<table>
<thead>
<tr>
<th>TIME</th>
<th>ACTIVITY &amp; LOCATION</th>
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<tbody>
<tr>
<td><strong>WEDNESDAY, JANUARY 23, 2013</strong></td>
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</tr>
<tr>
<td>1:00 pm – 5:00 pm</td>
<td><strong>Grant Writing Workshop Part I</strong> <em>(all invited)</em></td>
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<tr>
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<td><strong>Studio-105</strong></td>
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<tr>
<td><strong>THURSDAY, JANUARY 24, 2013</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><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 – 12:00 pm</td>
<td><strong>Grant Writing Workshop Part II</strong> <em>(all invited)</em></td>
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<td><strong>Studio-105</strong></td>
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<tr>
<td>10:00 am – 12:00 pm</td>
<td><strong>WSPR Council Meeting</strong></td>
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<td></td>
<td><strong>Pine Inn</strong></td>
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<tr>
<td>11:30 pm – 12:30 pm</td>
<td><strong>New Investigator Workshops</strong> <em>(Intended for Fellows and Jr. Faculty – Lunch included)</em></td>
</tr>
<tr>
<td></td>
<td>Making the Most of Your Mentor: A Guide for Mentees</td>
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<tr>
<td></td>
<td>Ellen A. Schur, MD, MS, University of Washington</td>
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<tr>
<td></td>
<td><strong>Sunset Center – Green Room</strong></td>
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<tr>
<td>12:30 pm – 2:30 pm</td>
<td><strong>Concurrent Sessions</strong></td>
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<td></td>
<td><strong>Sunset Center</strong></td>
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<tr>
<td></td>
<td>Cardiovascular I – Promenade Lobby</td>
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<tr>
<td></td>
<td>Endocrinology and Metabolism I – <strong>Bingham #3</strong></td>
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<tr>
<td></td>
<td>Health Care Research I – <strong>Room #6</strong></td>
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<tr>
<td></td>
<td>Immunology and Rheumatology – <strong>Chapman #4</strong></td>
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<tr>
<td></td>
<td>Neonatology – <strong>General I – Studio 105</strong></td>
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<tr>
<td></td>
<td>Neonatal Pulmonary I – <strong>Rehearsal Room</strong></td>
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<tr>
<td>2:30 pm – 3:30 pm</td>
<td><strong>Break and Poster Session</strong></td>
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<td><strong>Carpenter Hall</strong></td>
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<td><strong>(Presenters in attendance from 2:30 pm to 3:30 pm)</strong></td>
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<tr>
<td></td>
<td>Cardiovascular</td>
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<td>Community Health</td>
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<td>Health Care Research</td>
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<td>Hematology and Oncology</td>
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<td>Pulmonary and Critical Care</td>
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<td>Time</td>
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</tbody>
</table>
| 3:30 pm – 6:00 pm | **Concurrent Sessions**  
*Sunset Center*  
Behavior and Development – *Promenade Lobby*  
Community Health I – *Room #6*  
Hematology and Oncology I – *Green Room*  
Inflammation and Infection – *Studio 105*  
Neonatal Pulmonary II – *Rehearsal Room*  
Neuroscience I – *Chapman #4*  
Surgery I – *Bingham Room #3*               |
| 6:00 pm – 7:30 pm | **Welcome Reception and Student Award Posters, Pizza, and Beer**  
*Jointly sponsored by*  
WAFMR, WAP, WSCI, WSMRF, and WSPR  
*All welcome and encouraged to attend*  
*Carmel Women’s Club*               |
| 7:00 pm – 9:00 pm | **Abbott Nutrition WSPR Reception**  
*Open to all WSPR members, trainees, and guests*  
*Location: TBD*               |
| 7:00 pm – 9:00 pm | **WAFMR Business Meeting**  
*(by invitation only)*  
*Location: TBD*               |

**FRIDAY, JANUARY 25, 2013**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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</thead>
</table>
| 8:00 am – 5:00 pm | **Registration**  
*Sunset Center – Entry Lobby*               |
| 7:00 am – 5:00 pm | **Speaker Ready Room**  
*Sunset Center*               |
| 8:00 am – 11:30 am | **Joint Plenary Session**  
WAFMR, WSCI, WAP, and WSPR  
*Sunset Center – Theater*  
WSCI Outstanding Investigator Award  
WSPR Abbott Nutrition David W. Smith Pediatric Trainee Research Award  
WSPR Abbott Nutrition Lowell Glasgow Student Research Award  
WSPR Abbott Nutrition Young Investigator Research Award  
E.E. Osgood Award  
WAFMR Outstanding Investigator Award  
WSPR Stanley Wright Lecture  
WAP Distinguished Lecture  
Mayo Soley Award presentation               |
| 11:30 am – 12:30 pm | **WSMRF Officers Meeting**  
*Sunset Center – Green Room*               |
| 11:30 am – 12:30 pm | **New Investigator Workshops**  
*(Intended for Fellows and Jr. Faculty – Lunch included)*  
Making the Most of Your Mentor: A Guide for Mentees  
Ellen A. Schur, MD, MS, *University of Washington*  
*Sunset Center – Green Room*               |
<table>
<thead>
<tr>
<th>Time</th>
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<tbody>
<tr>
<td>11:45 am – 12:00 pm</td>
<td>Society Business Meetings</td>
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<td>WSCI WSPR</td>
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<td></td>
<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></td>
<td>Sunset Center</td>
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<tr>
<td></td>
<td>Adolescent Medicine, General Pediatrics, and Nephrology I – Studio 105</td>
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<td>Cardiovascular II – Promenade Lobby</td>
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<tr>
<td></td>
<td>Endocrinology and Metabolism II – Bingham #3</td>
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<tr>
<td></td>
<td>Genetics – Rehearsal Room</td>
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<td></td>
<td>Neonatology – General II – Chapman #4</td>
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<td></td>
<td>Pulmonary and Critical Care I – Room #6</td>
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<tr>
<td>2:30 pm – 3:30 pm</td>
<td>Break and Poster Session</td>
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<td>Poster Session II</td>
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<td>Carpenter Hall</td>
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<td>(Presenters in attendance from 2:30 pm to 3:30 pm)</td>
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<td></td>
<td>Adolescent Medicine, General Pediatrics, and Nephrology</td>
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<td>Gastroenterology</td>
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<td>Genetics and Malformations</td>
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<td>Infectious Diseases</td>
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<td>Neonatal Pulmonary</td>
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<td>Neonatology – General</td>
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<td>Surgery</td>
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<td>3:30 pm – 6:00 pm</td>
<td>Concurrent Sessions</td>
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<td>Community Health II – Promenade Lobby</td>
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<td>Health Care Research II – Green Room</td>
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<td>Infectious Diseases</td>
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<td>Neonatology - General II – Chapman #4</td>
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<td>Nephrology and Hypertension – Room #6</td>
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<td>Surgery II – Studio 105</td>
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<tr>
<td>1:00 pm – 5:30 pm</td>
<td>California Thoracic Society Meeting</td>
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<td>Treating the Whole Patient in COPD</td>
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<td></td>
<td>Carmel Mission Inn</td>
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<tr>
<td>6:00 pm – 7:00 pm</td>
<td>Developmental Biology Club</td>
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<td></td>
<td>Sunset Center – Rehearsal Room</td>
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<tr>
<td>6:00 pm – 7:00 pm</td>
<td>WSCI Reception</td>
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<td>(for WSCI members)</td>
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<td></td>
<td>Sunset Center – Bingham #3</td>
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<tr>
<td>6:30 pm – 8:00 pm</td>
<td>University of Washington Reception</td>
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<td></td>
<td>All UW faculty, fellows, residents and students invited</td>
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<td>Carmel Mission Ranch</td>
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<tr>
<td>6:00 pm – 9:00 pm</td>
<td>West Coast Endocrine Club</td>
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<td>La Playa Hotel</td>
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<td>Time</td>
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</table>
| 6:00 pm – 9:00 pm| **Western Perinatal Club**  
William W. Hay, Jr. MD  
How Fetal Nutrition Guides Nutrition of the Preterm Neonate: A career's work in progress  
*Il Forniao Restaurant - Ocean Avenue Room* |  
| 6:30 pm – 9:30 pm| **UBC Departments of Pediatrics and Pediatric Surgery**  
**Celebration of Student Research Dinner**  
*(UBC Students and Faculty Only)*  
*Pine Inn – Rotunda Room* |  
| 6:30 pm – 9:30 pm| **California Thoracic Society/Western Respiratory Club Dinner**  
Faith T. Fitzgerald, MD, MACP, University of California, Davis  
*Il Forniao Restaurant* |  
| 7:00 pm – 8:00 pm| **Dysmorphology Club**  
*Sunset Center – Rehearsal Room* |  

**SATURDAY, JANUARY 26, 2013**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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</table>
| 7:00 am – 7:45 am| **Breakfast-with-the-Investigator**  
*Monterey Beach Hotel – Captain’s Table* |  
| 7:00 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, General Pediatrics, and Nephrology II – *Chapman #4*  
Community Health III – *Studio 105*  
Endocrinology and Metabolism III – *Bingham Room #3*  
General Internal Medicine and Aging I – *Room #6*  
Neonatology – Developmental Biology – *Rehearsal Room*  
Pulmonary and Critical Care II – *Promenade Lobby*  
Surgery III – *Green Room* |  
| 10:00 am – 11:00 am| **Poster Session III**  
*Carpenter Hall*  
**Presenters in attendance 10:00 am – 11:00 am**  
General Internal Medicine and Aging  
Endocrinology and Metabolism  
Pulmonary and Critical Care  
Surgery |  
| 11:00 am – 12:30 pm| **Concurrent Sessions**  
*Sunset Center*  
Adolescent Medicine, General Pediatrics, and Nephrology III – *Rehearsal Room*  
General Internal Medicine and Aging II – *Bingham Room #3*  
Cardiology III – *Promenade Lobby*  
Health Care Research III – *Room #6*  
Hematology and Oncology II – *Green Room*  
Neuroscience II – *Chapman #4* |
<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Location</th>
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<tbody>
<tr>
<td>12:00 pm – 1:00 pm</td>
<td>Society Officers Planning Meeting</td>
<td>Carmel Women’s Club</td>
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<td>(by invitation only)</td>
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<tr>
<td>12:00 pm – 1:30 pm</td>
<td>Lunch</td>
<td>Carmel Women’s Club</td>
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<td>Open to all attendees</td>
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<tr>
<td>1:00 pm – 3:45 pm</td>
<td>WAP Symposium</td>
<td>Studio 105</td>
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<td>Sponsored by WAP</td>
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<tr>
<td>1:00 pm – 5:40 pm</td>
<td>California Thoracic Society Meeting</td>
<td>Carmel Mission Inn</td>
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<tr>
<td>1:30 pm – 2:30 pm</td>
<td>WSMRF Committee Meeting</td>
<td>Carmel Women’s Club</td>
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<tr>
<td>3:45 pm – 4:00 pm</td>
<td>WAP Business Meeting</td>
<td>Studio 105</td>
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<tr>
<td>6:00 pm – 7:00 pm</td>
<td>WAP Council Meeting</td>
<td>Pine Inn – Rotunda Room</td>
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<td>(by invitation only)</td>
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</tbody>
</table>

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

Kathy Angkustsiri
Jorge Artaza
Edward Auyang
Gary Bellus
Jon Berstein
Michel Boivin
Sonia Bonifacio
Matthew Bouchonville
Virginia Broudy
Laura Brown
Fred Buckner
Marie-Francois Chesselet
Keith Colburn
Kathleen Colleran
Chris Cunniff
Kevin Deane
Thomas Deloughery
Laurel Desnick
Manuel Durand
Ravi Durvasula
Joseph El Youssef
David Evans
Edward Auyang
Heidi Feldman
Karen Foster-Schubert
Shai Friedland
Jeffrey Glenn
Joshua Goldhaber
Edward Goldson
Aida Habetzion
Emil Heinze
Kenneth Izuora
Russell Klein
Vedang Londhe
Carlin Long
Stephen Lu
Amy Manning-Bog
Doug Mastell
Rob Nelson
Mary Ramos

Kathy Angkustsiri
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Kenneth Izuora
Russell Klein
Vedang Londhe
Carlin Long
Stephen Lu
Amy Manning-Bog
Doug Mastell
Rob Nelson
Mary Ramos

Neda Rasouli
Roger Rosenblatt
Katya Rubinow
Fred Sattler
Carol Schermer
Sheree Schrager
Krupa Shah
Vallab (Raj) Shah
April Stempmien-Otero
Savitth Subramaniam
Yijuan Sun
Mark Underwood
Dennis Villareal
David Viskochil
Edward Wagner
Colin White
Ted Wun
Con Yost
Amir Zeki
SPECIALTY CLUB ANNOUNCEMENTS

Friday, January 25, 2013

DEVELOPMENTAL BIOLOGY CLUB
6:00 PM – 7:00 PM
Rehearsal Room – Sunset Center

David W. Smith Memorial Lecture

Sponsored by Mead Johnson Nutrition

WESTERN PERINATAL CLUB

Sponsored by the Perinatal Sections of AAP Districts VIII and IX
and
The California Association of Neonatologists
Ocean Avenue Room – Pine Inn

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

How Fetal Nutrition Guides Nutrition of the Preterm Neonate:
A career's work in progress
Featured Speaker: William W. Hay, Jr. MD, University of Colorado School of Medicine

Supported by Mead Johnson Nutrition

WEST COAST ENDOCRINE CLUB

6:00 PM – 9:00 PM
LaPlaya Hotel

Reception and Scientific Program – All Welcome

Chair: George R. Merriam, VA Puget Sound Health Care System and University of Washington

What's new in the evaluation and treatment of Cushing's syndrome?
Featured Speaker: Lynnette Nieman, MD
Eunice Kennedy Shriver National Institute of Child Health and Human Development
National Institutes of Health

Wine, Cheese and Light Refreshments

Supported by unrestricted educational grants from Corcept Therapeutics and Novartis Oncology
DYSMORPHOLOGY CLUB
7:00 PM – 8:00 PM
Rehearsal Room – Sunset Center

Genetic Unknowns and Rare Knowns

Contact person: Louanne Hudgins, Joseph Shieh, and Jon Bernstein

Supported, in part, through a restricted educational grant from Abbott Nutrition, Abbott Laboratories, Inc.

WAFMR GRANT WRITING WORKSHOP

Part I: Wednesday, January 23, 2012 – 1:00 PM – 5:00 PM
and
Part II: Thursday, January 24, 2012 – 8:00 AM – 12:00 PM

Studio 105, Sunset Center

The WAFMR Grant Writing Skills Workshop is designed for faculty at all career stages who are preparing grant applications to the NIH. The workshop focuses on how to communicate the key elements of successful NIH proposals through the use of didactics and experiential learning. Topics to be discussed include the following:

- Orientation to the NIH and Scientific Review: Overview of the NIH extramural mechanisms of funding and reading and interpreting funding opportunity announcements
- Anatomy of a NIH Grant: Characteristics, content, and function of the various pieces of the proposal including how to write for your reviewers
- Specific Aims and Hypotheses: Writing a concise and captivating first page: How, when and where do I start?
- NIH Peer Review: Understanding the review criteria and review format, what actually happens in the study section, how to interpret reviews, and planning for the inevitable resubmission

INVESTIGATOR WORKSHOP

Thursday, January 24, 2013
11:30 AM – 12:30 PM

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

Sunset Center – Green Room

Making the Most of Your Mentor: A Guide for Mentees
Ellen A. Schur, MD, MS, University of Washington
Cardiovascular I: Advances in Heart Transplantation Across the Millennium

12:30 PM

ADVANCES IN HEART TRANSPLANTATION ACROSS THE MILLENNIUM.

