and S Gupta, Loma Linda, CA. Loma Linda University
1:30 MANAGEMENT AND OUTCOMES OF INCIDENTAL DONOR DERIVED PULMONARY EMBOLISM.
GR Dincheva, EL Bush, P Brandenhoff, M Brzezinski, JP Singer and J Kukreja, San Francisco, CA. University of California, San Francisco

1:45 A RETROSPECTIVE STUDY ON DEMOGRAPHIC, CLINICAL, AND OUTCOME DATA OF WOMEN UNDERGOING SACROSPINOUS LIGAMENT FIXATION.
RJ Patel, JM Heusinkveld and KD Hatch, Tucson, AZ. University of Arizona

2:00 DO CONVERSION TOTAL HIP ARTHROPLASTY YIELD COMPARABLE RESULTS TO PRIMARY TOTAL HIP ARTHROPLASTY?
G Chin, Daly City, CA. University of California, Irvine

2:15 CAPITONNAGE FOR SURGICAL TREATMENT OF PULMONARY CYSTIC ECHINOCOCCOSIS: SYSTEMATIC REVIEW AND META-ANALYSIS.
C Logan and P Pottinger, Seattle, WA. University of Washington School of Medicine
CARMEL RESEARCH PRIZE RECIPIENT PRESENTATION 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

Sunset Center – Studio 105

Friday, January 29, 2016
2:35 PM – 3:25 PM

Fred Buckner and Paul Rozance, Presiding

2:35 INFLUENCE OF PERIPHERAL INSULIN RESISTANCE AND HEPATIC LIPOGENESIS ON LIVER FAT IN OBESE PCOS GIRLS.
Melanie Cree Green, MD, PhD, University of Colorado School of Medicine

3:00 PESTICIDES AND PERSISTENT POLLUTANTS: EFFECTS ON CHILD AND ADULT HEALTH.
Jose R Suarez, MD, MPH, PhD, University of California San Diego

CONCURRENT SESSIONS

Friday, January 29, 2016
3:30 PM – 6:00 PM

Jointly sponsored by

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

Behavior and Development ............................................................... Chapman #4
Community Health II ........................................................................ Promenade Lobby
Health Care Research II ................................................................. Babcock #6
Hematology and Oncology II ............................................................. Carpenter Hall
Infectious Diseases II ....................................................................... Bingham Room #3
Morphogenesis and Malformations ................................................ Rehearsal Room
Neonatology General IV ................................................................. All Saints Church, Seccombe Hall
Nephrology and Hypertension ........................................................ Green Room
Neuroscience II ............................................................................. Conductor’s Room
Surgery III ..................................................................................... Studio 105
Behavior and Development
Chapman #4 (Sunset Center)
Nicole Tartaglia and Kathleen Angkustsiri, Presiding

3:30 ASSOCIATIONS AMONG MOTHER-TODDLER PLAY AND DEVELOPMENT IN PRETERM TODDLERS.
N Moss, D Novak, R Rieger, J Fuller, S Erickson and JR Lowe, Albuquerque, NM. University of New Mexico (Abbott Subspecialty Award)
Abstract 295

3:45 EXPLORING SEX DIFFERENCES IN AUTISM SPECTRUM DISORDERS USING THE CHARGE STUDY.
M White, K Angkustsiri, D Tancredi and R Hansen, Sacramento, CA. University of California, Davis Medical Center
Abstract 296

4:00 WHAT MIGHT EXPLAIN SOCIAL IMPAIRMENTS IN CHILDREN WITH CHROMOSOME 22Q11.2 DELETION SYNDROME?
K Angkustsiri, I Leckliter and TJ Simon, Sacramento, CA. University of California, Davis Medical Center
Abstract 297

4:15 THE EFFECTS OF ANIMAL ASSISTED INTERVENTION ON THE SOCIAL INITIATION BEHAVIORS OF CHILDREN WITH AN AUTISM SPECTRUM DISORDER.
H Albasha, M Kelly, J Andrews and S Rice, Oro Valley, AZ. The University of Arizona College of Medicine - Tucson
Abstract 298

4:30 State-of-the-Art Speaker
SLEEP DIFFERENCES IN CHILDREN WITH AUTISM SPECTRUM DISORDERS: RESEARCH UPDATES.
Ann Reynolds, University of Colorado School of Medicine
Abstract 299

5:00 IMPACT OF ERYTHROPOIESIS STIMULATING AGENTS ON BEHAVIORAL MEASURES IN INFANTS BORN PRETERM AND TERM.
R Rieger, RA Yeo, S Winter, J Phillips, N Moss, RK Ohls and JR Lowe, Albuquerque, NM and Salt Lake City, UT. University of New Mexico (Abbott Subspecialty Award)
Abstract 300

5:15 DEVELOPMENTAL MILESTONES BOOKLETS AID IN EARLY DIAGNOSIS/INTERVENTION.
P Kaluzhny and S Lee, Las Vegas, NV. University of Nevada School of Medicine
Abstract 301

5:45 PARENTAL PERCEPTIONS ABOUT EXERCISE AND ADHD.
SC Cohen, S Taylor, R Rashedi, A Ramakrishnan, R Hansen and J Schweitzer, Sacramento, CA and Davis, CA. University of California, Davis MIND Institute
Abstract 302

Community Health II
Promenade Lobby (Sunset Center)
Jay Erickson, Presiding

3:30 A PROGRESSIVE AND INNOVATIVE APPROACH TO INCREASE THE VARIETY OF RESIDENT EXPOSURE TO UNDERSERVED COMMUNITIES.
SU Das, M Hogan, D Simangan and E Guenechea, Las Vegas, NV. University of Nevada School of Medicine
Abstract 303
3:45  BEFORE IT’S TOO LATE ⇒ VACCINATE: SCHOOL BASED VACCINATION CLINIC IN CONRAD, MT.  
JS Kranseler, Seattle, WA. University of Washington School of Medicine  
Abstract 304

4:00  ENCOURAGING EARLY LITERACY IN THE SWINOMISH INDIAN TRIBAL COMMUNITY THROUGH REACH OUT AND READ.  
LC Thornquist, Seattle, WA. University of Washington  
Abstract 305

4:15  INCREASING INFANT VACCINATION RATES IN PARK COUNTY, MONTANA BY PRENATAL VACCINATION EDUCATION.  
A Seeley, Kirkland, WA. University of Washington School of Medicine  
Abstract 306

4:30  ‘NO SMOKING’ SIGNS IN THE CITY PARKS OF EPHRATA, WASHINGTON.  
DE Marriott, Seattle, WA. University of Washington School of Medicine  
Abstract 307

4:45  QUALITY IMPROVEMENT INTERVENTION TO IMPROVE ANNUAL PAPANICOLAOU SMEAR RATES AMONG HUMAN IMMUNODEFICIENCY VIRUS-INFECTED WOMEN.  
V Ganta, D Patel, S Moonie, A Hunt, J Richardson, D Di John and E Ezeanolue, Las Vegas, NV. University of Nevada Medical Center  
Abstract 308

5:00  ADDICTION BEFORE BIRTH: DRUG ABUSE DURING PREGNANCY.  
RC Braunberger, Seattle, WA. University of Washington School of Medicine  
Abstract 309

5:15  SEXUAL HEALTH AWARENESS COURSE AT FORT PECK COMMUNITY COLLEGE: PEER-EDUCATION, PREVENTION, AND TREATMENT OF SEXUALLY TRANSMITTED INFECTIONS.  
SF Colvin, Seattle, WA. University of Washington School of Medicine  
Abstract 310

5:30  COMPARING THE EDUCATIONAL OUTCOME OF UNDERREPRESENTED IN MEDICINE (URM) AND NON-URM STUDENT PARTICIPANTS IN A HEALTH ENRICHMENT PROGRAM.  
N Rezakahn Khajeh, MJ Vennat and B Afghani, Irvine, CA and Orange, CA. University of California, Irvine  
Abstract 311

5:45  AN EXCHANGE FOR HEALTH: IMPLEMENTING A SYRINGE EXCHANGE PROGRAM IN BROWNING, MT.  
JL Ebner, Seattle, WA. University of Washington  
Abstract 312

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

3:30  State-of-the-Art Speaker  
QUALITY IMPROVEMENT IN CARDIOVASCULAR DISEASE IN LOW AND MIDDLE INCOME COUNTRIES,  
Edward Lee, Keck School of Medicine of University of Southern California