M Tittle, M Rafiei, A Osborne, M Hamilton and J Kobashigawa, Los Angeles, CA.

Cedars-Sinai Heart Institute

Abstract 1

12:45 PM

ABNORMAL SINOATRIAL NODE PACEMAKING ACTIVITY OF ATRIAL-SPECIFIC SODIUM-CALCIUM EXCHANGER KNOCKOUT MICE.

ZM Goldstein, A Torrente, ST Lamp, R Zhang, K Chyu, KD Philipson and JI Goldhaber, Los Angeles, CA. David Geffen School of Medicine at UCLA (WAFMR/WAP Student Subspecialty Award Winner)

Abstract 2

1:00 PM

INTRAUTERINE GROWTH RESTRICTION AFFECTS EXPRESSION OF VEGF AND ITS RECEPTORS IN A MODEL AND GENDER SPECIFIC MANNER IN THE RAT HEART.

E Kaza, CW Callaway, AK Kaza, J Zalla, L Joss-Moore and RH Lane, Salt Lake City, UT. University of Utah School of Medicine (WSPR)

Abstract 3

1:15 PM

LONG-TERM TACROLIMUS HAS SIGNIFICANT RENAL BENEFIT OVER CYCLOSPORINE IN HEART TRANSPLANTATION.

Y Kim, M Rafiei, A Osborne, J Yabuno, M Hamilton and J Kobashigawa, Los Angeles,
CA. Cedars-Sinai Heart Institute

1:30 TACROLIMUS-INDUCED DIABETES LEADS TO MORE DIABETIC COMPLICATIONS AFTER HEART TRANSPLANT.
A Ngan, M Rafiei, A Osborne, M Hamilton and J Kobashigawa, Los Angeles, CA.
Cedars-Sinai Heart Institute

Abstract 4

1:45 DESCRIPTIVE ANALYSIS OF VENTRICULAR FIBRILLATION WAVEFORM PROGRESSION AND ITS RELATIONSHIP TO SURVIVAL.
P Schoene, L Murphy, LD Sherman, J Coult, J Blackwood, C Fahrenbruch and TD Rea, Seattle, WA. University of Washington School of Medicine (WSMRF)

Abstract 5

2:00 FEASIBILITY OF PULSE OXIMETRY SCREENING FOR CRITICAL CONGENITAL HEART DISEASE AT 2600 FEET ELEVATION.
LM Han, SE Klewer, K Blank, MD Seckeler and BJ Barber, Tucson, AZ and Cincinnati, OH. University of Arizona College of Medicine (WSMRF, Non-Member)

Abstract 6

2:15 COMPLETE BLOOD COUNT PROFILE, ATOPY, EOSINOPHILIA AND RISK OF REJECTION IN PEDIATRIC HEART TRANSPLANT RECIPIENTS.
K Arbon, E Albers, S Law, M Kemna and Y Law, Seattle, WA. University of Washington School of Medicine (WSMRF)

Abstract 7

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

Endocrinology and Metabolism I
Bingham Room #3 (Sunset Center)
Savitha Subramanian and Stephanie Page, Presiding

12:30 State-of-the-Art Speaker
DIET, LIVER FAT, AND, GLUCOSE METABOLISM.
Kristina Utzschneider, University of Washington

1:00 NITRIC OXIDE-MEDIATED CONTROL OF VASCULAR MITOCHONDRIAL DYNAMICS IN VIVO.
M Miller, L Knaub, L Olivera and JE Reusch, Aurora, CO; Denver, CO and Bayamon, Puerto Rico. University of Colorado School of Medicine (WAFMR/WAP Student Subspecialty Award Winner) (WSMRF)

Abstract 9

1:15 AN INCREASED COMPLEMENT OF NATURAL KILLER T CELLS CONTRIBUTES TO METABOLIC DYSFUNCTION AND ATHEROSCLEROSIS
IN OBESE MICE.
S Subramanian, M Turner, Y Ding, J Kim, J Buckner, KD O'Brien, A Chait, C Reardon and G Getz, Seattle, WA and Chicago, IL. University of Washington (WAFMR Scholar Award Winner) (WAFMR, WSCI)

Abstract 10

1:30 HEPATIC RESPONSE TO REDUCED MATERNAL GLUCOSE SUPPLY IN FETAL SHEEP.
SM Sekar, P Rozance, W Hay, R Wilkening and S Thorn, Denver, CO. University of Colorado (WSCI Travel Award Winner)

Abstract 11

1:45 DOES SHORT TERM VITAMIN C REDUCE CARDIOVASCULAR RISK IN DIABETES?
E Duran-Valdez, A Gutierrez and DS Schade, Albuquerque, NM and Houston, TX. University of New Mexico

Abstract 12

2:00 VARIABILITY IN BODY FAT DEPOTS AMONG PEOPLE WITH TYPE 2 DIABETES: EFFECT OF WEIGHT LOSS.
JP Almandoz, RH Nelson and JM Miles, Rochester, MN. Mayo Clinic

Abstract 13

2:15 ACANTHOSIS NIGRICANS SCORING AS A PREDICTOR OF IMPAIRED GLUCOSE TOLERANCE AND DIABETES IN OBESE CHILDREN AND ADOLESCENTS.
B Nuyen, A Gamst, S Franklin and J Schwimmer, La Jolla, CA. University of California, San Diego

Abstract 14

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

Health Care Research I
Room #6, Sunset Center
Kathleen Colleran and Sheree M. Schrager, Presiding

12:30 NATIONAL STUDY OF PRIMARY CARE-TREATABLE EMERGENCY DEPARTMENT VISITS AS INDICATORS OF LIMITED ACCESS TO CARE.
P Pukurdpol and AA Ginde, Centennial, CO. University of Colorado School of Medicine (WSMRF)

Abstract 15

12:45 UNDERSTANDING AND OVERCOMING BARRIERS TO OFFICE-BASED PHYSICIANS' TREATMENT OF OPIOID ADDICTION.
E Hutchinson and R Rosenblatt, Seattle, WA. University of Washington School of Medicine (WSMRF)

Abstract 16

1:00 PANDA: EVALUATION OF A SMARTPHONE-BASED PERIOPERATIVE PAIN ASSESSMENT TOOL.
11

T Sun, N West, M Ansermino, C Montgomery, G Lauder and C von Baeyer, Vancouver, BC, Canada and Saskatoon, SK, Canada. BC Children's Hospital

Abstract 17

1:15 IMPROVING CARE QUALITY FOR CHILDREN ADMITTED FOR ACUTE ASTHMA: A MULTI-HOSPITAL IMPLEMENTATION OF AN ASTHMA CARE PROCESS MODEL.
B Fassl, F Nkoy, B Stone, K Valentine, C Reynolds and C Maloney, Salt Lake City, UT. University of Utah (WAFMR, WSPR)

Abstract 18

1:30 TRENDS IN ON AND OFF-LABEL MODAFINIL USAGE IN A NATIONALLY-REPRESENTATIVE SAMPLE.
RA Penaloza, U Sarkar, DM Claman and TA Omachi, San Francisco, CA. University of California, San Francisco

Abstract 19

1:45 EVALUATION OF TELEHEALTH TO SUPPORT PEDIATRIC SEXUAL ABUSE EXAMINATIONS IN RURAL COMMUNITIES.
S Miyamoto, C Boyle, NH Yang, J Marcin and M Dharmar, Sacramento, CA. University of California Davis

Abstract 20

2:00 BASELINE CENTRAL VENOUS ACCESS PERFORMANCES OF GRADUATING SENIOR MEDICINE RESIDENTS.
J Smith and J Hui, Los Angeles, CA and Sylmar, CA. David Geffen School of Medicine at UCLA (WSMRF)

Abstract 21

2:15 FINDING THE PERFECT DOCTOR: IDENTIFYING LGBT-FRIENDLY HEALTHCARE PROVIDERS.
J Khalili and A Diamant, Los Angeles, CA. David Geffen School of Medicine at UCLA

Abstract 22

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

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

12:30 ACUTE KIDNEY INJURY: B-CELLS AND THE ROLE OF IL-10.
J McCullough and J Thurman, Aurora, CO. University of Colorado School of Medicine (WAFMR/WAP Student Subspecialty Award Winner)

Abstract 23

12:45 IL-17 INDUCES PROINFLAMMATORY CYTOKINE PRODUCTION IN CORD BLOOD MIXED MONONUCLEAR CELLS IN RESPONSE TO GROUP B STREPTOCOCCUS.
JE Caron, TR LaPine, NH Augustine, TB Martins, A Kumanovics and HR Hill, Salt Lake City, UT. University of Utah

1:00 ANALYSIS OF WOUND HEALING USING HIGH-THROUGHPUT RNA-SEQUENCING.
DX Zhang, M Lam and C Glass, La Jolla, CA. University of California, San Diego (WSMRF)

Abstract 24

1:15 EXPLOITING PROTEASE ACTIVITY TO IMAGE AND UNDERSTAND ASTHMA.
CN Felsen, M Whitney, E Savariar and R Tsien, La Jolla, CA. University of California, San Diego (WSMRF)

Abstract 25

1:30 PLATELET-ACTIVATING FACTOR AND LIPOPOLYSACCHARIDE FAIL TO INDUCE SLAMF7 PROTEIN EXPRESSION IN PMNS ISOLATED FROM PREMATURELY BORN INFANTS.
CC Yost, M Naegle, A McInturff and M Cody, Salt Lake City, UT. University of Utah (WSCI Travel Award Winner) (WSPR)

Abstract 26

1:45 DISCOVERY OF TGF-BETA MIMETICS THROUGH THE OPTIMIZATION OF A CELL-BASED, HIGH-THROUGHPUT ASSAY.
A Zorian, P Hong and D Cruz, Los Angeles, CA. David Geffen School of Medicine at UCLA

Abstract 28

2:00 EXPRESSION OF SURFACE APRIL AND ITS RECEPTOR, TACI, IS UPREGULATED ON B CELLS FROM SYSTEMIC LUPUS ERYTHEMATOSUS AND RHEUMATOID ARTHRITIS PATIENTS.
S Sachdeva, A Weldon, S Hsu, SK Nazeri, J Gonzalez, A Parra, A Benitez, K Colburn, I Moldovan and K Payne, Loma Linda, CA. Loma Linda University Medical Center (WAFMR Scholar Award Winner)

Abstract 29

2:15 ONCOGENIC ACTIVATION OF MAPK IN RHEUMATOID ARTHRITIS SYNOVIAL FIBROBLASTS.
E Heinze, G Chan, E Li, N Farmani, A Rubell, RN Nishimura, K Colburn and RH Weisbart, Sylmar, CA; Sepulveda, CA; Los Angeles, CA and Loma Linda, CA. Olive View UCLA Medical Center (WAFMR)

Abstract 30

2:30 pm – 3:30 pm Break and Poster Session
Neonatology - General I
Studio 105 (Sunset Center)
Erika Fernandez and Amber Messier-Gieri, Presiding

12:30 VALIDATION OF NON-INVASIVE HEMOGLOBIN MEASUREMENT BY PULSE CO-OXIMETER IN NEWBORN INFANTS WITH <3000G BIRTH WEIGHT.
C Nicholas, R George, R Cayabyab, S Sardesai, M Durand and R Ramanathan, Los Angeles, CA. Los Angeles County + University of Southern California Medical Center

12:45 THE EFFECT OF PROBIOTICS ON METABOLIC BONE DISEASE IN PREMATURE INFANTS.
KC Stillwell and MA Underwood, Sacramento, CA. University of California Davis Medical Center

1:00 UTILITY OF TORCH INFECTION SCREENING IN SMALL FOR GESTATIONAL AGE INFANTS.
D Wei, L Barton and S Sardesai, Los Angeles, CA. Los Angeles County + University of Southern California Medical Center

1:15 PULMONARY HYPERTENSION IN INFANTS WITH OMPhALOCELE.
S Hutson, J Baerg, J Woelk, A Lavery, A Hopper and DA Goff, Loma Linda, CA. Loma Linda University

1:30 DIFFERENCES IN CLINICAL PRESENTATION OF PRETERM INFANTS (BIRTH WEIGHT ≤ 1250 GRAMS) WITH SPONTANEOUS INTESTINAL PERFORATION.
AM Fischer, M Durand, L Vachon, L Barton and R Cayabyab, Los Angeles, CA. Los Angeles County + University of Southern California Medical Center

1:45 DISTRIBUTION OF PLASMA LIPOPROTEIN SIZE IN PRETERM INFANTS IN THE FIRST MONTH OF LIFE.
J Scoble, JT Smilowitz, J German and M Underwood, Sacramento, CA and Davis, CA. University of California, Davis

2:00 CONGENITAL HEART DISEASE IN LOW BIRTH-WEIGHT INFANTS: EFFECTS OF SMALL FOR GESTATIONAL AGE STATUS ON POST-OPERATIVE OUTCOMES.
D Wei, C Azen, S Bhombal, L Hastings and L Paquette, Los Angeles, CA. Children's Hospital Los Angeles
2:15 EXPRESSION OF LMX1B, KERATOCAN, LUMICAN AND DECORIN DURING NEPHROGENESIS.
AJ Espinoza, JM Feenstra, CU Pira and KC Oberg, Loma Linda, CA. Loma Linda University

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

Neonatal Pulmonary I
Rehearsal Room, Sunset Center
Cindy McEvoy and Vedang A. Londhe, Presiding

12:30 ROSIGLITAZONE INDUCES THE DEVELOPMENT OF MACROPHAGE M2 PHENOTYPE AND THE SUBSEQUENT EXPRESSION OF ANTIINFLAMMATORY SIGNALS.
A Botros, S Husain, R Sakurai, J Torday, V Rehan and KY Kwong, Torrance, CA. Los Angeles Biomedical Research Institute

12:45 THE UNIQUE ROLE OF THE NF-ΚΒ INHIBITORY PROTEIN IΚΒΒ IN MEDIATING THE RESPONSE TO INFLAMMATION IN THE DEVELOPING LUNG.
KA Michaelis, J Luna, K Han, T Liu, J Tang, V Balasubramaniam, SH Abman and CJ Wright, Aurora, CO. University of Colorado School of Medicine

1:00 State-of-the-Art Speaker
VITAMIN C AND IN-Utero SMoKE: A NOVEL APPOACH TO BLOCK SOME OF THE FETAL ORIGINS OF INFANT LUNG DISEASE.
Cindy T. McEvoy, Oregon Health & Science University

1:30 B-NATRIURETIC PEPTIDE (BNP) AND URINARy CGMP IN INFANTS WITH CONGENITAL DIAPHRAGMATIC HERNA (CDH).
MA Steurer, P Ballard, C Chapin, J Fineman and R Keller, San Francisco, CA. University of California San Francisco (WSPR Mead Johnson Travel Award Winner)

1:45 HIGH FAT DIET AND INTRAUTERINE GROWTH RESTRICTION ALTER SETD8 MRNA IN A SEX-DEPENDENT MATTER IN NEWBORN RAT LUNG.
SN Ashmore, Y Wang, C Jiang, A Sainz, R Lane, E Zinkhan and L Joss-Moore, Salt Lake City, UT. University of Utah