4:00  PATIENT WRITTEN NOTES AND THEIR USE IN PRIMARY CARE: “I FELT LIKE I WAS ABLE TO BE HEARD”.  
MO Anderson, S Jackson, N Oster, S Peacock and J Elmore, Missoula, MT. University of Washington School of Medicine (WAFMR/WAP Student Subspecialty Award Winner)  
Abstract 313
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<thead>
<tr>
<th>Time</th>
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<th>Authors</th>
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<tr>
<td>4:15</td>
<td>PROVIDER/STAFF PERCEPTIONS OF ONLINE PORTAL BARRIERS AND BENEFITS IN A SAFETY NET SETTING.</td>
<td>M Shah, L Tieu and CR Lyles, Pomona, CA and San Francisco, CA. Western University of Health Sciences</td>
<td>Western University of Health Sciences</td>
<td>Abstract 314</td>
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<td>4:30</td>
<td>LISTENING BEYOND AUSCULTATING: A QUALITY INITIATIVE TO IMPROVE HCAHPS COMMUNICATION SCORES.</td>
<td>AN Schneider, E Asher, JR Cartwright, JL Chow, ED Lee, M Nordstrom, MD Schwarz, M Zarin-Pass, L Mazotti and NS Riegels, San Francisco, CA and Oakland, CA. University of California, San Francisco</td>
<td>University of California, San Francisco</td>
<td>Abstract 315</td>
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<td>4:45</td>
<td>PREVALENCE OF HOT THYROID NODULES SUSPICIOUS FOR MALIGNANCY.</td>
<td>D Chang, S Lippman, A Semrad and A Swislocki, Martinez, CA and Sacramento, CA. University of California, Davis School of Medicine</td>
<td>University of California, Davis School of Medicine</td>
<td>Abstract 316</td>
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<td>5:00</td>
<td>REMOVING BARRIERS TO MEDICATION NON-COMPLIANCE: PATIENTS' USE OF A DRUG PRICE COMPARISON WEBSITE TO REDUCE COSTS AND IMPROVE ADHERENCE.</td>
<td>S Orrange, M Ivanova and S Sambasivam, Los Angeles, CA and Cambridge, MA. Keck School of Medicine of University of Southern California</td>
<td>Keck School of Medicine of University of Southern California</td>
<td>Abstract 317</td>
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<td>5:15</td>
<td>THE IMPACT OF FIRST RESPONDER TURNOUT SEGMENT ON SURVIVAL FROM OUT-OF-HOSPITAL CARDIAC ARREST.</td>
<td>NP DeRuyter, S Husain, L Yin, M Olsufka, AM McCoy, C Maynard, LA Cobb, TD Rea and MR Sayre, Seattle, WA. University of Washington School of Medicine</td>
<td>University of Washington School of Medicine</td>
<td>Abstract 318</td>
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<td>5:30</td>
<td>PROSPECTIVE COHORT STUDY OF REMOTE EAR DISEASE DIAGNOSIS USING A SMARTPHONE OTOSCOPE.</td>
<td>MR LaCourse, M Whipple, C Hume, JD Scott and MG Sardesai, Seattle, WA. University of Washington School of Medicine</td>
<td>University of Washington School of Medicine</td>
<td>Abstract 319</td>
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<td>5:45</td>
<td>HIGH-FLUENCE LIGHT EMITTING DIODE-GENERATED RED LIGHT MODULATES KEY CELLULAR CHARACTERISTICS OF SKIN FIBROSIS IN HUMAN SKIN FIBROBLASTS.</td>
<td>A Mamalis, E Koo and J Jagdeo, Sacramento, CA. University of California, Davis</td>
<td>University of California, Davis</td>
<td>Abstract 320</td>
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**Hematology and Oncology II**

Carpenter Hall

Jorge Nieva and Thomas Deloughery, Presiding

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<tr>
<td>3:30</td>
<td>PRETREATMENT CLINICAL PROGNOSTIC FACTORS FOR BRAIN METASTASES FROM BREAST CANCER TREATED WITH GAMMA KNIFE RADIOSURGERY.</td>
<td>AT Roehrig, EA Ferrel, D Benincosa, B Peressini, A MacKay and CM Lee, Seattle, WA; Spokane, WA and Coeur D’Alene, ID. University of Washington</td>
<td>University of Washington</td>
<td>Abstract 321</td>
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<td>3:45</td>
<td>EVALUATION OF MICRONUCLEI FREQUENCY IN CULTURED PERIPHERAL BLOOD LYMPHOCYTES OF PROSTATE CANCER PATIENTS BEFORE AND AFTER PROTON RADIOTHERAPY.</td>
<td>B Chou, M Vazque and A Bertucci, Colton, CA. Loma Linda University</td>
<td>Loma Linda University</td>
<td>Abstract 322</td>
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<td>4:00</td>
<td>ASSESSMENT OF RASSF1C PIRNA-TARGET GENES IN LUNG TUMOR TISSUES.</td>
<td>C Sittlinger, O Fawibe, E Ramley, M Firek, Y Amaar and M Reeves, Loma Linda, CA and Collegedale, TN. Loma Linda University School of Medicine</td>
<td>Loma Linda University School of Medicine</td>
<td>Abstract 323</td>
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MINIBEAM THERAPY AND TISSUE SPARING POTENTIAL.
A Vasantachart, R Tailor, A Dilmanian, J Eley and S Krishnan, Houston, TX; Stony Brook, NY; Baltimore, MD and Loma Linda, CA. Loma Linda University

Abstract 324

IMMUNOLOGIC PROFILE OF HEAD AND NECK SQUAMOUS CELL CARCINOMA CANCER STEM CELLS.
E Warnock, H Serracino, M Glogowska, A van Bokhoven, S Keysar, M Lucia and A Jimeno, Aurora, CO. University of Colorado

Abstract 325

EVALUATION OF MLN0264 AS A NOVEL THERAPY FOR Pancreatic CANCER.
A Schreiber, S Bagby, K Quackenbush, W Messersmith and J Arcaroli, Denver, CO. University of Colorado School of Medicine

Abstract 326

PRECLINICAL EVALUATION OF THE TRANSLATIONAL INHIBITOR SVC112 IN COLORECTAL CANCER.
K Robertson, J Tentler, P Klauck, S Bagby, T Pitts, J Kim and S Eckhardt, Aurora, CO. University of Colorado School of Medicine

Abstract 327

CENTRAL LINE ASSOCIATED BLOOD STREAM INFECTIONS IN PEDIATRIC HEMATOLOGY/ONCOLOGY INPATIENTS AND OUTPATIENTS.
A Cruickshank, WH Meyer and T Carroll, Edmond, OK and Oklahoma City, OK. University of Oklahoma (WAFMR Scholar Awardee)

Abstract 328

CORRELATION BETWEEN EPITHELIAL-MESENCHYMAL TRANSITION AND INVASIVENESS IN OVARIAN CANCER CELL LINES AND ORTHOTOPIC XENOGRAFT.
M McCarthy, H Campos, T Suzuki, A Hill, L Sanderman and J Unterminier, Loma Linda, CA. Loma Linda University

Abstract 329

QUALITY OF ONLINE RESOURCES FOR PANCREATIC CANCER PATIENTS.
L DeGroot and P Ingledew, Vancouver, BC, Canada and Surrey, BC, Canada. University of British Columbia

Abstract 330
4:15 IMPACT OF RAPID ORGANISM IDENTIFICATION WITH MATRIX-ASSISTED LASER DESORPTION/IONIZATION TIME-OF-FLIGHT ON OUTCOMES IN HOSPITALIZED PEDIATRIC PATIENTS.
L Herrera, K Culbreath and W Dehority, Albuquerque, NM. University of New Mexico School of Medicine

4:30 SALMONELLA OSTEOMYELITIS IN IMMUNOCOMPETENT CHILDREN: A CASE SERIES AND REVIEW OF THE LITERATURE.
DF Pavlik, A Gill, M Muller, J Eldredge, M Eickman and W Dehority, Albuquerque, NM. University of New Mexico (WAFMR/WAP Outstanding Resident Award Winner)

4:45 EFFECTIVENESS OF POWERPOINT PRESENTATIONS IN TEACHING EMERGENT DERMATOSIS TO PEDIATRIC RESIDENTS.
GG Still, H Chandnani, S Palathumpat, and O Ingaramo, Las Vegas, NV. University of Nevada Medical Center

5:00 EXPRESSION PATTERNS OF HEME OXYGENASE-1 IN IMMUNE CELLS DURING LATE GESTATIONAL INFLAMMATION.
M Ozen, H Zhao, F Kalish, Y Yang, DB Lewis, RJ Wong and DK Stevenson, Stanford, CA. Stanford University School of Medicine (WAFMR Scholar Awardee)

Morphogenesis and Malformations

Rehearsal Room (Sunset Center)
Marilyn C. Jones and Margaret Adam, Presiding

3:30 State-of-the-Art Speaker
THE CELLULAR AND MOLECULAR MECHANISMS UNDERLYING UNUSUAL INHERITANCE IN CRANIOFRONTONASAL SYNDROME.
Jeffrey O. Bush, University of California, San Francisco

4:00 MICROPHTHALMIA WITH LIMB ANOMALIES (MIM #206920). A RECOGNIZABLE SYNDROME INVOLVING THE DEVELOPMENT OF THE EYES, BRAIN AND LIMBS.
M Del Campo, I Odom, L Gist, J Dwek and KL Jones, La Jolla, CA. University of California San Diego

4:15 CHEST WALL ASYMMETRY AND ABSENT LUNG IN UNIPARENTAL DISOMY 16.
T Wilson, S Dugan and JC Carey, Salt Lake City, UT. University of Utah (WSPR Mead Johnson Travel Award Winner)

4:30 CLASSIFYING CONGENITAL DEFECTS BY CAUSE AND CLINICAL PRESENTATION: A POPULATION-BASED STUDY IN UTAH.
ML Feldkamp, LD Botto, J Byrne, S Krikov and JC Carey, Salt Lake City, UT. University of Utah

4:45 MESODERM LOSS OF SONIC HEDGEHOG AND TGF-BETA SIGNALING CAUSE TRACHEAL MALFORMATIONS.
D Mathur, NS Bhopal, A Fischer and P Minoo, Los Angeles, CA. LAC+USC Medical Center (Abbott Subspecialty Award)

5:00 FUNCTIONAL ENGRAFTMENT OF MURINE MC3T3-E1 PRE-OSTEOBLASTIC CELLS IN A ZEBRAFISH MODEL OF EPIMORPHIC REGENERATION.
BG Douglass, RY Kwon and CH Allan, Seattle, WA. University of Washington
5:15 CRANIOSYNOSTOSIS: VARIANT SEQUENCE ANALYSIS OF THE THYROID SIGNALING PATHWAY.
AE Lewis, Seattle, WA. University of Washington School of Medicine

5:30 GASTROINTESTINAL FEATURES IN A NEWBORN WITH CURRY-JONES SYNDROME.
K Wigby, R Broderick, J Law, KP Davenport, S Bickler and MC Jones, San Diego, CA. University of California San Diego

5:45 A NOVEL DE NOVO MUTATION IN CACNA1A IS ASSOCIATED WITH ATYPICAL NEUROLOGICAL FEATURES AND MITOCHONDRIAL DYSFUNCTION.
NN Derar, C Brown, J Platt and G Enns, Stanford, CA and Pleasant Hill, CA. Stanford University

Neonatology General IV
All Saints Church, Seccombe Hall
Robin K. Ohls and Sonia Bonifacio, Presiding

3:30 JOAN E. HODGMAN LECTURE:
GLOBAL CHILD HEALTH-2015 AND BEYOND. THE MOVING PARTS.
William Keenan, Saint Louis University School of Medicine

4:00 DELAYED EPO THERAPY IMPROVES BEHAVIORAL AND HISTOLOGICAL OUTCOMES AFTER NEONATAL RODENT STROKE.
A Larphaveesarp, M Georgevits, D Ferriero and F Gonzalez, San Francisco, CA. University of California, San Francisco

4:15 A PHASE II RANDOMIZED CONTROLLED TRIAL OF ERYTHROPOIETIN AND HYPOTHERMIA FOR NEONATAL NEUROPROTECTION IN HYPOXIC-ISCHEMIC ENCEPHALOPATHY.
S Juul, F Gonzalez, K Van Meurs, R Ballard and Y Wu, for the NEANT Trial Group, Palo Alto, CA, San Francisco, CA and Seattle, WA. University of California, San Francisco

4:30 DECREASED RISK OF CEREBELLAR HEMORRHAGE IN PREMATURE NEWBORNS EXPOSED TO ANTENATAL MAGNESIUM SULFATE.
D Gano, M Ho, HC Glass, D Xu, AJ Barkovich and D Ferriero, San Francisco, CA. University of California, San Francisco (WSPR Mead Johnson Travel Award Winner)

4:45 MEASURING CALPROTECTIN IN STOOL AS PART OF THE "RULE OUT NECROTIZING ENTEROCOLITIS" EVALUATION.
B MacQueen, R Christensen, D Lambert, V Baer, M Sheffield, C Yost, E Gerday, R Schlaberg, J Lowe, J Shepard and M Cody, Salt Lake City, UT. University of Utah (Abbott Subspecialty Award)

5:00 OUTCOMES OF EXTREMELY LOW BIRTH WEIGHT INFANTS WITH TRANSIENT HYPERGLYCEMIA TREATED WITH INSULIN.
K Barseghyan, R Ramanathan, L Barton and R Cayabyab, Los Angeles, CA. LAC+USC

5:15 IDENTIFICATION OF NEONATAL HEMOLYSIS IN THE WELL BABY NURSERY.
S Srinivas, ME Castillo Cuadrado, RJ Wong, DK Stevenson and VK Bhutani, Stanford, CA. Stanford University School of Medicine
5:30  NON-INVASIVE VENTILATION AND THE EFFECT ON INTUBATION IN NEWBORNS WITH RESPIRATORY DISTRESS SYNDROME: A POPULATION BASED STUDY.
T Chavez, A Lakshmanan, NP Iyer, T Stavroudis, A Garingo, PS Friedlich and R Ramanathan, Los Angeles, CA. Children’s Hospital Los Angeles and LAC+USC Medical Center, Keck School of Medicine, University of Southern California

5:45  IMPACT OF EXTRACORPOREAL MEMBRANE OXYGENATION ON CEREBRAL METABOLISM IN THE NEWBORN BRAIN.
AJ Reitman, PS Friedlich, J Stein, L Paquette, R Chapman, MD Nelson, JL Wisnowski and S Bluml, Los Angeles, CA. LAC+USC Medical Center, Keck School of Medicine of University of Southern California

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

3:30  ASSESSMENT OF URINE PROTEIN DIPSTICK AND PROTEIN/CREATININE RATIO AS DIAGNOSTIC TESTS IN CHILDHOOD NEPHROTIC SYNDROME.
A Sanchez, D Matsell, L Wang, M Catapang, NM Polderman, A Roshan and C Mammen, Vancouver, BC, Canada. University of British Columbia

3:45  PHYSICAL ACTIVITY AND METABOLIC HEALTH IN CHRONIC KIDNEY DISEASE.
WE Bowlby, L Zelnick, C Robinson-Cohen and IH DeBoer, Seattle, WA. University of Washington

4:00  RENAL OUTCOMES IN PEDIATRIC ANTI-NEUTROPHIL CYTOPLASMIC ANTIBODY ASSOCIATED VASCULITIS - A PEDIATRIC VASCULITIS INITIATIVE (PEDVAS) STUDY.
A Chen, C Mammen, D Cabral and K Morishita, Vancouver, BC, Canada. University of British Columbia

4:15  COMPLEMENT INHIBITION FOR PREVENTION AND TREATMENT OF ANTIBODY-MEDIATED REJECTION.
SC Jordan, J Choi and AVo, Los Angeles, CA. Cedars-Sinai Medical Center

4:30  NF-KB TRANSCRIPTIONAL INHIBITION AMELIORATES CISPLATIN-INDUCED ACUTE KIDNEY INJURY (AKI).
C Edelstein, A Ozkok, Q Wang, D Ljubanovic and K Ravichandran, Aurora, CO and Zagreb, Croatia. University of Colorado Denver