2:00 INTRAUTERINE GROWTH RESTRICTION ALTERS MRNA TRANSCRIPT LEVELS OF AROMATASE AND SURFACTANT PROTEIN IN NEONATAL RAT LUNG.
**Abstract 43**

2:15  **MILD NEONATAL HYPOXIA EXPOSURE DECREASES LUNG STATIC COMPLIANCE IN MALE IUGR RATS.**

A Sainz, J Stiers, Y Wang, K Albertine, R Lane and L Joss-Moore, Salt Lake City, UT. *University of Utah (WAFMR Scholar Award Winner)*

**Abstract 44**

2:30 pm – 3:30 pm Break and Poster Session
Poster Session I

Jointly sponsored by

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

Carpenter Hall

12:30 PM – 5:30 PM
Thursday, January 24, 2013

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

Cardiovascular
Community Health
Health Care Research
Hematology and Oncology

<table>
<thead>
<tr>
<th>Poster Number</th>
<th>Cardiovascular</th>
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| 1             | REDUCING RISK OF CARDIOVASCULAR DISEASE THROUGH DIETARY MODIFICATIONS IN THE DARHAD VALLEY, MONGOLIA.  
S White, Seattle, WA. University of Washington School of Medicine (WSMRF)  
Abstract 45 |
| 2             | INVESTIGATION OF MATERNAL, FETAL, AND UTEROPLACENTAL HEMODYNAMICS IN HIGH RISK PREGNANCIES.  
K Kjos, R Ghashghaei, K Klisser and D Woelkers, San Diego, CA. University of California San Diego  
Abstract 46 |
| 3             | NEW ONSET LEFT VENTRICULAR HYPERTROPHY AFTER HEART TRANSPLANTATION: WHAT IS THE MEANING?  
A Osborne, M Rafiei, R Razi, M Hamilton and J Kobashigawa, Los Angeles, CA. Cedars-Sinai Heart Institute  
Abstract 47 |
| 4             | CHRONIC ANEMIA AFTER HEART TRANSPLANTATION: IS IT A MARKER FOR POOR OUTCOME?  
J Yabuno, M Rafiei, A Osborne, R Razi, M Hamilton and J Kobashigawa, Los Angeles, CA. Cedars-Sinai Heart Institute |
5 RIGHT VENTRICULAR LEAD PRECLUSION BY MECHANICAL TRICUSPID VALVE.
A Rafael and MB West, Albuquerque, NM. University of New Mexico

6 EDUCATING THE ELDERLY OF BAKER, MONTANA ABOUT HEAT-RELATED ILLNESS.
LW Carson, Seattle, WA. University of Washington (WSMRF)

7 ADDRESSING HYPERTENSION THROUGH LOCAL DIETARY OPTIONS IN REXBURG, IDAHO.
L Stecker, Seattle, WA. University of Washington School of Medicine

8 SHOULD CADAVER LAB BE INTRODUCED TO PREMEDICAL STUDENTS IN AN EFFORT TO PROMOTE THEIR INTEREST TOWARDS HEALTH CAREERS?
B Afghani, J Manalang, A Salazar, J Lee and K Kim, Irvine, CA. University of California Irvine

9 EXPONENTIAL IMPACT OF A CASCADING MENTORSHIP MODEL ON THE COMMUNITY.
K Anaya, M Delgado, J Unrau, K Kim, M Alvarez and B Afghani, Irvine, CA. University of California Irvine School of Medicine

10 EFFECT OF PROVIDING COURSE CREDIT ON DROP-OUT RATES IN A MENTORSHIP PROGRAM.
N Unaka, A Su, V Dang, I Chang and B Afghani, Irvine, CA. University of California Irvine

11 THE EFFECTIVENESS OF DELIVERING HEALTH EDUCATION MODULES TO STUDENTS IN REMOTE NORTHERN INDIA.
Z Zimmerman, V Kapoor, K Allan, K Deschner, A Jawanda, G Lam, J Fairley and T Skutezky, Vancouver, BC, Canada. University of British Columbia
12  A COMMUNITY-PARTNERED APPROACH TO DEVELOPING A MATERNAL AND NEWBORN CHILD HEALTH PROGRAM FOR RURAL VILLAGES IN NORTHERN INDIA.
   C Walsh, JJ Wei, C Walsh and J Ory, Vancouver, BC, Canada. University of British Columbia

Health Care Research

13  ROOM TO IMPROVE: INFREQUENT USE OF BEHAVIOR CHANGE COUNSELING AND PATIENT-CENTERED COMMUNICATION WITH DIABETIC PATIENTS IN A SAFETY NET CLINIC.
   KL Chen and N Ratanawongsa, Los Angeles, CA and San Francisco, CA. David Geffen School of Medicine at UCLA

14  AWARENESS OF SICKLE CELL GENOTYPE AMONG NIGERIANS IN THE UNITED STATES.
   S Shahani, EE Ezeanolue and S Obaro, Las Vegas, NV and Omaha, NE. University of Nevada School of Medicine

15  A COMPARISON OF DIGITAL BREAST TOMOSYNTHESIS AND FULL FIELD DIGITAL MAMMOGRAPHY IN THE DETECTION OF BREAST CANCER.
   A Moradzadeh and LW Bassett, Los Angeles, CA. David Geffen School of Medicine at UCLA

16  A FINANCIAL COMPARISON SUPPORTING MULTIDISCIPLINARY OBSTETRICS SIMULATION OVER TRADITIONAL NURSING EDUCATION IN LABOR AND DELIVERY EMERGENCY MANAGEMENT.
   S Stone, K Daniels, L Halamek and A Puck, Palo Alto, CA and Stanford, CA. Lucille Packard Children's Hospital at Stanford

17  EMERGENCY MEDICAL IDENTIFICATION USE IN ADULTS WITH DIABETES.
   H Nguyen, C Soller, M Bouchonville and P Kapsner, Albuquerque, NM. University of New Mexico Health Sciences Center
18 EMPOWERING URBAN LATINOS SEEKING MENTAL HEALTH SERVICES WITH CULTURALLY APPROPRIATE INFORMATIONAL MATERIALS ON DEPRESSION AND ANXIETY.
NS Monico-Cristales, Seattle, WA. University of Washington School of Medicine (WSMRF)

19 OUTCOME OF PATIENTS IMMOBILIZED BY ED STAFF, BUT NOT BY EMS PROVIDERS.
RR Tello, D Braude, L Fullerton and P Froman, Albuquerque, NM. University of New Mexico School of Medicine (WSMRF)

20 A PILOT STUDY TO IMPROVE IMMUNOSUPPRESSANT MEDICATION ADHERENCE IN ADULT KIDNEY TRANSPLANT RECIPIENTS.
E Hendren and J Gill, Vancouver, BC, Canada. University of British Columbia (WSMRF)

21 HOW MANY WORK HOURS ARE REQUISITE TO PUBLISH A MANUSCRIPT?
D Song, N Abedi and J Arneja, Vancouver, BC, Canada. University of British Columbia

22 ADDRESSING UNDER-UTILIZATION OF FAMILY PLANNING SERVICES IN RURAL UGANDA THROUGH SIDE-EFFECT BASED EDUCATION OF HEALTH WORKERS.
J Wackerbarth, Seattle, WA and Kampala, Uganda. University of Washington (WSMRF)

23 DELAYS ASSOCIATED WITH INPATIENT ADMISSIONS FROM THE EMERGENCY DEPARTMENT.
C Larsen, D Colling and C Maloney, Salt Lake City, UT. University of Utah

24 CARING FOR THE WOOD-WORKERS: TWO-YEAR OUTCOMES OF A LUMBERYARD WELLNESS INCENTIVE PROGRAM.
LW Raymond, J Pankowski, H Shiflett and D Hall, Charlotte, NC. University of North Carolina, Chapel Hill (WAFMR)
25 ABIRATERONE-ASSOCIATED DELIRIUM: RECURRENCE WITH RE- TREATMENT.
LW Raymond, JP Carr, C Only, J Yeomans and JS Salmon, Charlotte, NC and Chapel Hill, NC. Carolinas HealthCare System (WAFMR)

26 SKIN CANCER PREVENTION IN THE HISPANIC AGRICULTURAL COMMUNITY OF OTHELLO, WA.
S Aalami, Seattle, WA. University of Washington (WSMRF)

27 COMPARING THE EFFICACY OF GAS6/MER PETHWAY INHIBITORS IMER AND UNC MER TKI WITH AND WITHOUT AN ADP INHIBITOR (P2Y1 AND P2Y12) IN VITRO AND IN VIVO.
L Law, B Branchford, G Brodsky, M Sumner, D Graham and J Di Paola, Aurora, CO. Colorado University Medical School

28 FAMILY HEALTH HISTORY & CANCER PREVENTION IN LATINOS OF SOUTHWEST SEATTLE.
F Delgado, Seattle, WA. University of Washington (WSMRF)

29 DIAGNOSTIC DISAGREEMENTS & ERRORS UNCOVERED DURING RESEARCH ACTIVITIES.
S Feng, D Weaver, L Reisch, M Rendi, A Goodwin, B Geller, T Onega, K Allison and J Elmore, Seattle, WA; Burlington, VT and Hanover, NH. University of Washington (WSMRF)

30 OUTCOME OF PATIENTS WITH FOLLICULAR MYCOSIS FUNGOIDES.
S Krishnasamy, L Pinter-Brown, A Sergio and M Chiu, Los Angeles, CA. David Geffen School of Medicine at UCLA

31 GENDER DIFFERENCES IN MELANOMA: A COMPARATIVE ANALYSIS OF TWO POPULATION-BASED STUDIES.
V Ianakieva, D Ianakieva, S Torres and M Berwick, Albuquerque, NM. University of New Mexico School of Medicine
**CONTRAST-ENHANCED DEDICATED BREAST COMPUTED TOMOGRAPHY DETECTION OF INVASIVE BREAST CANCER PRECEDING MAMMOGRAPHIC DIAGNOSIS: A CASE REPORT.**  
ND Prionas, S Aminololama-Shakeri, K Yang, SR Martinez, KK Lindfors and JM Boone, Sacramento, CA. *University of California Davis Medical Center (WSMRF)*  
Abstract 76

**A FULL VIEW OF THE ONCOLOGY CONTINUUM: LEARNING ONCOLOGY THROUGH A NOVEL INTERDISCIPLINARY CLERKSHIP ELECTIVE.**  
E Thau, S Hamilton, L Lai, A Lee and P Ingledew, Vancouver, BC, Canada and Surrey, BC, Canada. *University of British Columbia*  
Abstract 77

**METFORMIN USE AND RECURRENCE IN PATIENTS WITH ORAL CAVITY/ OROPHARYNX SQUAMOUS CELL CARCINOMA.**  
Y Sanaiha, C Thompson, D Elashoff, B Kim, M Wang and M St. John, Los Angeles, CA. *David Geffen School of Medicine, UCLA (WSMRF)*  
Abstract 78

**EGFR MUTATION ANALYSIS IN PRIMARY LUNG ADENOCARCINOMA DIAGNOSED BY RADIAL EBUS-GUIDED BRONCHOSCOPY.**  
H Shah and A Chrissian, Loma Linda, CA. *Loma Linda University Medical Center (CTS)*  
Abstract 79
CONCURRENT SESSIONS

Thursday, January 24, 2012
3:30 PM – 6:00 PM

Jointly sponsored by

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

Behavior and Development ................................................................. Promenade Lobby
Community Health I ................................................................................... Room #6
Hematology and Oncology I ................................................................. Green Room
Inflammation and Infection ...................................................................... Studio 105
Neonatal Pulmonary II ................................................................................ Rehearsal Room
Neuroscience I ............................................................................................ Chapman #4
Surgery I ....................................................................................................... Bingham Room #3

Behavior and Development
Promenade Lobby (Sunset Center)
Heidi M. Feldman and Edward Goldson, Presiding

3:30 State-of-the-Art Speaker
ADVERSE OUTCOMES AFTER PRETERM BIRTH: THE ROLE OF WHITE MATTER INJURY.
Heidi Feldman, Stanford University

4:00 EXECUTIVE FUNCTION MEDIATES EFFECTS OF GESTATIONAL AGE ON BEHAVIOR PROBLEMS IN PRESCHOOL CHILDREN.
N Alduncin and IM Loe, Stanford, CA. Stanford University (WSPR Mead Johnson Travel Award Winner)

4:15 EARLY ADVERSITY AS A MEDIATOR OF THE EFFECTS OF PRENATAL METHAMPHETAMINE EXPOSURE ON NEUROBEHAVIORAL DISINHIBITION: RESULTS FROM THE INFANT DEVELOPMENT, ENVIRONMENT, AND LIFESTYLE STUDY.
ZN Kiblawi, LM Smith, LL LaGasse, C Derauf, E Newman, R Shah, A Arria, M Huestis, S DellaGrotta, B Abar, LM Dansereau, C Neal and BM Lester, Torrance, CA and Providence, RI. Harbor-UCLA Medical Center (WAFMR Scholar Award Winner)

Abstract 80

Abstract 81
4:30 CAN READMISSION FOR NEONATAL HYPERBILIRUBINEMIA BE PREVENTED?
F Vora and R Schanler, Loma Linda, CA; New Hyde Park, NY and Hempstead, NY. Loma Linda University Medical Center
Abstract 82

4:45 EARLY IMMUNIZATION RATES AMONG CHILDREN WITH TYPICAL DEVELOPMENT AND AUTISM SPECTRUM DISORDERS.
K Angkustsiri, DD Li and RL Hansen, Sacramento, CA. University of California Davis MIND Institute (WSPR)
Abstract 83

5:00 TEACHING CHILDREN HEALTHY FOOD CHOICES THROUGH ACTIVITIES AND VISUAL DISPLAYS.
DK Jenkins, Seattle, WA. University of Washington School of Medicine (WSMRF)
Abstract 84

5:15 ENCOURAGING PEER-TO-PEER YOUTH ACTIVISM TO FIGHT DRUNK DRIVING IN CODY, WYOMING.
M Sunseri, Seattle, WA. University of Washington School of Medicine (WSMRF)
Abstract 85

5:30 DEVELOPMENTAL OUTCOMES OF INFANTS WITH HYPOXIC ISCHEMIC ENCEPHALOPATHY AFTER WHOLE BODY COOLING.
K Govindappa, K Angkustsiri, J Scoble and R Hansen, Sacramento, CA. University of California, Davis Medical Center (WAFMR Scholar Award Winner) (WSPR, WSPR)
Abstract 86

Community Health I
Room #6, Sunset Center
Laurel Desnick, Presiding

3:30 VIDEO-BASED ROLE PLAYING: AN INNOVATIVE APPROACH TO QUALITATIVE DATA ACQUISITION AND HIV/STI PREVENTION AMONG MEN WHO HAVE SEX WITH MEN IN LIMA, PERU.
D Harrison, Los Angeles, CA. UCLA David Geffen School of Medicine (WSMRF)
Abstract 87

3:45 HEALTH BEHAVIORS & PERCEPTIONS OF SPANISH SPEAKING EMPLOYEES IN WASHINGTON.
I Casimiro, M Kohn, P Hannon and J Harris, Seattle, WA. University of Washington (WSMRF)
Abstract 88

4:00 CHILDHOOD OBESITY: SOURCES OF MOTIVATION TO BE HEALTHY.
C Sihotang, W Gutierrez, A Tung, M Westerberg, M Debay and M Baum, Loma Linda,
4:15 **EXCESSIVE GESTATIONAL WEIGHT GAIN INTERVENTION IN TONASKET, WA.**  
*M Wang, Seattle, WA. University of Washington School of Medicine (WAFMR)*  
Abstract 89

4:30 **A SUCCESSFUL PARTNERSHIP BETWEEN GLOBAL HEALTH INITIATIVE MEDICAL STUDENTS AND A NONGOVERNMENTAL ORGANIZATION IN KENYA.**  
*B Millar, R Buna, S Hu, J Mazzarolo and V Kapoor, Vancouver, BC, Canada. University of British Columbia (WSMRF)*  
Abstract 90

4:45 **A STRATEGY TO INCREASE SKILLED ATTENDANT BIRTHS IN KENYA.**  
*K Tucker, A Tomedi and M Mwanthi, Albuquerque, NM and Nairobi, Kenya. University of New Mexico's School of Medicine (WAFMR/WAP Student Subspecialty Award Winner) (WSMRF)*  
Abstract 91

5:00 **EL GRUPO DE APOYO SOCIAL: CREATING A SELF-SUSTAINED SOCIAL SUPPORT GROUP FOR SPANISH SPEAKERS IN ANCHORAGE, ALASKA.**  
*DJ Andersen, Seattle, WA. University of Washington School of Medicine (WSMRF)*  
Abstract 92

5:15 **COMPARISON OF INJURIES IN MARTIAL ARTS AND COMBAT SPORTS: A CROSS-SECTIONAL APPROACH.**  
*J Lam and M Kaufman, Seattle, WA. University of Washington School of Medicine (WSMRF)*  
Abstract 93

5:30 **DEALING WITH "EL CAMBIO DE VIDA": PROMOTING MENOPAUSE AWARENESS IN THE LATINA COMMUNITY OF LYNDEN, WA.**  
*R Chohlas-Wood, Seattle, WA. University of Washington School of Medicine (WSMRF)*  
Abstract 94

5:45 **FOOD INSECURITY AS A CHRONIC ILLNESS: SEASONAL AND MIGRANT FARMWORKERS IN CHELAN, WASHINGTON.**  
*LE Black, L Parks and M Mendez, Seattle, WA and Wenatchee, WA. University of Washington School of Medicine (WSMRF)*  
Abstract 95
3:30  OUTFLANKING BCR-ABL DRUG RESISTANCE. 
* A Baweja, P Ting and J Colicelli, Los Angeles, CA. David Geffen School of Medicine at UCLA (WSMRF) 

Abstract 97

3:45  HUMORAL IMMUNE RESPONSE IN MERKEL CELL CARCINOMA: PRESENCE OF MERKEL CELL POLYOMAVIRUS SPECIFIC IGA AND IGM. 
* A Lisberg, K Paulson, C Lewis, L Yelistratova and P Nghiem, Seattle, WA. University of Washington (WSCI Travel Award Winner) (WSMRF) 

Abstract 98

4:00  EFFECTS OF FIBROBLAST AND MACROPHAGE CO-CULTURE ON FIBROBLAST ACTIVATION AND COLLAGEN DEPOSITION. 
* S Rosen, Q Guo, C Durand-Rougely and P Schedin, Aurora, CO. University of Colorado School of Medicine 

Abstract 99

4:15  AN EVALUATION OF [F-18]-FLUORODEOXY-D-GLUCOSE POSITRON EMISSION TOMOGRAPHY, BONE SCAN, AND BONE MARROW ASPIRATION/BIOPSY AS STAGING INVESTIGATIONS IN EWING SARCOMA. 
* EN Newman, RL Jones and DS Hawkins, Seattle, WA. University of Washington School of Medicine (WSMRF) 

Abstract 100

4:30  LABEL-FREE DETECTION OF CANCER BIOMARKERS USING A MICRO-MECHANICAL SENSOR. 
* Z Nakamura, Y Li, A Lin, A Vafanejad, Q Zhang, E Kim and M Gross, Los Angeles, CA. Keck School of Medicine, University of Southern California (WSMRF) 

Abstract 101

4:45  SMALL INTERFERING RNA TO TREAT PANCREATIC CANCER. 
* DC Julien, A Giri and RA Hill, Seattle, WA and Moscow, ID. University of Washington School of Medicine (WAFMR/WAP Student Subspecialty Award Winner) 

Abstract 102

5:00  DISPARITIES IN THE USE OF RADIOACTIVE IODINE ABLATION TREATMENT FOR WELL DIFFERENTIATED THYROID CANCERS. 
* A Dumas, D Shah, R Bold, S Martinez and M Wilson, Sacramento, CA. UC Davis School of Medicine (WSMRF) 

Abstract 103

5:15  INHIBITION OF THE PLATELET DERIVED GROWTH FACTOR α
SIGNALING CASCADE FOR TREATMENT OF PEDIATRIC GLIOMAS.
M Chung, I Kolkowitz, X Yang, A Olow, S Mueller and D Haas-Kogan, Los Angeles, CA; San Francisco, CA and San Francisco, CA, CA. David Geffen School of Medicine at UCLA

5:30 NEUTROPHIL EXTRACELLULAR TRAP FORMATION IN PATIENTS UNDERGOING BONE MARROW TRANSPLANT.
JW Glenn, M Cody, M McManus, M Pulsipher, J Schiffman and C Yost, Salt Lake City, UT. University of Utah

5:45 QUALITY OF ONLINE RESOURCES FOR COLORECTAL CANCER PATIENTS.
EM Gusnowski and P Ingledew, Vancouver, BC, Canada and Surrey, BC, Canada. University of British Columbia

Inflammation and Infection
Studio 105 (Sunset Center)
Amir A. Zeki, Presiding

3:30 CHRONIC STRESS & SALIVARY BIOMARKERS.
A Mallick, A Bergen, D Nishita, X Wei, M Michel, SP David, GE Swan, MW Reid, AD Simons and J Andrews, Palo Alto, CA; Menlo Park, CA; Eugene, OR and South Bend, IN. Stanford School of Medicine (WSMRF)

3:45 HIGHER INCIDENCE OF IGG ANTI-IGA ANTIBODIES IN IGA DEFICIENT FEMALES WITH SUSPECTED CELIAC DISEASE.
TB Martins, TD Jaskowski, L Brickell, N Augustine, A Kumanovics, AE Tebo and HR Hill, Salt Lake City, UT. ARUP Institute

4:00 CONGENITAL CYTOMEGALOVIRUS KNOWLEDGE AND AWARENESS AMONG WOMEN IN RURAL IDAHO COMMUNITIES.
BL Moresco and EA Fortunato, Seattle, WA and Moscow, ID. University of Washington (WSMRF)

4:15 IDENTIFICATION OF PLASMODIUM GENOMIC VARIANTS THROUGH A STREAMLINED PIPELINE, WITH DRUG DEVELOPMENT APPLICATIONS.
MJ Manary, La Jolla, CA. University of California, San Diego

4:30 A RARE CASE: MYCOBACTERIUM AVIUM COMPLEX SYNOVITIS IN AN
IMMUNOCOMPETENT PATIENT.
T Tan, K Bakhsh and K Colburn, Loma Linda, CA. Loma Linda University Medical Center (WAFMR, Non-Member)

4:45 USING NATRIURETIC PEPTIDE LEVELS TO PREDICT AND PREVENT 30-DAY HOSPITAL READMISSIONS FOR HEART FAILURE PATIENTS.
T Kern, I Kedan and A Kimchi, Los Angeles, CA. David Geffen School of Medicine at UCLA

5:00 BETA BLOCKER EFFECT ON SURVIVAL IN SEPTIC SHOCK.
R Means, R Friese, I Ibrahim-Zada, J Weller and T Jones, Tucson, AZ and St. George, Grenada. University of Arizona (WSMRF)

5:15 ROLE OF OSTEOACTIVIN IN REGULATION OF INFLAMMATORY RESPONSE OF MACROPHAGES IN HYPERGLYCEMIA.
SK Sinha and SB Nicholas, Los Angeles, CA. Charles R Drew University

5:30 SYNDENEAL-1 ATTENUATES THE LUNG CANCER MALIGNANT PHENOTYPE, POTENTIALLY VIA RHOA ACTIVATION.
H Lim, S Schlesinger, C Buell, R Brauer and P Chen, Seattle, WA. University of Washington (WSMRF)

5:45 IDENTIFICATION OF A NOVEL PREDICTOR OF ANABOLIC/CATABOLIC BALANCE AND NUTRITIONAL STATUS IN CRITICAL ILLNESS: WHAT CAN BE LEARNED FROM ELITE ATHLETES?
Z Winkler and P Wischmeyer, Aurora, CO. University of Colorado (WSMRF, Non-Member)

Neonatal Pulmonary II
Rehearsal Room, Sunset Center
Cindy McEvoy and Vedang A. Londhe, Presiding

3:30 VITAMIN D SUPPLEMENTATION BLOCKS INCREASED UPPER AIRWAY REACTIVITY IN A RAT MODEL OF PERINATAL VITAMIN D DEFICIENCY.
M Yurt, J Liu, R Sakurai, PG Villarreal, SF Antony, SM Husain, M Siddiqui, JS Torday and VK Rehan, Torrance, CA. LA BioMed at Harbor-UCLA Medical Center

3:45 CURCUMIN PROTECTS THE DEVELOPING LUNG AGAINST HYPEROXIC INJURY LONG-TERM.
4:00 NEBULIZED NANO-CURCUMIN: A NOVEL APPROACH AGAINST HYPEROXIA-INDUCED LUNG INJURY.
SM Husain, R Sakurai, M Siddiqui, JS Torday and VK Rehan, Torrance, CA. LA BioMed at Harbor-UCLA Medical Center

4:15 GENDER-SPECIFIC EFFECTS OF PERINATAL NICOTINE-INDUCED ASTHMA ON UPPER VS LOWER AIRWAY OF RAT OFFSPRING.
J Liu, E Naeem, J Tian, V Lombardi, K Kwong, O Akbari, J Torday and V Rehan, Torrance, CA and Los Angeles, CA. Los Angeles Biomedical Research Institute

4:30 VENTILATION APPROACH IS RELATED TO COLLATERAL BRAIN DAMAGE IN CHRONICALLY VENTILATED PRETERM LAMBS.
JM Alvord, B Houston, M McCoy, L Dong, Z Wang, MJ Dahl, RA McKnight, DM Null, BA Yoder, RJ DiGeronimo, RH Lane and K Albertine, Salt Lake City, UT. University of Utah (WSPR Subspecialty Award Winner)

4:45 EPHrinB1 LIGAND AND EPHa2 RECEPTOR PROTEINS ARE UNAFFECTED IN THE BRAIN OF FORMER MECHANICALLY VENTILATED PRETERM LAMBS.
A Havlick, C Skaer, J Wimmer, MJ Dahl, L Dong, Z Wang, RA McKnight, DM Null, BA Yoder, RJ DiGeronimo, RH Lane and K Albertine, Salt Lake City, UT and Appleton, WI. University of Utah

5:00 INCREASED IGF-1 EXPRESSION CAUSES ALVEOLAR SIMPLIFICATION IN CHRONICALLY VENTILATED PRETERM LAMBS.
MJ Dahl, J Wimmer, B Houston, M McCoy, L Dong, Z Wang, RA McKnight, DM Null, BA Yoder, RJ DiGeronimo, RH Lane and K Albertine, Salt Lake City, UT. University of Utah

5:15 MICROARRAY ANALYSIS OF GENE EXPRESSION IN LUNG MACROPHAGES FROM PRETERM NEWBORNS.
A Fischer, B Chan, R Ramanathan, K Kwong and P Minoo, Los Angeles, CA and Torrance, CA. University of Southern California School of Medicine (WSPR)

5:30 PRIMARY NEONATAL RESUSCITATION WITH NASAL CANNULA: A PROSPECTIVE, OBSERVATIONAL STUDY.
PF Paz, M Biniwale, R Hernandez and R Ramanathan, Los Angeles, CA. LAC+USC Medical Center

Abstract 125

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

3:30 WIRELESS SENSORS TO CAPTURE HOME AND COMMUNITY WALKING FOR CLINICAL TRIALS AND DAILY CARE.
A Norberg, A Dorsch, S Thomas and B Dobkin, Los Angeles, CA. UCLA David Geffen School of Medicine

Abstract 126

3:45 SEX DIFFERENCES IN CENTRALLY MEDIATED EFFECTS OF INSULIN ON ENERGY HOMEOSTASIS.
S Ku and EJ Wagner, Pomona, CA. Western University of Health Sciences (WSMRF)

Abstract 127

4:00 β2-CHIMAERIN-MEDIATED REGULATION OF STEREOTYPED PRUNING IN CORTICOSPINAL AXONS FROM THE VISUAL CORTEX.
JR Shinn, M Riccomagno and A Kolodkin, Seattle, WA; Baltimore, MD and Chevy Chase, MD. University of Washington School of Medicine (WSMRF)

Abstract 128

4:15 HYPOXIA INDUCIBLE FACTOR-1 ALPHA EXPRESSION IS CRITICAL FOR POSTNATAL OLIGODENDROCYTE SURVIVAL IN THE MOUSE.
A Messier-Gieri, L Li, R Wang, K Wright and L Cunningham, Albuquerque, NM. University of New Mexico (WSCI Travel Award Winner)

Abstract 129

4:30 DIFFERENCES IN DISEASE PATTERNS BETWEEN AQUAPORIN-4 ANTIBODY-POSITIVE AND ANTIBODY-NEGATIVE PATIENTS WITH NEUROMYELITIS OPTICA.
S Kim and T Traboulsee, Port Moody, BC, Canada and Vancouver, BC, Canada. University of British Columbia

Abstract 130

4:45 FATIGUE IN MULTIPLE SCLEROSIS: RELATED TO FEAR OF FALLING AND PRIOR FALLS BUT NOT TO FUTURE FALLS.
R Mazumder and M Cameron, Portland, OR. Oregon Health and Science University (WSMRF)

Abstract 131

5:00 FUNCTIONAL CONNECTIVITY OF BASAL GANGLIA NETWORKS IN PARKINSON'S DISEASE PATIENTS COMPARED WITH HEALTHY, OLDER ADULTS.
CE Kennel, B Berman and E Shelton, Denver, CO and Aurora, CO. University of Colorado School of Medicine (WSMRF)

Abstract 132

5:15  STRUCTURAL BRAIN MRI CHANGES FOLLOWING TESTOSTERONE SUPPLEMENTATION IN HEALTHY OLDER MEN.
JT Hua, DC Rojas, CM Filley, RS Schwartz and VS Pelak, Aurora, CO. University of Colorado School of Medicine (WSMRF)

Abstract 133

Surgery I
Bingham Room #3 (Sunset Center)
Aurora Pryor and Edward Auyang, Presiding

3:30  A "SENSATE" SURFACE REPLACEMENT SCAFFOLD TO MEASURE LOAD CHANGES IN-VIVO DURING CARTILAGE FORMATION.
J Rojas, J Ouellette, N Diggins, J Ruth and J Szivek, Tucson, AZ. University of Arizona COM (WSMRF)

Abstract 134

3:45  INTERSPINOUS SPACER VERSUS LAMINECTOMY FOR LUMBAR STENOSIS: A COMPARATIVE EFFECTIVENESS STUDY.
JM Sarmiento, CG Patil, D Mukherjee, M Nuño and M Boakye, Los Angeles, CA. David Geffen School of Medicine at UCLA