4:45  DYING MITOCHONDRIA: REDUCTION OF MITOCHONDRIAL PROTEINS IN PROGRESSIVE KIDNEY DISEASE.
Y Aghajan, M Darshi, S Miyamoto and K Sharma, San Diego, CA. University of California, San Diego (WAFMR/WAP Student Subspecialty Award Winner)

Neuroscience II
Conductor’s Room
Marie-Francoise Chesselet, Presiding

3:30  THE ROLE OF DIACYLGlycerol LIPase IN THE TESTOSTERONE-INDUCED ENHANCEMENT OF RETROGRADE ENDOCANNABINOID SIGNALING IN EXCITATORY INPUTS TO ANOREXIGENIC PRO-OPIOMELANOCORTIN NEURONS.
JL Goethel and E Wagner, Pomona, CA. Western University of Health Sciences
3:45 ANDROGENS RAPIDLY POTENTIATE RETROGRADE ENDOCANNABINOID-MEDIATED INHIBITION OF ANOREXIGENIC POMC NEURONS.
D Fischer and E Wagner, Pomona, CA. Western University of Health Sciences

4:00 THE ROLE OF DIACYLGLYCEROL LIPASE IN THE ANDROGENIC REGULATION OF ENERGY HOMEOSTASIS.
R Propst and E Wagner, Ontario, CA. Western University of Health Sciences

4:15 CALPAIN-2 AND PROTEIN TYROSINE PHOSPHATASE NON-RECEPTOR TYPE 13 COLOCALIZATION IN HIPPOCAMPUS OF ADULT WILDTYPE MICE.
A Kamgar-Parsi, M Baudry and Y Wang, Pomona, CA. Western University of Health Sciences

4:30 IN UTERO HYPOXIA-ISCHEMIA AND LIPOPOLYSACCHARIDE ADMINISTRATION IN RATS INDUCES DEFICITS IN COGNITION EVALUATED USING A NOVEL TOUCHSCREEN PLATFORM.
L Chan, S Robinson and L Jantzie, Albuquerque, NM and Boston, MA. University of New Mexico

4:45 INFANTILE TRAUMATIC BRAIN INJURY IS MITIGATED BY ERYTHROPOIETIN TREATMENT IN A PRECLINICAL RODENT MODEL.
L Chan, J Denson, J Winer, J Maxwell, S Robinson and L Jantzie, Albuquerque, NM and Boston, MA. University of New Mexico

5:00 OXIDATIVELY DEGRADED MITOCHONDRIAL DNA IS A NEWLY IDENTIFIED DAMP FAMILY MEMBER IN ASTROCYTES, AND POTENTIAL TRIGGER OF ALZHEIMER'S DISEASE.
A Mathew and S Hushmendy, Albany, NY. Albany Medical Center

5:15 LEARNING AND MEMORY TESTING IN LAMBS.
S Bowen, A Havlicak, J Beachy, M Dahl, D Null, B Yoder and K Albertine, Salt Lake City, UT; New York, NY and Davis, CA. University of Utah

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

3:30 SAFETY AND EFFICACY OF LIPOSOMAL BUPIVCAINE ACROSS A SPECTRUM OF PLASTIC SURGERY PROCEDURES.
I Campwala, J Chidester and S Gupta, Loma Linda, CA. Loma Linda University

3:45 AN EVALUATION OF ANTIHISTAMINE PRE-TREATMENT IN FACIAL INJECTABLE TREATMENTS.
J Wendt, J Chidester and S Gupta, Loma Linda, CA. Loma Linda University

4:00 INTEGRA FLOWABLE WOUND MATRIX AND THE LOWER EXTREMITY: IMPLICATIONS FOR THE RECONSTRUCTIVE LADDER.
C Johnson and S Gupta, Loma Linda, CA. Loma Linda University

4:15 SPIDER SILK AS A NEXT GENERATION SUTURE.
ME Shapiro, Seattle, WA. University of Washington
4:30 VAGINAL WALL SLING: PILOT STUDY OUTCOMES AND VIDEO DEMONSTRATION OF TECHNIQUE.
S Cheriyan, J Bailey, KY Kim, M Keheila, J Shen and A Staack, Loma Linda, CA and Redlands, CA. Loma Linda University

4:45 DEVELOPMENT OF AN IMPLANTABLE CHITOSAN HEMOSTAT.
M Dopp, Loma Linda, CA. Loma Linda University

5:00 EFFICACY OF ANTEGRADE AND RETROGRADE WARM SALINE PERFUSION DURING RENAL CRYOABLATION FOR URETERAL PRESERVATION.
A Erskine, N Khater, P Yang, J Smith and D Baldwin, Loma Linda, CA. Loma Linda University

5:15 AN ANALYSIS OF INFECTIOUS RISK FROM ENDOSCOPIC VALVE BACKFLOW DURING URETEROSCOPY.
AR Kutzner, J Shen, S Abourbih, C Ritchie, D Baldwin and A Erskine, Colton, CA. Loma Linda University

5:30 DAMAGE TO POLYTETRAFLUROETHYLENE-COATED GUIDEWIRES: A POTENTIAL FOREIGN BODY RISK.
AL Wong, A Erskine, AR Kutzner, S Abourbih, S Cheriyan, P Yang, DS Boskovic and D Baldwin, Loma Linda, CA. Loma Linda University

5:45 INCIDENCE AND RISKS IN THE DEVELOPMENT OF PIN-SITE INFECTIONS AFTER PELVIC EXTERNAL FIXATION.
C McDonald, R Firoozabadi, J Agel and C Kleweno, Seattle, WA. University of Washington School of Medicine
Adolescent Medicine and General Pediatrics III ................................. Rehearsal Room
Community Health III ................................................................. Conductor’s Room
Endocrinology and Metabolism III ................................................. Bingham Room #3
General Internal Medicine and Aging ............................................ Babcock #6
Neonatology General V ............................................................... Carpenter Hall
Neonatology Perinatal Biology II .................................................... Studio 105
Pulmonary and Critical Care II ..................................................... Promenade Lobby
Surgery IV ................................................................................ Green Room

Adolescent Medicine and General Pediatrics III
Rehearsal Room (Sunset Center)
Craig Wong and Walter Dehority, Presiding

8:00  A CLOSE LOOK AT THE USE OF HYPERTONIC SALINE AND HIGH FLOW OXYGEN IN PEDIATRIC PATIENTS HOSPITALIZED WITH RESPIRATORY SYNCYTIAL VIRUS.  
C Mercurio, J Green and B Afghani, Irvine, CA and Orange, CA. University of California, Irvine  
Abstract 378

8:15  COMPARING THE HABITS AND GOALS OF UNDERPREVILEGED AND PRIVILEDGED YOUTH.  
K Nikroo, Irvine, CA. University of California, Irvine  
Abstract 379

8:30  THE VALUE OF THROMBOPROPHYLAXIS IN PEDIATRIC CANCER PATIENTS WITH CENTRAL VENOUS CATHETERS (CVC): A CLOSER LOOK AT THE LITERATURE.  
F Aguirre, L Sekiguchi, KJ Yeung, M Alcayde, J Epstein, N Chintalapati, A Le, A Mehta and B Afghani, Irvine, CA and Orange, CA. University of California, Irvine  
Abstract 380

8:45  EFFECTS OF RISPERIDONE USE IN PEDIATRIC POPULATION WITH ATTENTION DEFICIT HYPERACTIVITY DISORDER (ADHD).  
AJ Garcia, N Kim, J Chang, S Ravikumar, A Morehouse, A Sidhu, A Lee and B Afghani, Los Angeles, CA, Irvine, CA and Orange, CA. University of California, Los Angeles  
Abstract 381

9:00  COMMUNITY ACQUIRED- METHICILLIN RESISTANT STAPHYLOCOCCUS AUREUS (CA-MRSA) INDUCED NECK ABSCESS ASSOCIATED WITH STRIDOR IN A 2-MONTH-OLD INFANT.  
BH Hammond and H Agarwal, Albuquerque, NM. University of New Mexico  
Abstract 382

9:15  DIETARY INTAKES AND GROWTH PATTERNS IN FORMULA-FED INFANTS CONSUMING A MEAT OR DAIRY-BASED COMPLEMENTARY DIET.  
KE Griese, M Tang, NF Krebs and AE Hendricks, Aurora, CO. University of Colorado Denver School of Medicine  
Abstract 383

9:30  IDIOPATHIC PULMONARY HEMOSIDEROSIS PRESENTING AS SEVERE ANEMIA: A CASE REPORT.  
M Cohen and C Nakamura, Las Vegas, NV. University of Nevada  
Abstract 384
9:45  NUTRITIONAL INTAKE OF CHILDREN WITH NEPHROTIC SYNDROME.
NM Polderman, M Cushing, D Marsell, M Catapang, A Sanchez and C Mammen, Vancouver, BC, Canada. British Columbia Children's Hospital

Community Health III
Conductor's Room
Martin Teintze, Presiding

8:00  MEDIA LITERACY EDUCATION TO PREVENT ELECTRONIC NICOTINE DELIVERY SYSTEM USE BY ADOLESCENTS.
A Watson, Seattle, WA. University of Washington School of Medicine

8:15  OBESITY AND DIABETES PREVENTION EDUCATION IN LINCOLN PUBLIC SCHOOLS.
H Kibort-Crocker, Seattle, WA. University of Washington School of Medicine

8:30  SAFE OTC: A COMMUNITY EDUCATION CAMPAIGN IN POWELL, WY.
CV Jackson, Seattle, WA. University of Washington School of Medicine

8:45  EVALUATION OF A COMMUNITY-BASED HEALTH EDUCATION INTERVENTION TO IMPROVE EARLY CHILDHOOD NUTRITION IN RURAL KENYA.
L Matheson, S Walton, N Kotadia, D Webster and V Kapoor, Vancouver, BC, Canada. University of British Columbia

9:00  EVALUATION OF HAND HYGIENE KNOWLEDGE, PRACTICES, AND BARRIERS IN RURAL UGANDA.
Pj Hemmons, T Okuda, V Fung, A Geddes and V Kapoor, Vancouver, BC, Canada. University of British Columbia

9:15  HELPING THE PRE-DIABETIC AND OVERWEIGHT OF MILES CITY ACCESS THE RESOURCES TO PREVENT DIABETES.
B Murphy, Seattle, WA. University of Washington

9:30  EXPANDING ACCESS OF INTRANASAL NALOXONE TO COLUMBIA COUNTY EMERGENCY MEDICAL TECHNICIANS.
T Hughes, Spokane, WA. University of Washington

9:45  TATTOO REGULATIONS: PERMANENT REGULATIONS TO GET INKED IN BUFFALO, WYOMING.
M Johnson, Seattle, WA. University of Washington School of Medicine

Endocrinology and Metabolism III
Bingham Room #3 (Sunset Center)
Kristina M. Utzschneider and Katya Rubinow, Presiding

8:00  TWO NEW GENES INVOLVED IN LIPID METABOLISM?
JM Yaghoubian, N Ehrhardt, JW Burke, U Tan, M Peterfy and S Fuchs, Los Angeles, CA and Pomona, CA. Western University of Health Sciences (WAFMR/WAP Student Subspecialty Award Winner)
8:15 LOW INHIBIN B CORRELATES WITH FEATURES OF METABOLIC SYNDROME IN PREPUBERTAL BOYS WITH KLINEFELTER SYNDROME.
S Davis, N Lalou, M Bardsley, M Temple, K Kowal and J Ross, Aurora, CO; Paris, France and Philadelphia, PA. University of Colorado (WAFMR Scholar Awardee)
Abstract 395

8:30 EXPLORING THIOREDOXIN INTERACTING PROTEIN REGULATED METABOLISM IN ANAPLASTIC THYROID CANCER.
LJ Hostetter, J Morrison, V Sharma, J Severson and B Haugen, Denver, CO. University of Colorado Denver School of Medicine
Abstract 396

8:45 MACROPHAGES SECRETE ESTROGENS WITH EVIDENCE FOR POTENTIAL DE NOVO STEROIDOGENESIS.
S Wang, A Chait and K Rubinow, Seattle, WA. University of Washington (WSCI Travel Award Winner)
Abstract 397

9:00 ROLE OF LIPOPROTEIN LIPASE IN NEURONS OF THE BRAIN.
I Rudenko, K Bruce, H Wang and R Eckel, Denver, CO. University of Colorado School of Medicine
Abstract 398

9:15 CONTROL OF LIPODROPLET SIGNALING IN MURINE SPERMATOZOA.
B Tully, J Duke, K Roberts and T Chauvin, Seattle, WA and Spokane, WA. University of Washington School of Medicine
Abstract 399

9:30 ADRENAL INSUFFICIENCY IN EOSINOPHILIC ESOPHAGITIS PATIENTS TREATED WITH SWALLOWED TOPICAL STEROIDS.
H Rabat, C Wood, G Furuta, D Atkins and S Hsu, Aurora, CO. Children's Hospital Colorado
Abstract 400

9:45 MODY3 AND DIABETES TYPE 2 COMBINE TO YIELD STUBBORN BLOOD SUGAR MANAGEMENT.
J Vercollone, Seattle, WA. University of Washington
Abstract 401

General Internal Medicine and Aging
Babcock #6 (Sunset Center)
David Schade, Presiding

8:00 A RARE COMPLICATION OF A COMMON OBESITY PROCEDURE.
L Ereifej, R Crowell and D Schade, Albuquerque, NM. University of New Mexico
Abstract 402

8:15 DOES ASTHMA INCREASE CARDIOVASCULAR RISK IN TYPE 2 DIABETES?
MD Ehrhart, C Murray-Krezan, F Qeadan and MR Burge, Albuquerque, NM. University of New Mexico
Abstract 403

8:30 MORTALITY DIFFERENTIALS IN U.S. CHINESE AND JAPANESE NATIVES AND IMMIGRANTS COMPARED TO RESPECTIVE COUNTRIES OF ORIGIN: 2003-2011.
K Hastings, D Boothroyd, K Eggleston, M Cullen and L Balaniappan, Oakland, CA. Stanford University
Abstract 404

8:45 PHYSICAL ACTIVITY, BODY FATNESS, AND VISCERAL ADIPOSITY IN OVERWEIGHT LATINO AND NON-LATINO ADULTS.
NA Cameron, J Godino, J Nichols, D Wing, L Hill and K Patrick, La Jolla, CA. University of California, San Diego School of Medicine
Abstract 405
9:00  PSYCHOSOCIAL INDICATORS AND PHYSICAL ACTIVITY AND FUNCTIONING IN A COHORT OF COMMUNITY DWELLING OLDER ADULTS.
I Lin, D Coon, K O’Connor, M Malek-Ahmadi and J Mohler, Tucson, AZ; Phoenix, AZ and Sun City, AZ. University of Arizona (WAFMR/WAP Student Subspecialty Award Winner)

9:15  SAD, ANXIOUS, AND PLANNING FOR THE FUTURE: ARE DEPRESSION AND ANXIETY ASSOCIATED WITH ADVANCE CARE PLANNING?
Y Ramos, R McMahan, R Ramos, S Osua and R Sudore, MD, Seattle, WA and San Francisco, CA. University of Washington School of Medicine

9:30  REASONS FOR DISCHARGE FROM A LARGE OPIOID PRESCRIBING REGISTRY: A RETROSPECTIVE ANALYSIS.
MS Novack, J James, S Jackson, C McKinney, J Merrill and J Klein, Spokane, WA and Seattle, WA. University of Washington School of Medicine

9:45  CANCELLED

Abstract 406

Abstract 407

Abstract 408

Abstract 409

Neonatology General V
Carpenter Hall
Jae Kim and Thomas Shimotake, Presiding

8:00  THE CHANGING PATTERN OF PROCEDURES PERFORMED IN NEWBORNS IN THE STATE OF CALIFORNIA.
T Stavroudis, T Chavez, PS Friedlich, A Garingo, FB Wertheimer and A Lakshmanan, Los Angeles, CA. Children’s Hospital Los Angeles and LAC+USC Medical Center, Keck School of Medicine, University of Southern California

8:15  UTILIZATION PATTERNS OF EXTRACORPOREAL MEMBRANE OXYGENATION IN NEONATES IN THE UNITED STATES 1997-2012.
A Song, R Chapman, PS Friedlich and A Lakshmanan, Los Angeles, CA. Children’s Hospital Los Angeles

8:30  RESOURCE UTILIZATION FOR NEONATES WITH CONGENITAL DIAPHRAGMATIC HERNIA IN THE UNITED STATES 1997-2012.
A Song, PS Friedlich, R Chapman, R Burke, J Upperman, J Stein and A Lakshmanan, Los Angeles, CA. Children’s Hospital Los Angeles