Abstract 135

4:00  PERIOPERATIVE OUTCOMES OF PRIMARY RENAL TUMOR RESECTIONS: COMPARISON OF IN-HOURS TO OUT-OF-HOURS SURGERY.
CM Forbes, A Aljahdali and SA Butterworth, Richmond, BC, Canada and Vancouver, BC, Canada. University of British Columbia (WSMRF)

Abstract 136

4:15  UPPER POLE ACCESS: DOES IT INCREASE THE COMPLICATION RATE FOLLOWING PERCUTANEOUS NEPHROLITHOTOMY?
C Ng, DJ Culpepper, JD Creech, AT Mai, D Baldwin, DC Arnold, CL Wallner, GO Huang, S Engebretsen and G Olgin, Loma Linda, CA. Loma Linda University School of Medicine (WSMRF)

Abstract 137

4:30  COMPARISON OF RENAL FUNCTIONAL OUTCOMES AFTER PERCUTANEOUS CRYOABLATION.
AT Mai, CL Wallner, GO Huang, C Ng, JD Creech, DJ Culpepper, D Baldwin, S Engebretsen, DC Arnold and G Olgin, Loma Linda, CA. Loma Linda University School of Medicine (WSMRF)

Abstract 138

4:45  KIDNEY DONOR RADIATION EXPOSURE PRIOR TO TRANSPLANTATION.
COMPARISON OF ARTHROSCOPIC VERSUS OPEN SUTURE ANCHOR
REPAIR OF THE LATERAL LIGAMENT ANKLE COMPLEX: A CADAVER
STUDY.
SE Wong, J Acevedo, P Mangone, K Olson, E Shin and E Giza, Sacramento, CA; Palm
Beach, FL; Hendersonville, NC and San Francisco, CA. University of California, Davis
School of Medicine (WSMRF)

HUMAN MESENCHYMAL STEM CELLS CULTURED ON BIPHASIC
NANOFIBER SCAFFOLDS FOR ROTATOR CUFF REPAIR.
NH Goldhaber, X Zhang, WN Levine and HH Lu, New York, NY. Columbia University

State-of-the-Art Speaker
NEW TECHNOLOGY FOR BARIATRIC AND METABOLIC SURGERY.
Aurora D. Pryor, Stony Brook University School of Medicine
STUDENT SUBSPECIALTY AWARD POSTER SESSION AND RECEPTION

Jointly sponsored by

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

Carmel Women’s Club

6:00 PM – 7:30 PM
Thursday, January 24, 2013

Poster Number

36 DOCUMENTATION AND RECOGNITION OF ABNORMAL BLOOD PRESSURE IN CHILDREN.
J Thai and M Bar-on, Reno, NV. University of Nevada School of Medicine (WSPR Subspecialty Award Winner)

Abstract 142

37 ABNORMAL SINOATRIAL NODE PACEMAKING ACTIVITY OF ATRIAL-SPECIFIC SODIUM-CALCIUM EXCHANGER KNOCKOUT MICE.
ZM Goldstein, A Torrente, ST Lamp, R Zhang, K Chyu, KD Philipson and JI Goldhaber, Los Angeles, CA. David Geffen School of Medicine at UCLA (WAFMR/WAP Student Subspecialty Award Winner)

Abstract 143

38 A STRATEGY TO INCREASE SKILLED ATTENDANT BIRTHS IN KENYA.
K Tucker, A Tomedi and M Mwanthi, Albuquerque, NM and Nairobi, Kenya. University of New Mexico School of Medicine (WAFMR/WAP Student Subspecialty Award Winner) (WSMRF)

Abstract 144

39 THE ESET HISTONE METHYLTRANSFERASE IS CRITICAL TO OSTEOSTRABECULAR BONE FORMATION.
KA Lawson, L Yang and H Chansky, Seattle, WA and Philadelphia, PA. University of Washington (WSPR Subspecialty Award Winner)

Abstract 145
**Poster Number**

**40**  PHARMACOLOGIC INHIBITION OF NFkB IN COMBINATION WITH TAXANE-BASED CHEMOTHERAPY FOR TREATING ADVANCED THYROID CANCER.  
* A Berlinberg, B Haugen and W Wood, Aurora, CO. University of Colorado School of Medicine (WAFMR/WAP Student Subspecialty Award Winner) (WAFMR)  
Abstract 146

**41**  VIRAL BREAKTHROUGH IN HEPATITIS C.  
* JD Ferguson, K Zhou, S Bau and S Saab, Los Angeles, CA. David Geffen School of Medicine at UCLA (WAFMR/WAP Student Subspecialty Award Winner) (WSMRF)  
Abstract 147

**42**  UTILITY OF FDG-PET IN THE EVALUATION OF LARGE-JOINT OSTEOARTHRITIS.  
* S Kao, M Morshed, P Patel and S Obrzut, LA JOLLA, CA. University of California San Diego Health Sciences (WAFMR/WAP Student Subspecialty Award Winner) (WSMRF)  
Abstract 148

**43**  HEME OXYGENASE ACTIVITY AND HEME BINDING ARE CRITICAL IN EARLY LIFE.  
* J Ang, S Schulz, RJ Wong and DK Sevenson, Stanford, CA and East Lansing, MI. Stanford University School of Medicine (WSPR Subspecialty Award Winner)  
Abstract 149

**44**  ANALYSIS OF THE PRDM9 GENE SHOWS LARGE AMOUNTS OF DIVERSITY AND POINTS TOWARD POTENTIAL SPECIATION MECHANISM IN ANCESTRAL PRIMATES.  
* D Roach, J Schwartz and J Shendure, Seattle, WA. University of Washington (WSPR Subspecialty Award Winner) (WSMRF)  
Abstract 150

**45**  COST-BENEFIT ANALYSIS OF INDIRECT ANTIGLOBULIN SCREENING IN RH(D) NEGATIVE WOMEN AT 28 WEEKS GESTATION.  
* R Abbey, R Dunsmoor-Su and K Sylvester, Seattle, WA. University of Washington (WAFMR/WAP Student Subspecialty Award Winner) (WSMRF)  
Abstract 151

**46**  SMALL INTERFERING RNA TO TREAT PANCREATIC CANCER.  
* DC Julien, A Giri and RA Hill, Seattle, WA and Moscow, ID. University of Washington School of Medicine (WAFMR/WAP Student Subspecialty Award Winner)  
Abstract 152
Poster Number

47  A HIGH-THROUGHPUT, MECHANISM-BASED WHOLE-CELL SCREEN USING ESCHERICHIA COLI TO IDENTIFY INHIBITORS OF THE SEC PATHWAY OF BACTERIAL PROTEIN EXPORT.
SM Weller, JC Jones, H Rosen and G Crowther, Seattle, WA. University of Washington School of Medicine (WAFMR/WAP Student Subspecialty Award Winner) (WSMRF) Abstract 153

48  ACUTE KIDNEY INJURY: B-CELLS AND THE ROLE OF IL-10.
J McCullough and J Thurman, Aurora, CO. University of Colorado School of Medicine (WAFMR/WAP Student Subspecialty Award Winner)

49  NITRIC OXIDE-MEDIATED CONTROL OF VASCULAR MITOCHONDRIAL DYNAMICS IN VIVO.
M Miller, L Knaub, L Olivera and JE Reusch, Aurora, CO; Denver, CO and Bayamon, Puerto Rico. University of Colorado School of Medicine (WAFMR/WAP Student Subspecialty Award Winner) (WSMRF)

50  HANDEDNESS IN RASOPATHIES.
B Alvord, K Rauen, A Stevens, H Hanson and D Stevenson, Salt Lake City, UT and San Francisco, CA. University of Utah (WSPR Subspecialty Award Winner)

51  VENTILATION APPROACH IS RELATED TO COLLATERAL BRAIN DAMAGE IN CHRONICALLY VENTILATED PRETERM LAMBS.
JM Alvord, B Houston, M McCoy, L Dong, Z Wang, MJ Dahl, RA McKnight, DM Null, BA Yoder, RJ DiGeronimo, RH Lane and K Albertine, Salt Lake City, UT. University of Utah (WSPR Subspecialty Award Winner)

52  THE EFFECT OF MEDICARE VS. PRIVATE INSURANCE ON ACCESS TO KIDNEY TRANSPLANTATION.
ML Andre, M Kamgar, A Mehrnia, E Huang and S Bunnapradist, Los Angeles, CA. David Geffen School of Medicine at UCLA (WAFMR/WAP Student Subspecialty Award Winner) (WSMRF)

53  RNA EXPRESSION PATTERNS IN SERUM MICROVESICLES FROM PATIENTS WITH GLIOBLASTOMA MULTIFORME AND CONTROLS.
A Salehi, M Noerholm, L Balaj, LD Zhu, J Skog, XO Breakefield and B Carter, San Diego, CA and Boston, MA. University of California San Diego School of Medicine (WAFMR/WAP Student Subspecialty Award Winner)
54 **CHRONIC LUNG ALLOGRAFT DYSFUNCTION: DO DISTINCT SPIROMETRIC PHENOTYPES EXIST?**
A Zhang, A Derhovanessian, J Belperio and S Weigt, Los Angeles, CA. *David Geffen School of Medicine at UCLA (WAFMR/WAP Student Subspecialty Award Winner)*

Abstract 160

55 **PROGNOSTIC BIOMARKERS IN PATIENTS WITH DOWNSTAGED PANCREATIC CANCER.**
D Sunjaya, B Kadera, L Li and T Donahue, Los Angeles, CA. *David Geffen School of Medicine at UCLA (WAFMR/WAP Student Subspecialty Award Winner) (WAFMR)*

Abstract 161
JOINT PLENARY SESSION

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

Sunset Center Theater

8:00 AM – 11:30 AM
Friday, January 25, 2013

Mark Burge and Colin White, Presiding

8:00  WSCI OUTSTANDING INVESTIGATOR AWARD
     IMPROVING TRANSPLANTATION FOR HLA SENSITIZED PATIENTS.
     Stanley Jordan, Cedars-Sinai Medical Center

WSPR ABBOTT NUTRITION LOWELL GLASGOW STUDENT RESEARCH AWARD

8:30  MATERNAL OBESITY AND RISK OF CEREBRAL PALSY.
     M Crisham Janik, T Newman, Y Cheng, G Xing, W Gilbert and Y Wu, San Francisco,
     CA and Sacramento, CA. University of California, San Francisco

Abstract 162

WSPR ABBOTT NUTRITION DAVID W. SMITH PEDIATRIC TRAINEE RESEARCH AWARD

8:45  VITAMIN D ATTENUATES LUNG INJURY AND IMPROVES SURVIVAL IN INFANT RATS AFTER ANTENATAL ENDOTOXIN EXPOSURE.
     EW Mandell, G Seedorf, J Tang, J Gien, C Wright and S Abman, Aurora, CO. University
     of Colorado

Abstract 163

9:00  WSPR ABBOTT NUTRITION YOUNG INVESTIGATOR RESEARCH AWARD
     CARDIOMETABOLIC EFFECTS OF SECOND-GENERATION ANTI PSYCHOTIC MEDICATIONS IN CHILDREN WITH MENTAL HEALTH CONDITIONS.
     Constadina Panagiotopoulos, University of British Columbia

Abstract 164
9:45 - 10:00 Intermission

Karen Foster-Schubert and Wesley Van Voorhis, Presiding

10:00 WAFMR OUTSTANDING INVESTIGATOR AWARD
LOW DOSE SOYBEAN OIL FOR THE PREVENTION OF PARENTERAL NUTRITION ASSOCIATED CHELESTASIS IN NEONATES WITH CONGENITAL GASTROINTESTINAL DISORDERS.
KL Calkins, T Havranek, L Kelley-Quon, L Gibson, R Venick and S Shew, Los Angeles, CA and Saint Louis, MO. David Geffen School of Medicine at UCLA

10:15 WSRP STANLEY WRIGHT MEMORIAL LECTURE
INFLAMMATION IN CHRONIC DISEASE.
Allison Eddy, University of British Columbia

10:45 WAP DISTINGUISHED LECTURESHP
WHO ARE WE? THE HUMAN MICROBIOME IN HEALTH AND DISEASE.
David Relman, Stanford University

11:15 WSCI MAYO SOLEY AWARD
Presenter: Kevin O’Brien, University of Washington
Recipient: Alan Chait, University of Washington

11:30 ADJOURN

WSPR BUSINESS MEETING
WSCI BUSINESS MEETING

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INVESTIGATOR WORKSHOP

11:30 AM – 12:30 PM
Friday, January 25, 2013

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

Sunset Center – Green Room

Making the Most of Your Mentor: A Guide for Mentees
Ellen A. Schur, MD, MS, University of Washington

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CONCURRENT SESSIONS

Friday, January 25, 2013
12:30 PM – 2:30 PM

Jointly sponsored by

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

Adolescent Medicine, General Pediatrics, and Nephrology I …………………Studio 105
Cardiovascular II……………………………………………………………………….Promenade Lobby
Endocrinology and Metabolism II………………………………………………….Bingham #3
Genetics…………………………………………………………………………………Rehearsal Room
Neonatology – General II…………………………………………………………….Chapman #4
Pulmonary and Critical Care I……………………………………………………………..Room #6

Adolescent Medicine, General Pediatrics, and Nephrology I
Studio 105 (Sunset Center)
Alberta Kong and Colin White, Presiding

12:30 INTRAUTERINE GROWTH RESTRICTION AND MATERNAL HIGH FAT, HIGH CHOLESTEROL DIET INCREASE HEPATIC CHOLESTEROL AND DECREASE HEPATIC SREBP2 IN RAT OFFSPRING AT BIRTH.
E Zinkhan, J Chin, J Zalla, X Yu, C Jiang, C Callaway, L Joss-Moore and R Lane, Salt Lake City, UT. University of Utah (WSPR)

Abstract 166

12:45 ENVIRONMENTAL IMPACTS ON PEDIATRIC RURAL ASTHMA.
S Hofman DeYoung and C Karr, Seattle, WA. University of Washington School of Medicine (WSMRF)

Abstract 167

1:00 SPLAT-WHEN ALCOHOL AND CARS COLLIDE: INCREASING AWARENESS OF HIGH SCHOOL ATHLETES ABOUT THE DANGERS OF DRINKING AND DRIVING. MARTIN ROFAEL, UNIVERSITY OF WASHINGTON SCHOOL OF MEDICINE. SEATTLE, WA.
M Rofael, Seattle, WA. University of Washington School of Medicine (WSMRF)

Abstract 168

1:15 CONCUSSION PREVENTION AND EDUCATION IN EUREKA, MONTANA.
A Tanabe, Seattle, WA. University of Washington School of Medicine

Abstract 169

1:30 AN INTERESTING CLUSTER OF OSTEOSARCOMAS IN THREE
ADOLESCENTS.
A Mehta and S Das, Las Vegas, NV. University of Nevada School of Medicine

1:45 HAVE "SUN" SENSE: SUN SAFETY AWARENESS FOR YOUTH IN MILES CITY, MT.
KJ Herron, Seattle, WA. University of Washington School of Medicine

2:00 GO WHERE THE WILD THINGS ARE - AN EXPERIENCE IN BECOMING A WILDERNESS FELLOW WHILE A PEDIATRIC RESIDENT.
J Wheeler, S Yang and M Young, Madera, CA and Fresno, CA. Children’s Hospital Central California