8:45  EPIDEMIOLOGY OF APPARENT LIFE THREATENING EVENTS (ALTE) IN INFANTS IN CALIFORNIA.
ED Deribissa, A Lakshmanan, J Shepherd, PS Friedlich, A Mikhail and A Song, Los Angeles, CA. University of Southern California

9:00  PATTERNS AND PREDICTORS OF RESOURCE UTILIZATION IN NEONATES RECEIVING EXTRACORPOREAL MEMBRANE OXYGENATION IN THE STATE OF CALIFORNIA FROM 2006-2010.
G Chen, A Song, A Lakshmanan, PS Friedlich and R Chapman, Arcadia, CA and Los Angeles, CA. University of Southern California

9:15  HOSPITAL MANAGEMENT OF PATENT DUCTUS ARTERIOSUS IN CALIFORNIA.
S Ngo, J Profit, J Gould and HC Lee, Berkeley, CA and Palo Alto, CA. University of California, Berkeley

Abstract 410

Abstract 411

Abstract 412

Abstract 413

Abstract 414

Abstract 415
9:30 EVALUATION OF BIRTH ATTENDANT COMPLIANCE WITH RATIONAL IMMEDIATE NEBORN CARE AND NEONATAL ASPHYXIA INTERVENTION PRACTICES IN AN INDIAN PEDIATRIC HOSPITAL.
C Orlando, A Allen, M Parkinson, D Shapiro and B Fassl, Centerville, UT. University of Utah School of Medicine
Abstract 416

9:45 SERIAL FOLLOW UP OF MENTAL HEALTH IN LOW-INCOME MOTHERS AFTER NICU DISCHARGE.
NG Lynch, AM Yeh, A Diamond, N Flores, J Eshagian, R Polcyn, A Pham, M Williams, DL Vanderbilt, PS Friedlich and A Lakshmanan, Los Angeles, CA. Children’s Hospital Los Angeles and LAC+USC Medical Center, Keck School of Medicine of University of Southern California
Abstract 417

Neonatology – Perinatal Biology II
Studio 105 (Sunset Center)
Laura D. Brown and Kurt Albertine, Presiding

8:00 PRE-ECLAMPSIA AND INFLAMMATORY PRETERM LABOR ALTER THE HUMAN PLACENTAL HEMATOPOIETIC NICHE.
Abstract 418

8:15 ADIPONECTIN SUPPLEMENTATION IN PREGNANT MICE IMPROVES GLUCOSE TOLERANCE IN OFFSPRING.
M Gossling, FJ Rosario, T Jansson and T Powell, Aurora, CO. University of Colorado (WSPR Mead Johnson Travel Award Winner)
Abstract 419

8:30 UNIVERSITY OF COLORADO FRED BATTAGLIA STATE-OF-THE-ART SPEAKER
INTERPRETING PERINATAL CARDIAC GROWTH.
Sonnet Jonker, Oregon Health Sciences Center

9:00 SYNCHRONOUS ABERRANT CEREBELLAR AND OPERCULAR DEVELOPMENT IN FETUSES AND NEONATES WITH CONGENITAL HEART DISEASE.
A Wong, T Chavez, H Lai, L Paquette and A Panigrahy, Los Angeles, CA, Valhalla, NY and Pittsburgh, PA. New York Medical College
Abstract 420

9:15 SERIAL CEREBELLAR AND OPERCULAR STRUCTURAL DEVELOPMENT OF FETUSES AND NEONATES WITH CONGENITAL HEART DISEASE (CHD) CORRELATED WITH EARLY NEURODEVELOPMENTAL OUTCOMES.
Abstract 421

9:30 ANTENATAL VITAMIN D PRESERVES PLACENTAL WEIGHT AND VESSEL DENSITY AND FETAL GROWTH AFTER INTRA-AMNIOTIC ENDOTOXIN EXPOSURE.
MW Cookson, R Sharon, G Seedorf, B Dodson, SH Abman and E Mandell, Denver, CO and Aurora, CO. University of Colorado
Abstract 422

9:45 THE USE OF HEPATOBILIARY SCINTIGRAPHY IN DIAGNOSING BILIARY ATRESIA IN INFANTS WITH CONJUGATED HYPERBILIRUBINEMIA WHO RECEIVED PARENTERAL NUTRITION.
K Barseghyan, C McLean, T Chavez and R Ramanathan, Los Angeles, CA. LAC+USC
Abstract 423
Pulmonary and Critical Care II
Promenade Lobby (Sunset Center)
Philippe Montgrain, Presiding

8:00 PRESENTING ILLNESS AND MORTALITY OUTCOMES IN PATIENTS INTUBATED IN THE EMERGENCY DEPARTMENT.
J Yeaton, AE Pickering, T Durns, R Miller, Z Roward and L DeLuca, Tucson, AZ. University of Arizona
Abstract 424

8:15 THE EFFECT OF PRESENTING COMPLAINT ON THE RISK OF DEVELOPING VENTILATOR-ASSOCIATED PNEUMONIA FOR PATIENTS INTUBATED IN AN ACADEMIC EMERGENCY DEPARTMENT.
AE Pickering, J Yeaton, T Durns, R Miller, Z Roward and L DeLuca, Tucson, AZ and Tucson, AR. University of Arizona Tucson
Abstract 425

8:30 GENETIC NETWORK IDENTIFICATION, INTERACTION, AND VARIABLE EXPRESSION IN MUC5B VARIANT IDIOPATHIC PULMONARY FIBROSIS.
K Lind, A Walts, A Thor, I Yang and D Schwartz, Greenwood Village, CO. University of Colorado School of Medicine (WAFMR/WAP Student Subspecialty Award Winner)
Abstract 426

8:45 IN VIVO MEASUREMENT OF MOUSE ENDOTHELIAL SURFACE LAYER IN SURFACE CORTICAL MICROVASCULATURE.
MJ Perez, J Ford, Y Yang and E Schmidt, Denver, CO. University of Colorado School of Medicine
Abstract 427

9:00 EXPLORING THE ANTI-INFLAMMATORY EFFECTS OF THE AMYLOIDOGENIC HEXAPEPTIDE, AMYLIN28-33, IN SEPSIS.
S Mahapatra, M Kurnellas, J Rothbard, D Cornfield and L Steinman, Palo Alto, CA; Omaha, NE and Stanford, CA. Stanford University Medical Center (WSCI Travel Award Winner)
Abstract 428

9:15 UNIQUE RAT STRAIN THAT SURVIVES BREATHING HYPEROXIA ALSO RESISTS OBESITY.
K Repine, PV Wilson, N Elkins, J Newman, Q He, KA Baer, J Torres, A Newman, A Fernandez-Bustamante and JE Repine, Aurora, CO. Webb-Waring Center, University of Colorado Anschutz Medical Center
Abstract 429

9:30 State-of-the-Art Speaker
LUNG CANCER IN WOMEN.
Philippe R. Montgrain, VA San Diego / UC San Diego Health

Surgery IV
Green Room (Sunset Center)
Laurel Desnick and Ryan Hall, Presiding

8:00 DOES PREOPERATIVE VITAMIN D DEFICIENCY PREDICT POSTOPERATIVE HYPOCALCEMIA AFTER THYROIDECTOMY?
E Alkbalili, MD Ehrhart and MR Burge, Albuquerque, NM. University of New Mexico
Abstract 430

8:15 UTILITY OF A PORCINE MODEL OF POLYMETHYL METHACRYLATE SPREAD DURING KYPHOPLASTY OR VERTEBROPLASTY.
J Frankl, M Sakata, A Peterson and C Hennemeyer, Tucson, AZ. University of Arizona College of Medicine
Abstract 431
8:30  ASSESSMENT AND COMPARISON OF VACCINATION STATUS IN PEDIATRIC COCHLEAR IMPLANT PATIENTS: A 10 YEAR RETROSPECTIVE REVIEW.  
C Jin, P Téllez, D Lu, J Pauwels, S Dobson and FK Kozak, Vancouver, BC, Canada. University of British Columbia  
Abstract 432

8:45  THE "SIMPLE" CHECKLIST: A CRITICAL APPRAISAL TOOL FOR REVIEWING THE MEDICAL LITERATURE AT JOURNAL CLUB AND BEYOND.  
N Wierks, A Knox and J Arneja, Vancouver, BC, Canada. University of British Columbia  
Abstract 433