2:15 COST-BENEFIT ANALYSIS OF INDIRECT ANTIGLOBULIN SCREENING IN RH(D) NEGATIVE WOMEN AT 28 WEEKS GESTATION.
R Abbey, R Dunsmoor-Su and K Sylvester, Seattle, WA. University of Washington (WAFMR/WAP Student Subspecialty Award Winner) (WSMRF)

2:30 DIAGNOSIS AND MANAGEMENT OF INITIAL URINARY TRACT INFECTION IN INFANTS YOUNGER THAN TWO MONTHS OF AGE.
M Weems, S Sardesai, L Barton, L Vachon and R Ramanathan, Los Angeles, CA. University of Southern California Keck School of Medicine (WSMRF)

2:30 pm- 3:30 pm Break and Poster Session
Cardiovascular II
Promenade Lobby (Sunset Center)
Michele Hamilton and April Stempien-Otero, Presiding

12:30 MAZE PROCEDURE FOR ATRIAL TACHYARRHYTHMIA IN TETRALOGY OF FALLOT PATIENTS.
J Chang, S Patel and J Aboulhosn, Los Angeles, CA. David Geffen School of Medicine, UCLA (WSMRF, Non-Member)

12:45 OSTEOPOROSIS AND BONE MINERAL DENSITY ARE ASSOCIATED WITH AORTIC VALVE CALCIFICATION: THE AGE, GENE-ENVIRONMENT SUSCEPTIBILITY (AGES)-REYKJAVIK STUDY.
A Lajoie, S Sigurdsson, G Eiriksdóttir, KD O'Brien, V Gudnason and DS Owens, Seattle, WA and Kopavogur, Iceland. University of Washington (WAFMR/WAP Outstanding Resident Award Winner)

1:00 A "DIABETOGENIC" DIET INDUCES INSULIN RESISTANCE AND
CARDIOMYOPATHY IN BTBR ob/+ MICE.
BG Sullivan, TA Wietecha, J Kim, A Sta Teresa, D Dai, K Hudkins, CE Alpers and KD O'Brien, Seattle, WA. University of Washington

Abstract 177

1:15 HUMAN LEUKOCYTE SENSITIZATION IN HYPOPLASTIC LEFT HEART SYNDROME PATIENTS RECEIVING EARLY PALLIATIVE SURGERY WITH AND WITHOUT GRAFT TISSUE.
C Ideen, E Albers, S Law, Y Law and M Kemna, Seattle, WA. University of Washington School of Medicine (WSMRF)

Abstract 178

1:30 ABNORMAL ABDOMINAL AORTA HEMODYNAMICS ARE ASSOCIATED WITH NECROTIZING ENTEROCOLITIS IN INFANTS WITH CONGENITAL HEART DISEASE.
TA Miller, L Joss-Moore, RH Lane and MD Puchalski, Salt Lake City, UT. University of Utah (WSCI Travel Award Winner)

Abstract 179

1:45 CONTENTION: STATUS 2 PATIENTS DO NOT NEED TO UNDERGO HEART TRANSPLANTATION.
M Siu, M Rafiei, A Osborne, R Shiozaki, M Hamilton and J Kobashigawa, Los Angeles, CA. Cedars-Sinai Heart Institute

Abstract 180

2:00 State-of-the-Art Speaker
UNDERSTANDING THE MECHANISMS OF CELL-BASED THERAPY IN THE HUMAN HEART.
April Stempien-Otero, University of Washington

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

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

12:30 THE USE OF A BEDSIDE GLUCOSE MONITOR IN HYPERINSULINEMIC EUGLYCEMIC CLAMPS.
A West, K Chow, M Downey, M Cree-Green and K Nadeau, Aurora, CO and North Chicago, IL. Children's Hospital Colorado

Abstract 181

12:45 BETA-CELL FUNCTION IS IMPAIRED IN YOUTH TREATED WITH SECOND-GENERATION ANTIPSYCHOTICS.
Y Ngai, D Nguyen, J Chanoine, AM Devlin and C Panagiotopoulos, Toronto, ON, Canada and Vancouver, BC, Canada. University of Toronto (WSMRF)

Abstract 182
1:00 CHILDHOOD OBESITY RATES IN THE LOW INCOME POPULATION OF SAN BERNARDINO.
J Yap, Z Gately, A Wilson, M Westerberg, M DeBay and M Baum, Loma Linda, CA. Loma Linda University School of Medicine

Abstract 183

1:15 CHILDHOOD OBESITY: PARENTAL PERCEPTION OF CHILD WEIGHT STATUS.
A Tung, C Sihotang, W Gutierrez, M Westerberg and M Baum, Loma Linda, CA. Loma Linda University School of Medicine

Abstract 184

1:30 FITNESS CAMP: PART OF A SOLUTION TO CHILDHOOD OBESITY?
W Gutierrez, A Tung, C Sihotang, M Westerberg and M Baum, Loma Linda, CA. Loma Linda University

Abstract 185

1:45 INTERACTIVE NUTRITIONAL EDUCATION AT THE BOYS & GIRLS CLUB IN FERNDALE, WASHINGTON.
B Mast, Seattle, WA. University of Washington School of Medicine (WSMRF)

Abstract 186

2:00 UNVEILING DILLON'S DIABETIC PLATE: A COMMUNITY-BASED MEAL PLANNING PLACEMAT FOR THE DIABETIC POPULATION IN DILLON, MONTANA.
S Johnson, Seattle, MT. University of Washington School of Medicine (WSMRF)

Abstract 187

2:15 CORRALLING YOUR CRAVINGS: PROMOTING FAST FOOD NUTRITION AWARENESS IN BUTTE, MT.
LE King, Seattle, WA. University of Washington School of Medicine

Abstract 188

2:30 pm- 3:30 pm Break and Poster Session
Genetics
Rehearsal Room (Sunset Center)
*Jon Bernstein and Christopher Cunniff, Presiding*

**12:30** A NOVEL MECHANISM FOR THE GENETIC ORIGIN OF THE SEX CHROMOSOMES OF 48, XXY SYNDROME.
*T Tanda*, S Howell, H Rinder, K Hager, S Hosono, K Jennings and N Tartaglia, Aurora, CO and New Haven, CT. *The Children's Hospital Colorado (WSMRF)*

**12:45** DIAGNOSIS AND MANAGEMENT OF BOHRING-OPITZ SYNDROME CAUSED BY DE NOVO ASXL1 MUTATIONS.
*B Russell*, M Nasiak, N Kramer, J Johnston, L Biesecker and JM Graham, Irvine, CA; Los Angeles, CA and Bethesda, MD. *University of California, Irvine (WSMRF)*

**1:00** STATE HEALTH DEPARTMENTS HANDLING OF SICKLE CELL TRAIT RESULTS IDENTIFIED THROUGH THE NEWBORN SCREENING PROGRAMS.
*KR Tuña*, EE Ezeanolue, A Hunt, S Shahani and W Whitten-Shurney, Las Vegas, NV and Detroit, MI. *University of Nevada School of Medicine*

**1:00** DIAGNOSIS AND SURGICAL TREATMENT OF SCOLIOSIS IN DUCHENNE AND BECKER MUSCULAR DYSTROPHY.
*M Shtayer*, J Andrews, FJ Meaney, PA Romitti and C Cunniff, Tucson, AZ and Iowa City, IA. *University of Arizona College of Medicine (WSMRF)*

**1:15** HOMOZYGOUS WNT10A MUTATION IN A PATIENT WITH ISOLATED OLIGODONTIA.
*M Niaki*, A Kwan, JA Bernstein and G Mues, Stanford, CA and Dallas, TX. *Stanford University (WSPR Mead Johnson Travel Award Winner)*

**1:30** ANALYSIS OF THE PRDM9 GENE SHOWS LARGE AMOUNTS OF DIVERSITY AND POINTS TOWARD POTENTIAL SPECIATION MECHANISM IN ANCESTRAL PRIMATES.
*D Roach*, J Schwartz and J Shendure, Seattle, WA. *University of Washington (WSPR Subspecialty Award Winner) (WSMRF)*

**1:45** VALOSIN CONTAINING PROTEIN ASSOCIATED DISEASE PROGRESSION AND LETHALITY IMPROVES WITH AN INCREASED-FAT DIET IN A MOUSE MODEL.
*K Lank*, K Llewellyn, A Nalbandian, C Nguyen, T Mozaffar and V Kimonis, Pomona, CA and Irvine, CA. *Western University of Health Sciences*
MATERNAL AND PATERNAL INFLUENCES OVER GENE EXPRESSION IN THE BRAIN.
Christopher Gregg, University of Utah
1:45  NEUROPROTECTIVE EFFECTS OF NITRITE AGAINST HYPOXIC ISCHEMIC BRAIN INJURY IN NEWBORN RAT PUPS.
HN Truong, C Wolfe, RE Hartman, A Obenaus and AB Blood, Loma Linda, CA. Loma Linda University

Abstract 201

2:00  EARLY POSTNATAL WEIGHT GAIN AS AN ACCURATE PREDICTOR FOR THE DEVELOPMENT OF RETINOPATHY OF PREMATURITY.
A Weiner, M Biniwale, L Barton, R Ramanathan, S Sardesai and R Cayabyab, Los Angeles, CA. LAC+USC Medical Center Keck School of Medicine

Abstract 202

2:15  DOPAMINE RESISTANT HYPOTENSION AND RETINOPATHY OF PREMATURITY.
M Catenacci, S Miyagi, A Wickremasinghe, S Lucas, A De Alba Campomanes, W Good and R Clyman, San Francisco, CA. University of California, San Francisco (WAFMR Scholar Award Winner)

Abstract 203

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

Pulmonary and Critical Care I
Room #6, Sunset Center
Jay Erickson, Presiding

12:30  THE IMPACT OF PERIOPERATIVE MEDICINE ROTATION IMPLEMENTATION ON ICU OUTCOMES.
J Shen, S Ward, G Stier, J Lenart, I Dorotta, R Martin and R Applegate, Loma Linda, CA. Loma Linda University

Abstract 204

12:45  VALIDATION OF A TOOL FOR PROMOTING SELF-MONITORING AND SELF-MANAGEMENT IN CHILDREN WITH ASTHMA.
B Fassl, F Nkoy, B Stone, C Maloney and M Schatz, Salt Lake City, UT and San Diego, CA. University of Utah (WAFMR, WSPR)

Abstract 205

1:00  LUNG TRANSPLANTATION FOR PULMONARY HYPERTENSION SECONDARY TO HIV.

Abstract 206

1:15  SLEEP-RELATED QUALITY OF LIFE AND PHYSIOLOGIC PARAMETERS IN VETERANS WITH EARLY AMYOTROPHIC LATERAL SCLEROSIS.
S Farshidpanah, WF Klein, R Fargo and N Dandamudi, Loma Linda, CA. Loma Linda University Medical Center (CTS)

Abstract 207
1:30  CEREBRAL AIR EMBOLISM AFTER PERCUTANEOUS LUNG BIOPSY: A DREADED COMPLICATION.
S Farshidpanah, VA Dinh and T Lo, Loma Linda, CA. Loma Linda University (CTS)
Abstract 208

1:45  HOSPITAL VARIATION AND TEMPORAL TRENDS IN PALLIATIVE CARE AND END-OF-LIFE CARE IN THE ICU.
TW DeCato, RA Engelberg, L Downey, EL Nielsen, PD Treece, AL Back, SE Shannon, EK Kross and J Curtis, Seattle, WA. University of Washington
Abstract 209

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

*Jointly sponsored by*

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

*Carpenter Hall*

12:30 PM – 5:30 PM
Friday, January 25, 2013

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

### Adolescent Medicine, General Pediatrics, and Nephrology
- Gastroenterology
- General Neonatology
- Genetics
- Infectious Diseases
- Morphogenesis and Malformations
- Neonatology – General
- Surgery

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<td>56</td>
<td>PEDIATRIC PERITONEAL DIALYSIS: A NURSE DRIVEN ANEMIA PROTOCOL.</td>
<td>C White, N Larkins and J Leechik, Vancouver, BC, Canada. BC Children's Hospital (WSPR)</td>
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<td>57</td>
<td>WATER SAFETY EDUCATION FOR THE YOUTH OF RED LODGE, MONTANA.</td>
<td>MF Hartman, Seattle, WA. University of Washington School of Medicine (WSMRF)</td>
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<td>58</td>
<td>BIKE SAFETY EDUCATION AND HELMET GIVEAWAY FOR PARENTS AND CHILDREN OF HAILEY, IDAHO.</td>
<td>A Bledsoe, Seattle, WA. University of Washington School of Medicine (WSMRF)</td>
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59 NUTRITIONAL EDUCATION FOR BREASTFEEDING WOMEN IN LIVINGSTON, MONTANA.
A Chambers, Seattle, WA. University of Washington School of Medicine (WSMRF)
Abstract 213

60 ASSESSMENT OF BREASTFEEDING RATES BEFORE AND AFTER "BABY FRIENDLY" DESIGNATION AT PEDIATRIC CONTINUITY CLINIC, LAC+USC MEDICAL CENTER.
M Laird, B Kunza, L Barton, K Frantz and R Vasan, Los Angeles, CA. Keck School of Medicine of University of Southern California (WSMRF)
Abstract 214

Gastroenterology
61 VIRAL BREAKTHROUGH IN HEPATITIS C.
JD Ferguson, K Zhou, S Bau and S Saab, Los Angeles, CA. David Geffen School of Medicine at UCLA (WAFMR/WAP Student Subspecialty Award Winner) (WSMRF)
Abstract 215

62 CENTRAL LINE ASSOCIATED BLOOD STREAM INFECTIONS IN PEDIATRIC OUTPATIENTS: PRESENTING SYMPTOMS, EPIDEMIOLOGY, AND RISK FACTORS.
H Bechtold and L Wozniak, Los Angeles, CA. David Geffen School of Medicine at UCLA (WSMRF)
Abstract 216

63 SITAGLIPTIN INDUCED HEPATIC NECROSIS: A CASE REPORT.
VD Cruz, C Ramos-Matos, A Davis, M Zetir and E Abel, Tampa, FL. University of South Florida
Abstract 217

Genetics and Morphogenesis and Malformations
64 A COMPREHENSIVE SURVEY OF MUTATIONS IN THE OPA1 GENE IN PATIENTS WITH AUTOSOMAL DOMINANT OPTIC ATROPHY 'PLUS' PHENOTYPE.
M Ham, M Smith, K Osann and V Kimonis, Irvine, CA. University of California, Irvine
Abstract 218

65 A NOVEL STRATEGY TO IDENTIFY BIOMARKERS FOR PROSTATE CANCER.
J Scapa, S Kerkoutian, Y Sun, H Zhang, J Squires, X Li, A Goldstein, O Witte and J Huang, Los Angeles, CA. David Geffen School of Medicine at UCLA (WSMRF)
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| 66            | MUTATIONS IN THE TETRATRICOPEPTIDE 19 GENE TTC19 ARE A RARE CAUSE OF LEIGH SYNDROME.  
PS Atwal, S Schelley and GM Enns, Stanford, CA. Stanford University |
| 67            | PERIPHERAL NEUROPATHY, LEUKOENCEPHALOPATHY, AND CIRRHOSIS IN A 25 YEAR OLD WOMAN.  
B Mendelsohn and P Seymour, San Francisco, CA. University of California, San Francisco |
| 68            | POTENTIAL FOR CREATINE AS A THERAPY FOR HUNTINGTON'S DISEASE.  
C Cantway, Seattle, WA. University of Washington |
| 69            | CLEAN INTERMITTENT CATHETERIZATION (CIC) AS AN ALTERNATIVE DRAINAGE METHOD FOR HYDROCOLPOS IN PATIENTS WITH PERSISTENT CLOACA.  
S Fostvedt, R Grady, A Amies Oelschlager, PA Merguerian and JR Avansino, Seattle, WA. University of Washington School of Medicine (WSMRF) |

**Infectious Diseases**

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| 70            | FIGHTING TUBERCULOSIS IN ARUA DISTRICT UGANDA USING INFORMATION AND COMMUNICATION TECHNOLOGY.  
R Sarac, Seattle, WA. University of Washington School of Medicine |
| 71            | CLINICAL PRESENTATIONS AND TREATMENTS OF COCCIDIOIDOMYCOSIS OSTEOMYELITIS IN PEDIATRIC POPULATIONS OF THE SAN JOAQUIN VALLEY OVER THE LAST 10 YEARS.  
L Dabrowski, J McCarty, G Pullen and A Kahal, Fresno, CA. University of California, San Francisco-Fresno |

**Neonatal Pulmonary**

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| 72            | INTRAUTERINE GROWTH RESTRICTION DECREASES GLUCOSE TRANSPORTER-1 AND ATP CITRATE LYASE MRNA LEVELS IN FEMALE NEWBORN RAT LUNG.  
SJ Fausett, Y Wang, C Jiang, A Sainz, R Lane and L Joss-Moore, Salt Lake City, UT. University of Utah (WAFMR) |
73 IUGR DOES NOT AFFECT DNA METHYLATION OF THE PPARγ
PROMOTERS IN NEWBORN RAT LUNG.
A Brann, A Sainz, Y Wang, C Jaing, X Yu, K Albertine, R Lane and L Joss-Moore, Salt Lake City, UT. University of Utah (WSMRF)

74 PREDICTORS OF NEONATAL NEUROLOGIC BIRTH DEPRESSION AND INTRAVENTRICULAR HEMORRHAGE IN PRETERM PREMATURE RUPTURE OF MEMBRANES.
W Hoover, M Donnelly, M Manco-Johnson, V Winn and J Armstrong-Wells, Aurora, CO. University of Colorado School of Medicine

75 END-OF-LIFE DECISIONS ENTER A GREY ZONE AT THE EDGE OF VIABILITY.
JA Weiner and H Kilbride, Kansas City, MO. Children's Mercy Hospital & Clinics

76 THE EFFECTS OF MATERNAL NUTRITION AND INTRAUTERINE GROWTH RESTRICTION ON INFANT CAROTENOID STATUS.
B Henriksen, G Chan, R Hoffman, M Sharifzadeh, W Gellermann, I Ermakov, X Sheng and P Bernstein, Salt Lake City, UT. University of Utah

77 INCIDENCE OF BLADDER EVISCERATION IN NEONATES WITH GASTROSCHISIS.
L Dimond and L Paquette, Los Angeles, CA. University of Southern California (WSMRF)

78 LONG-TERM GROWTH OF SURVIVORS OF CONGENITAL HEART DISEASE.
DC Aguilar, GW Raff and IJ Griffin, Sacramento, CA. University of California, Davis Medical Center

79 EARLY ECHOCARDIOGRAPHIC PREDICTORS OF ALVEOLAR CAPILLARY DYSPLASIA: A CASE-CONTROL STUDY.
R Arcinue, T Stavroudis, S Noori, S Bhombal, J Szmuszkovicz and P Friedlich, Los Angeles, CA. Children's Hospital Los Angeles

Neonatology – General

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<td>80</td>
<td>INTERNATIONAL PUBLICATION TRENDS IN PLASTIC AND RECONSTRUCTIVE SURGERY.</td>
<td>E Mitchell, A Workman and S Gupta, Loma Linda, CA.</td>
<td>Loma Linda University</td>
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<td>81</td>
<td>ORAL VITAMIN SUPPLEMENTATION AND WOUND HEALING: AN EVIDENCE BASED REVIEW OF THE PLASTIC SURGERY LITERATURE.</td>
<td>E Mitchell, A Workman and S Gupta, Loma Linda, CA.</td>
<td>Loma Linda University</td>
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<td>82</td>
<td>MEASUREMENT OF MOUTH OPENING IN A CANADIAN PEDIATRIC POPULATION.</td>
<td>H Liu and RK Martens, Vancouver, BC, Canada.</td>
<td>BC Children's Hospital</td>
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<td>83</td>
<td>THE LONGEST JOURNEY IS FROM THE HEAD TO THE HEART.</td>
<td>ER Holbrook and J Thompson, Tucson, AZ.</td>
<td>University of Arizona</td>
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<td>84</td>
<td>DEFINING CRANIOSCOLIOSIS.</td>
<td>M Liu, M Bucevska and DJ Courtemanche, Vancouver, BC, Canada and Coquitlam, BC, Canada.</td>
<td>University of British Columbia (WSMRF)</td>
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<td>85</td>
<td>THE OPTIMAL DURATION OF ANTIBIOTIC PROPHYLAXIS IN PLASTIC SURGERY: A META-ANALYSIS OF 32 PUBLICATIONS.</td>
<td>C Richardson, A Workman, G Mattison and S Gupta, Loma Linda, CA.</td>
<td>Loma Linda University (WSMRF)</td>
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<td>86</td>
<td>A RETROSPECTIVE COMPARISON OF TWO DIFFERENT CT URETERAL LENGTH MEASUREMENT TECHNIQUES.</td>
<td>CS Chung, S Engebretsen, D Arnold, C Wallner, G Huang, J Creech, A Mai, C Ng, D Culpepper and D Baldwin, Loma Linda, CA.</td>
<td>Loma Linda University Medical Center</td>
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<td>87</td>
<td>EFFECT OF PREOPERATIVE WASHES ON SURGICAL SITE INFECTION RATES.</td>
<td>B Mroczek, K Afshar, P Skippen and E Skarsgard, Vancouver, BC, Canada.</td>
<td>Child and Family Research Institute</td>
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88 REVERSED NEEDLE PASS CLEAR-CORNEAL OR LIMBAL INCISION SUTURING TECHNIQUE USING THE 3-THROW (1-1-1) ADJUSTABLE SQUARE KNOT.
S Bernard, J Narvaez, J Jones, M Zumwalt and P Mahdavi, Loma Linda, CA. Loma Linda University School of Medicine (WSMRF)

Abstract 242

CONCURRENT SESSIONS
Friday, January 25, 2013
3:30 PM – 6:00 PM
Jointly sponsored by

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

Community Health II.................................................................Promenade Lobby
Health Care Research II............................................................Green Room
Infectious Diseases...............................................................Bingham Room #3
Morphogenesis and Malformations........................................Rehearsal Room
Neonatology - General II.......................................................Chapman #4
Nephrology and Hypertension.................................................Room #6
Surgery II..............................................................................Studio 105

Community Health II
Promenade Lobby (Sunset Center)
Mary Barinaga, Presiding

3:30 I CARE TO KNOW: AN INNOVATIVE EDUTAINMENT PROGRAM TO INCREASE HIV SCREENING AMONG ADOLESCENTS AGED 10-18 YEARS IN NIGERIA.
EE Ezeanolue and CS Aranotu, Las Vegas, NV and Enugu, Nigeria. University of Nevada School of Medicine (WSCI Travel Award Winner) (WSPR)

Abstract 243

3:45 PROJECT BEND: BALANCED EARLY NUTRITION FOR DEVELOPMENT AMONG ORPHANED CHILDREN.
EE Ezeanolue, HU Okafor, D Ihekuna, V Okafor and E Umesie, Las Vegas, NV and Enugu, Nigeria. University of Nevada School of Medicine (WSPR)
4:00  THE EFFECTS OF REGULAR AND DECAFFEINATED COFFEE ON VOIDING SYMPTOMS IN YOUNG HEALTHY VOLUNTEERS.
CS Chung, K Baker, B Distelberg and A Staack, Loma Linda, CA. Loma Linda University

Abstract 244

4:15  BUILDING A TB SUPPORT AND ADVOCACY GROUP - VENTANILLA, PERU.
J Burnell, Seattle, WA. University of Washington (WSMRF)

Abstract 245

4:30  THE RELATIONSHIP BETWEEN PEAK INFLUENZA ACTIVITY AND ABSENTEEISM RATES IN PUBLIC SCHOOLS.
FS Gurule, S Dharas, R Escareno, B Skipper, A Pentler and L Chilton, Albuquerque, NM. University of New Mexico School of Medicine

Abstract 246

4:45  THE DOCTOR WILL SEE YOU NOW - AT HOME. INCORPORATING HOME VISITS INTO A PEDIATRIC RESIDENCY CURRICULUM.
H Artinian, A Parks and S Yang, Fresno, CA. University of California San Francisco-Fresno

Abstract 247

5:00  DERMATOLOGIC NEEDS ASSESSMENT OF UNDERSERVED DISTRICT IN ALBUQUERQUE, NEW MEXICO.
M Brown, Albuquerque, NM. University of New Mexico School of Medicine (WSMRF)

Abstract 248

5:15  PERCEPTUAL AND ADAPTIVE LEARNING MODULES PRODUCE LONG-TERM LEARNING OF PATTERNS IN DERMATOLOGY.
L Altieri, Z Gu, N Craft, P Kellman and S Krasne, Los Angeles, CA. David Geffen School of Medicine at UCLA (WSMRF)

Abstract 249

5:30  PERUVIAN COMMUNITY MEMBER'S KNOWLEDGE, ATTITUDE AND PRACTICE OF EMERGENCY MEDICAL CARE.
MD Goldstein and RI Donaldson, Culver City, CA and Torrance, CA. David Geffen School of Medicine at UCLA (WSMRF)

Abstract 250

5:45  NUTRITIONAL CONTENT OF MEALS AT A PEDIATRIC HOSPITAL.
MJ Pierce and S Banerjee, Madera, CA. UCSF Fresno

Abstract 251
3:30 BARRIERS TO CLEAR COMMUNICATION FOR PEDIATRIC PRIMARY CARE PROVIDERS WHEN USING PHONE INTERPRETERS: A FOCUS GROUP STUDY.
R Zaw, C Faulkenberry-Miranda, S Zuniga, C Ortiz, G Stoltz and S Yang, Fresno, CA and Madera, CA. UCSF Fresno Medical Education Program

Abstract 253

3:45 EFFECT OF PULMONARY REHABILITATION ON SLEEP AS MEASURED BY ACTIGRAPHY.
H Shah, N Dandamudi, R Fargo and K Ellstrom, Loma Linda, CA. VA Loma Linda Healthcare System (California Thoracic Society Scholar Winner) (CTS, Non-Member)

Abstract 254

4:00 EVALUATION OF A HEALTH EDUCATION PROGRAM IN UGANDA USING PRE-TEST POST-TEST RESEARCH.
V Mihajlovic, J Anholt, M McIntyre, K O'Riordan and V Kapoor, Vancouver, BC, Canada. University of British Columbia

Abstract 255

4:15 BIOMETRIC MONITORING IN FOUNDRY & PLASTIC PIPE WORKERS: 2010-2011 RESULTS IN AN INCENTIVE-DRIVEN PROGRAM.
LW Raymond, J Pankowski, A Yanni and D Hall, Charlotte, NC. Carolinas HealthCare System (WAFMR)

Abstract 256

4:30 MALARIA EPIDEMIOLOGY IN THE ILLEGAL MINING CAMPS OF MADRE DE DIOS, PERU.
P Manning, H Vo and J Vinetz, La Jolla, CA. University of California, San Diego (WSMRF)

Abstract 257

4:45 BARRIERS TO THE PREVENTION AND TREATMENT OF HEAT-RELATED ILLNESS IN ADULT OUTDOOR CROP WORKERS: A QUALITATIVE ANALYSIS.
M Lam, J Krenz, H Murphy-Robinson, M Negrete, P Palmández, M Perla and J Spector, Seattle, WA. University of Washington (WSMRF)

Abstract 258

5:00 EARLY INTRODUCTION OF PATIENT DOCTOR COMMUNICATION AND EMPATHY THROUGH STANDARDIZED PATIENT INTERVIEW DURING A SUMMER PREMED PROGRAM.
J Tran, R Ravikumar, A Swonderraj, A Sathe, H Wong and B Afghani, Irvine, CA. University of California, Irvine
5:15 IMPLEMENTING PULSE OXIMETRY SCREENING FOR NEWBORNS IN CALIFORNIA'S CENTRAL VALLEY: APPLICATION OF SYSTEMS-BASED LEARNING AT A FRESNO COMMUNITY HOSPITAL. 
A Farrell, J Scholefield, S Yang and P Francis, Fresno, CA. University of California, San Francisco-Fresno Medical Education Program

Abstract 260

5:30 PROJECT EXPORT: A NEEDS ASSESSMENT IDENTIFYING THE BARRIERS AND FACILITIES TO A GREATER PARTNERSHIP BETWEEN ACADEMIC AND COMMUNITY COLLABORATORS. 
A Okoro and M Rodriguez, Los Angeles, CA. University of California, Los Angeles

Abstract 261

5:45 EDUCATING MEDICAL STUDENTS ON CHANGING THE DIETS OF PATIENTS FROM LOW INCOME URBAN POPULATIONS WITHIN THE CONSTRAINTS OF THEIR COMMUNITIES: TEACHING REALISTIC CHANGES FOR PATIENTS WITH SIGNIFICANT BARRIERS. 
RA Meza, Los Angeles, CA. David Geffen School of Medicine at UCLA

Abstract 262

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

3:30 A HIGH-THROUGHPUT, MECHANISM-BASED WHOLE-CELL SCREEN USING ESCHERICHIA COLI TO IDENTIFY INHIBITORS OF THE SEC PATHWAY OF BACTERIAL PROTEIN EXPORT. 
SM Weller, JC Jones, H Rosen and G Crowther, Seattle, WA. University of Washington School of Medicine (WAFMR/WAP Student Subspecialty Award Winner) (WSMRF)

Abstract 263

3:45 WHOLE GENOME SEQUENCING OF 366 CLINICAL ESCHERICHIA COLI ISOLATES COMPARES GENOTYPE WITH CLINICAL PRESENTATION AND SHOWS THE MOLECULAR EPIDEMIOLOGY AMONG STRAINS. 
D Roach, S Salipante, J Kitzman, M Snyder, B Stackhouse and J Shendure, Seattle, WA. University of Washington (WSMRF)

Abstract 264

4:00 THE EFFECTS OF BREASTMILK ON INFANT MICROBIOMES THROUGH PROMOTION VS INHIBITION OF BACTERIAL GROWTH. 
E Finn, C Gustafson, DN Frank and EN Janoff, Denver, CO. University of Colorado (WSMRF)

Abstract 265

4:15 INFECTIOUS DISEASES CONSULTATION IN CANDIDEMIA IS ASSOCIATED
WITH LOWER MORTALITY, HIGHER RATES OF BLOOD CULTURE CLEARANCE, AND GREATER ADHERENCE TO MANAGEMENT GUIDELINES.