9:00  TIMELY EMERGENCY AND URGENT SURGERY ACCESS FOR ACUTELY ILL PEDIATRIC PATIENTS: A RETROSPECTIVE REVIEW.  
S Kim and S Butteworth, Vancouver, BC, Canada. BC Children’s Hospital  
Abstract 434

9:15  IN VIVO ULTRASOUND ELASTICITY IMAGING CLASSIFIES HEALTHY AND DISEASED POSTERIOR TibIAL TENDONS.  
J Klewer, L Gao, J Guerra, J Szivek, M Taljanovic, L Latt and R Witte, Tucson, AZ. University of Arizona  
Abstract 435

9:30  THE ROLE OF ALDOSE REDUCTASE IN THE DEVELOPMENT OF POSTERIOR CAPSULAR OPACIFICATION IN A MOUSE MODEL OF CATARACT SURGERY.  
L Zukin, M Pedler and JM Petrash, Greenwood Village, CO and Aurora, CO. University of Colorado Denver  
Abstract 436

9:45  TISSUE EXPANSION IN PEDIATRIC PATIENTS: A 10-YEAR REVIEW.  
L Bjornson, M Bucevska and C Verchere, Kingston, ON, Canada and Vancouver, BC, Canada. Queen’s University  
Abstract 437
CONCURRENT SESSIONS

Saturday, January 30, 2016
10:15 AM – 11:45 AM

Jointly sponsored by

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

Adolescent Medicine and General Pediatrics IV Rehearsal Room

Health Care Research III Babcock #6

Hematology and Oncology III Green Room

Immunology and Rheumatology II Conductor’s Room

Neonatal Pulmonary IV Bingham Room #3

Neonatology General VI Carpenter Hall

Neonatology Perinatal Biology III Promenade Lobby

Neuroscience III Chapman #4

Adolescent Medicine and General Pediatrics IV
Rehearsal Room (Sunset Center)
Samrat U. Das and Mary Ramos, Presiding

10:15 TESTING THE UTILITY OF STANDARDIZED INTERVIEWS FOR RESIDENCY SELECTION BY DIVIDING THE STANDARDIZED QUESTIONS AMONGST MULTIPLE INTERVIEWERS.
SU Das and ME Bar-on, Las Vegas, NV. University of Nevada School of Medicine

10:30 SOCIAL MEDIA: AN EFFECTIVE METHOD OF ATTRACTING THE MODERN RESIDENCY APPLICANT.
C Casilang and S Mehra, Fresno, CA. University of California, Fresno

10:45 STRETCHING EFFECT ON CHANGES IN ACHILLES TENDON CROSS-SECTIONAL AREA IN RUNNERS.
C Neves, A Johnson and I Hunter, Seattle, WA and Provo, UT. University of Washington School of Medicine

11:00 PEDIATRIC EXPOSURES TO DISHWASHER AND LAUNDRY DETERGENTS: 2013-2014.
M Davis, M Casavant, H Spiller, T Chounthirath and G Smith, Seattle, WA and Columbus, OH. Nationwide Children’s Hospital

11:15 A WELL ORGANIZED SYSTEMATIC APPROACH TO INCREASE RESIDENT SCHOLARSHIP.
SU Das and ME Bar-on, Las Vegas, NV University of Nevada School of Medicine

Health Care Research III
Babcock #6 (Sunset Center)
Leo S. Morales, Presiding

10:15 IMPROVING ASTHMA CARE IN A PEDIATRIC TEACHING CLINIC.
J Lee, A Gogo, D Tancredi and U Shaikh, Sacramento, CA. University of California, Davis Medical Center (WSCIT Travel Award Winner)
10:30 USABILITY TESTING OF THE BURN SURVIVAL KIT WITH HEALTHCARE PROVIDERS IN UGANDA.
A Ribeiro, A Maccan, A Rajwani, J Huebner, M Caulfield, MM Ajiko, N O’Hara and R Evans, Vancouver, BC, Canada and Soroti, Uganda. University of British Columbia

10:45 OCCUPATION-RELATED DIFFERENCES IN HEMOGLOBIN A1C IN A PREDOMINANTLY HISPANIC POPULATION.
A Manshad, JR Bucheli and MR Burge, Albuquerque, NM. University of New Mexico

11:00 A METHOD FOR MULTISTAGE SAMPLING IN THE RANDOMIZATION OF HOUSEHOLD SURVEYS IN DEVELOPING COUNTRIES.
MD Caulfield, A Rajwani, AS Maccan, J Huebner, A Ribeiro, MM Ajiko, N O’Hara and R Evans, Vancouver, BC, Canada; California, CA and Soroti, Uganda. University of British Columbia

11:15 UNDERREPRESENTED MINORITY (URM) MEDICAL STUDENT PERSPECTIVES ON RETENTION AND ADVANCEMENT.
AJ Smith, C Solomon and LS Morales, Seattle, WA. University of Washington School of Medicine

11:30 PRIMARY CARE PROVIDERS’ PERCEPTIONS OF DIABETES PREVENTION PROGRAMS.
EC Vasti, S Tsoi and T Moin, Los Angeles, CA. VA Greater Los Angeles Healthcare System

Hematology and Oncology III
Green Room (Sunset Center)
Thomas Deloughey, Presiding

10:15 CHARACTERIZATION OF A CUSTOM MONOCLONAL ANTIBODY AS A NOVEL TUMOR BIOMARKER IN HUMAN GASTROINTESTINAL CANCERS.
JS Ryan, Q Wang, D Wu, Z Dong and P Wu, Seattle, WA. University of Washington School of Medicine

10:30 LIPOPLEX DELIVERY OF MICRO-RNA 200C TO OVARIAN CANCER CELLS.
L Smith, M Gordon, JL Betker, TJ Anchordoquy and JK Richer, Denver, CO and Aurora, CO. University of Colorado AMC

10:45 PHYSICIAN-PATIENT DISAGREEMENT ON EASTERN COOPERATIVE ONCOLOGY GROUP PERFORMANCE STATUS IS ASSOCIATED WITH INCREASED MORTALITY IN PATIENTS WITH HEMATOLOGIC MALIGNANCIES.
MA Liu, T Hshieh, N Condron, M Wadleigh, P Armand, G Abel and JA Driver, Tucson, AZ and Boston, MA. University of Arizona College of Medicine

11:00 DEVELOPMENT OF OPTIMIZED PROTOCOL FOR GENERATION OF NATURAL KILLER CELLS EXPRESSING CHIMERIC ANTIGEN RECEPTORS FROM HEMATOPOIETIC STEM CELLS FOR CANCER IMMUNOTHERAPY.
A Patel, L Truscott and SN De Oliveira, Pomona, CA and Los Angeles, CA. Western University of Health Sciences

11:15 CHARACTERIZING THE IMMUNE MICROENVIRONMENT OF MALIGNANT PERIPHERAL NERVE SHEATH TUMORS IN ORDER TO GUIDE IMMUNOTHERAPY.
S Jensen, A Singh, S Dry, B Chmielowski, N Federman, F Eilber and E Shurell, Los Angeles, CA. David Geffen School of Medicine at UCLA
Western Meeting Program

11:30 THE BIOLOGY OF MUCIN-2 (MUC2) IN BREAST CANCER.
A Astashchanka and B Jacobsen, Aurora, CO. University of Colorado School of Medicine

Immunology and Rheumatology II
Conductor’s Room
Kevin Deane and Keith K. Colburn, Presiding

10:15 PHENOTYPE OF HUMAN REGULATORY T CELLS EXPRESSING FOXP3 SPLICING VARIANTS.
M Maurano and SF Ziegler, Seattle, WA. University of Washington

10:30 ANTI-CYCLIC CITRULLINATED PROTEIN ASSAYS AND THE FUTURE DEVELOPMENT OF RHEUMATOID ARTHRITIS.
SL Dill, K Deane and ED Jess, Bethesda, MD and Aurora, CO. University of Colorado (WSCI Travel Award Winner)

10:45 TRANSCRIPTOME ANALYSIS OF PSORIASIS AND WOUNDED SKIN.
SX Chen, K Chun, T Hata and R Gallo, La Jolla, CA. University of California, San Diego

11:00 DELAYED RECOGNITION OF HYPER IGD SYNDROME LEADS TO PROLONGED INCORRECT MEDICAL CARE.
B Jagadesan, M Hogan and NW Wilson, Las Vegas, NV. University of Nevada School of Medicine

11:15 State-of-the-Art Speaker
MUCOSAL INFLAMMATION IN THE PATHOGENESIS OF RHEUMATIC DISEASES.
Kristine Kuhn, University of Colorado School of Medicine

Neonatal Pulmonary IV
Bingham Room #3 (Sunset Center)
Adam J. Czynski and Yona Nicolau, Presiding

10:15 EARLY POSTNATAL STEROID USE IN PREMATURE INFANTS AND THE RISK FOR NECROTIZING ENTEROCOLITIS: A COMPREHENSIVE REVIEW.
G Heredia, A Patel, C Chung, J Yao, K Sahrai, P Sathe, Y Michael and B Afghani, Santa Ana, CA and Orange, CA. University of California, Irvine

10:30 THE ASSOCIATION OF CARDIOPULMONARY RESUSCITATION AND PATENT DUCTUS ARTERIOSUS IN NEWBORNS.
T Chavez, T Stavrourdis, PS Friedlich, A Garingo, J Shepherd and A Lakshmanan, Los Angeles, CA. Children’s Hospital Los Angeles and LAC+USC Medical Center, Keck School of Medicine, University of Southern California

10:45 EARLY CUMULATIVE SUPPLEMENTAL OXYGEN (O2) EXPOSURE PREDICTS BRONCHOPULMONARY DYSPLASIA (BPD) IN EXTREMELY LOW GESTATIONAL AGE NEWBORNS (ELGAN).
K Wai, MA Kohn, R Ballard, D Black and RL Keller, San Francisco, CA. University of California, San Francisco
11:00 RESPONSE TO METHOCHOLINE IN NORMAL TERM LAMBS ASSESSED BY FORCED OSCILLATION TECHNIQUE.
Veneroni, M Dahl, K Zuspan, A Lavizzari, S Bowen, D Null, B Yoder, K Albertine and R Dellaca’, Salt Lake City, UT, Milan, Italy and Davis, CA. University of Utah

11:15 RESOURCE UTILIZATION IN THE STATE OF CALIFORNIA FOR NEONATES WITH CONGENITAL DIAPHRAGMATIC HERNIA 2006-2010.
A Song, PS Friedlich, R Chapman, R Burke, J Upperman, J Stein and A Lakshmanan, Los Angeles, CA. Children’s Hospital Los Angeles

11:30 PREVALENCE OF DIAGNOSES ASSOCIATED WITH CHILDREN’S INTERSTITIAL LUNG DISEASE IN THE UNITED STATES 2012.
CA Ulloa, A Song, A Lakshmanan, P Friedlich and N Iyer, Chatsworth, CA. Children’s Hospital Los Angeles

Neonatology General VI
Carpenter Hall
Robert W. DiGeronimo and Kara L. Calkins, Presiding

10:15 SHORT-TERM OUTCOMES OF NEONATES WITH MILD HYPOXIC-ISCHEMIC ENCEPHALOPATHY AFTER THERAPEUTIC HYPOTHERMIA.
M Kirkley, S Kaseman, J Gralla, D Melara, T Grover and C Delaney, Aurora, CO. University of Colorado

10:30 BEDSIDE BLOOD GAS VS. LABORATORY ANALYSIS OF SODIUM: IS THERE A DIFFERENCE?
T Glasberg, T Chavez, R Ramanathan and A Garingo, Los Angeles, CA. University of Southern California

10:45 QUALITY REPORT VIEWING BY NEONATAL PROVIDERS AND RELATIONSHIP TO QUALITY INDICATORS.
N Wahid, M Bennett, J Gould, J Profit and HC Lee, Irvine, CA and Stanford, CA. University of California, Irvine

11:00 THE IMPACT OF PREMATURE ON LOW-INCOME FAMILIES AFTER NICU DISCHARGE: IDENTIFYING MODIFIABLE PREDICTORS.
AM Yeh, NG Lynch, A Diamond, N Flores, R Polcyn, J Eshagian, DL Vanderbilt, PS Friedlich and A Lakshmanan, Los Angeles, CA. Children’s Hospital Los Angeles and LAC+USC Medical Center, Keck School of Medicine of University of Southern California

11:15 THE ASSOCIATION OF THE PATIENT HEALTH QUESTIONNAIRE-2 WITH HEALTH-RELATED QUALITY OF LIFE MEASURES IN LOW-INCOME MOTHERS AFTER NICU DISCHARGE.
A Diamond, AM Yeh, N Lynch, N Flores, J Eshagian, R Polcyn, A Pham, DL Vanderbilt, P Jackson, PS Friedlich and A Lakshmanan, Los Angeles, CA. Children’s Hospital Los Angeles and LAC+USC Medical Center, Keck School of Medicine of University of Southern California

11:30 ASSISTED HOME FEEDING: PREVALENCE AND RISK FACTORS IN NEONATES AT DISCHARGE FROM THE NICU.
B White, C Zang, AP Presson, K Friddle and R DiGeronimo, Salt Lake City, UT. University of Utah School of Medicine
Neonatology Perinatal Biology III
Promenade Lobby (Sunset Center)
Sonnet Jonker and Mariana Baserga, Presiding

10:15 NORMALIZATION OF N-3 FATTY ACIDS DURING WEANING PROTECTS AGAINST TRANSFER OF
MATERNAL WESTERN STYLE DIET INDUCED DYSBIOSIS AND INFLAMMATION.
TK Soderborg, J Friedman, D Lemas, S Santorico, B De la Houssaye, RC Janssen and D Frank, Aurora, CO.
University of Colorado Anschutz

10:30 INSIGHTS INTO PROTECTION FROM HYPOXIC INJURY FROM A ZEBRAFISH GENETIC MODEL.
FB Imam, La Jolla, CA. University of California, San Diego

10:45 MATERNAL TOBACCO SMOKE EXPOSURE SEX-SPECIFICALLY DECREASES LIVER DESATURASE AND
ELONGASE ENZYME MRNA LEVELS IN THE RAT.
K Goodwin, C Weinheimer and I Joss-Moore, Salt Lake City, UT. University of Utah

11:00 LUNG SETD8 MRNA EXPRESSION PEAKS DURING ALVEOLAR FORMATION IN THE RAT.
JT Zhao, Y Yang, R Knecht and I Joss-Moore, Sandy, Salt Lake City, UT. University of Utah

11:15 CEREBRAL VENTRICULAR VOLUMES IN FETUSES AND NEONATES WITH CONGENITAL HEART
DISEASE: A LONGITUDINAL STUDY.
C Hayek, V Rajagopalan, J Meouchy and L Paquette, Los Angeles, CA. LAC+ USC Medical Center

Neuroscience III
Chapman #4 (Sunset Center)
Marie-Francoise Chesselet, Presiding

10:15 NEURON-TARGETED CAVEOLIN-1 ATTENUATES TRAUMATIC BRAIN INJURY-MEDIATED MOTOR
AND COGNITIVE DEFICITS.
ES Posadas, J Egawa, J Schilling, P Patel and B Head, San Marcos, CA and San Diego, CA. University of
California, San Diego (WAFMR/WAP Student Subspecialty Award Winner)

10:30 HIERARCHICAL PROCESSING OF VISUAL STIMULI IN INDIVIDUALS WITH NEPHROPATHIC
CYSTINOSIS AND OBLIGATE HETEROZYGOTES.
AV Sathappan and D Trauner, La Jolla, CA. University of California, San Diego

10:45 RELIABILITY AND VALIDITY OF THE 6-MINUTE WALK TEST AS AN OUTCOME MEASURE IN
OCULOPHARYNGEAL MUSCULAR DYSTROPHY.
M Fernandez and S Youssof, Tucson, AZ and Albuquerque, NM. The University of Arizona

11:00 CHARACTERIZATION OF NEURONS EXPRESSING DELTA AND MU OPIOID RECEPTORS IN
DESCENDING PAIN CONTROL.
SA Low and G Scherrer, Tucson, AZ and Palo Alto, CA. University of Arizona

11:15 State-of-the-Art Speaker
FROM GUT TO BRAIN: WHAT IS NEW IN PARKINSON’S DISEASE?
Marie-Francoise Chesselet, University of California, Los Angeles
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