N Babazadeh, M Shoeb, R Jain, H Xie, D Fredricks and PS Pottinger, Seattle, WA and San Francisco, CA. University of Washington School of Medicine

Abstract 266

4:30 IMPACT OF PRENATAL COUNSELING BY A PEDIATRICIAN ON POST-DELIVERY FOLLOW-UP AMONG HIV-EXPOSED INFANTS.

EE Ezeanolue, D Jackson and KA Ezeanolue, Las Vegas, NV. University of Nevada School of Medicine (WSPR)

Abstract 267

4:45 pm – 5:00 pm Intermission

5:00 AGE DEPENDENT PROGRESSION OF MURINE CYTOMEGALOVIRUS INFECTION IN THE DEVELOPING MOUSE TEMPORAL BONE.

MG Taggart, AH Park and Y Wang, Salt Lake City, UT. University of Utah School of Medicine

Abstract 268

5:15 VIRAL ETIOLOGY FOR ACUTE WHEEZING EPISODES IN CHILDREN WITH HIGH RISK FOR ASTHMA.

B Friedman, E Thomas, P Tilley and R Goldman, Vancouver, BC, Canada. BC Children’s Hospital University of British Columbia (WSC1 Travel Award Winner)

Abstract 269

5:30 GERMINAL CENTER T FOLLICULAR HELPER CELLS (GC TFH) FROM NAÏVE HOSTS ARE HIGHLY PERMISSIVE TO HIV-1 EX VIVO.

S Kohler, J Folkvord and E Connick, Denver, CO. University of Colorado Denver

Abstract 270

5:45 DETERMINANTS OF ROTAVIRUS-SPECIFIC ANTIBODY RESPONSES TO ORAL VACCINE IN SERUM IN INFANTS.

GK Habermehl, JT Rahkola, DN Frank and EN Janoff, Aurora, CO. University of Colorado School of Medicine (WSMRF)

Abstract 271

Morphogenesis and Malformations
Rehearsal Room, Sunset Center
Gary A. Bellus and David Viskochil, Presiding

3:30 State-of-the-Art Speaker

HENS TO HEDGEHOGS: BIRTH DEFECTS IN STEROL DISORDERS.

Robert D. Steiner, Oregon Health & Science University
4:00  ARTHROGRYPOSIS, RENAL DYSFUNCTION AND CHOLESTASIS (ARC) SYNDROME: A NEW PATIENT CASE REPORT.
M Brennan, L Slattery, E Esplin, GM Enns, L Hudgins and M Manning, Stanford, CA. Stanford School of Medicine (WSPR)

4:15  NEUROBLASTOMA IN AN INFANT WITH SEVERE ARTHROGRYPOSIS: CAN A PARANEOPLASTIC PROCESS CAUSE FETAL AKINESIA?
RD Clark, JA Bartley, J Gold and TA Merritt, Loma Linda, CA. Loma Linda University School of Medicine (WSPR)

4:30  EXPANDING THE ADAMS-OLIVER SYNDROME PHENOTYPE: A MAJOR ROLE FOR MINOR FEATURES.
ED Esplin, C Algaze, A Lowenthal, T Tacy, E Selamet Tierney and L Hudgins, Stanford, CA. Stanford University Medical Center (WSPR Mead Johnson Travel Award Winner) (WSPR)

4:45  17P13.3 DUPLICATION REVISITED: DELINEATION OF THE CORE AND VARIANT PHENOTYPES.
CJ Curry and WB Dobyns, Fresno, CA and Seattle, WA. UCSF-Fresno (WSPR, WSPR)

5:00  TWO SIBLINGS WITH ADDUCTED THUMB CLUBFOOT SYNDROME (ATCS), A RARE CAUSE OF DISTAL ARTHROGRYPOSIS.
B Li and A Slavotinek, San Francisco, CA. University of California San Francisco

5:15  UNDERSTANDING GROWTH FAILURE IN COSTELLO SYNDROME: INCREASED ENERGY INTAKE AND RESTING ENERGY EXPENDITURE.
C Leoni, JC Carey, A Diamanti, S De Santis, D Giorgio, A Rossodivita, G Mascolo, L Martini, I La Torraca, F Dotto and G Zampino, Salt Lake City, UT and Rome, Italy. University of Utah

5:30  HANDEDNESS IN RASOPATHIES.
B Alvord, K Rauen, A Stevens, H Hanson and D Stevenson, Salt Lake City, UT and San Francisco, CA. University of Utah (WSPR Subspecialty Award Winner)
3:30  
JOAN HODGEMAN LECTURE
ADRENAL INSUFFICIENCY AND STEROIDS IN THE NICU.
Erika Fernandez, University of New Mexico

4:00  
UP-REGULATION OF SONIC HEDGEHOG BY FIBROBLAST GROWTH FACTOR: THE ROLE OF TFAP2C, A DOWNSTREAM INTERMEDIATE.
AS Coggins, CU Pira, JM Feenstra and KC Oberg, Loma Linda, CA. Loma Linda University

4:15  
HEME OXYGENASE ACTIVITY AND HEME BINDING ARE CRITICAL IN EARLY LIFE.
J Ang, S Schulz, RJ Wong and DK Sevenson, Stanford, CA and East Lansing, MI.
Stanford University School of Medicine (WSPR Subspecialty Award Winner)

4:30  
SENSITIVITY OF THE MESENTERIC ARTERY OF FETAL AND ADULT SHEEP TO NITRIC OXIDE AND LOW MOLECULAR WEIGHT NITROSOTHIOLS.
E Davitt, T Liu, S Wilson and A Blood, Loma Linda, CA. Loma Linda University

4:45  
LIPOPOLYSACCHARIDE EXPOSURE IN EARLY PREGNANCY IS ASSOCIATED WITH LATE PREGNANCY COMPLICATIONS.
M Ozen, M Rivera, V Saravanapandian and TD Palmer, Palo Alto, CA. Stanford University

5:00  
USE OF ULTRASOUND IN THE DIAGNOSIS OF SPONTANEOUS INTESTINAL PERFORATION IN PRETERM INFANTS WITH BIRTH WEIGHT ≤ 1250 GRAMS.
AM Fischer, M Durand, L Vachon, L Barton and R Cayabyab, Los Angeles, CA.
LAC+USC Medical Center

5:15  
DOES ESP SECRETING STAPHYLOCOCCUS EPIDERMIDIS INHIBIT COLONIZATION WITH STAPHYLOCOCCUS AUREUS IN THE HOSPITALIZED NEWBORN INFANT?
D Lee, P Connolly, CR Polage and M Underwood, Sacramento, CA. University of California, Davis Medical Center

Abstracts 279-284
Nephrology and Hypertension
Room #6, Sunset Center
Vallabh Shah, Presiding

3:30  State-of-the-Art Speaker

CHRONIC KIDNEY DISEASE.
Vallabh (Raj) Shah, University of New Mexico

3:35  State-of-the-Art Speaker

CHRONIC KIDNEY DISEASE: PROSPECTIVE COHORT STUDIES
POTENTIAL OPPORTUNITIES FOR NEW INVESTIGATORS.
Craig Wong, University of New Mexico

4:00  THE EFFECT OF MEDICARE VS. PRIVATE INSURANCE ON ACCESS TO
KIDNEY TRANSPLANTATION.
ML Andre, M Kamgar, A Mehrnia, E Huang and S Bunnpradist, Los Angeles, CA.
David Geffen School of Medicine at UCLA (WAFMR/WAP Student Subspecialty Award
Winner) (WSMRF)

4:00  THE EFFECT OF MEDICARE VS. PRIVATE INSURANCE ON ACCESS TO
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Winner) (WSMRF)

4:15  INFLUENCE OF RACE/ETHNICITY ON INFLAMMATION, METABOLIC
SYNDROME AND KIDNEY FUNCTION.
SK Sinha, D Pan and SB Nicholas, Los Angeles, CA. Charles R Drew University (WSCI
Travel Award Winner)

4:30  COMPLICATIONS AND RISK FOR READMISSION AMONG PATIENTS
HOSPITALIZED WITH CHRONIC KIDNEY DISEASE.
JP Casey, R Bryant, K Hatzinikolis, K Tuttle and K Daratha, Seattle, WA and Spokane,
WA. University of Washington School of Medicine

4:45  ABSENCE OF CD2AP RESULTS IN GLOMERULAR HYPERTROPHY,
PODOCYTE LOSS AND GLOMERULOSCLEROSIS.
J Basgen, S Nicholas, A Shaw and K Campbell, Los Angeles, CA; St. Louis, MO and
New York, NY. Charles R. Drew University of Medicine and Science (WAFMR Scholar
Award Winner) (WAFMR)

5:00  PROTECTION FROM COLD ISCHEMIA IN HIBERNATING MAMMALS.
A Jani and C Edelstein, Aurora, CO. University of Colorado Denver (WAFMR)

5:15  MONOCLONAL ANTI-INTERLEUKIN-6 ANTIBODIES ATTENUATE DONOR-
SPECIFIC ANTIBODY RESPONSES IN A MOUSE MODEL OF ALLO-
SENSITIZATION.
SC Jordan, G Wu, N Chai and A Klein, Los Angeles, CA. Cedars-Sinai Medical Center
5:30  RISKS OF RHABDOMYOLYSIS AND ACUTE KIDNEY INJURY AMONG HOSPITALIZED SUBSTANCE USERS.
DF Moore, KJ Hatzinikolis and KB Daratha, Seattle, WA and Spokane, WA. University of Washington School of Medicine (WSMRF)

5:45  THE INCREASE IN IL-33, CD4 T CELLS AND CXCL1 PRECEDES THE RENAL FAILURE AND TUBULAR INJURY IN A 4 WEEK MODEL OF CISPLATIN-INDUCED ACUTE KIDNEY INJURY (AKI) IN MICE.
C Edelstein, H Kim, Z He and A Jani, Aurora, CO. University of Colorado Denver (WAP)

Surgery II
Studio 105 (Sunset Center)
Tom Nighswander, Presiding

3:30  OUTCOMES OF KIDNEY TRANSPLANTATION FOLLOWING ROBOTIC PROSTATECTOMY.
JD Creech, DJ Culpepper, AT Mai, CC Ng, CL Wallner, GO Huang, KM Anderson, AE Schlaifer, DC Arnold, G Olgen and D Baldwin, Loma Linda, CA. Loma Linda University (WSMRF)

3:45  COMPARISON OF HEAD AND NECK TUMOR CLINICAL STAGING VS. PATHOLOGICAL STAGING.
K Tran, Loma Linda, CA. Loma Linda University. School of Medicine

4:00  COST ANALYSIS OF COMMON PLASTIC SURGERY PROCEDURES: GEOGRAPHY VERSUS ECONOMICS.
C Richardson, A Workman and S Gupta, FACS, Loma Linda, CA. Loma Linda University (WSMRF)

4:15  A RESORBABLE HEMOSTAT FOR LAPAROSCOPIC PARTIAL NEPHRECTOMY.
RR Delisser, A Crofton, A DiNinni and W Kirsch, Loma Linda, CA. Loma Linda University School of Medicine (WSMRF)

4:30  PULLOUT STRENGTH COMPARISON IN CENTRAL AND JUXTA-ENDPLATE ANTERIOR LUMBAR INTERBODY FUSION PLATE PLACEMENT.
A Yang, W Dajnowicz, S Inceoglu and W Cheng, Loma Linda, CA. Loma Linda University (WSMRF)
4:45  THE EFFECT OF AGE ON RAT ROTATOR CUFF MUSCLE ARCHITECTURE.
MA Swan, EJ Sato and SR Ward, San Diego, CA. University of California

5:00  FAILURE RATE OF TRANSSACRAL SCREW FIXATION IN POSTERIOR
PELLVIC RING INJURIES WITH ZONE II SACRAL FRACTURES.
M Chambers, T Ferguson and W Min, Sacramento, CA. University of California, Davis

5:15  IN-HOSPITAL WAIT TIME AND APPENDICITIS: IS THERE AN
ASSOCIATION WITH PERFORATION?
N Mottey, FT Drake and DR Flum, Seattle, WA. University of Washington School of
Medicine (WSMRF, Non-Member)

5:30  CEREBROSPINAL FLUID COMPLICATIONS FOLLOWING INTRADURAL
SPINAL SURGERIES IN CHILDREN.
V Liu, C Gillis, A Singhal, D Cochrane and P Steinbok, Vancouver, BC, Canada.
University of British Columbia

5:45  EVALUATING FASTING GUIDELINES FOR PEDIATRIC SURGICAL
PATIENTS AT BRITISH COLUMBIA CHILDREN'S HOSPITAL.
J Cheng, W Hill, T Page, D Duffy and S Whyte, Vancouver, BC, Canada. University of
British Columbia
BREAKFAST-WITH-THE-INVESTIGATOR

Monterey Beach Hotel – Captain’s Table Room
Saturday, January 26, 2013
7:00 AM – 7:45 AM

ACADEMIC MEDICINE AND PRIMARY CARE.
Laurel Desnick, University of Washington

BALANCING CAREER, FAMILY, AND LIFE.
Gary Satou, MD and Nancy Satou, RN, David Geffen School of Medicine at UCLA

HOW TO NAVIGATE YOUR FUTURE: HARNESING THE "FIRE IN YOUR BELLY". Jacqueline Casillas, MD, David Geffen School of Medicine at UCLA
Adolescent Medicine, General Pediatrics, and Nephrology II
Rehearsal Room, Sunset Center
Mary Ramos and Douglas G. Mastell, Presiding

8:00 DOCUMENTATION AND RECOGNITION OF ABNORMAL BLOOD PRESSURE IN CHILDREN.
J Thai and M Bar-on, Reno, NV. University of Nevada School of Medicine (WSPR Subspecialty Award Winner)

8:15 THE PREVALENCE AND MANAGEMENT OF DIARRHEAL DISEASES IN CHILDREN UNDER AGE FIVE IN A RURAL VILLAGE OF GHANA.
D Ogez and D Rickard, Santa Monica, CA. David Geffen School of Medicine at UCLA

8:30 DECREASED KIDNEY WEIGHT AND GLOMERULAR HYPERTROPHY ARE ASSOCIATED WITH CHRONIC EXPOSURE TO LOW BUT NOT HIGHER LEVEL LEAD IN YOUNG MICE.
J Basgen and C Sobin, Los Angeles, CA and El Paso, TX. Charles R. Drew University of Medicine and Science (WAFMR)

8:45 CAN WE PREDICT THE HISTOPATHOLOGY OF CHILDHOOD NEPHROTIC SYNDROME USING CLINICAL BIOMARKERS?
9:00 IMPACT OF VIDEOCONFERENCING ON STRESS IN HOSPITALIZED CHILDREN.
NH Yang, M Dharmar, CK Sadorra, NM Hojman, D Sundberg, J Trujano, M Marcin, GL Wold and JP Marcin, Sacramento, CA. University of California, Davis

9:15 CLINICAL BIOMARKERS OF LONG-TERM OUTCOME IN CONGENITAL URINARY TRACT OBSTRUCTION.
S Yu, SJ Morrison and D Matsell, Vancouver, BC, Canada. BC Children's Hospital

9:30 State-of-the-Art Speaker
GENOME-WIDE ASSOCIATION STUDIES FOR CKD AND RENAL PROGRESSION.
Craig Wong, University of New Mexico

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

8:00 COST-EFFECTIVENESS ANALYSES OF A PEDIATRIC CRITICAL CARE TELEMEDICINE PROGRAM.
NH Yang, JP Marcin, B Yoo, J Leigh and M Dharmar, Sacramento, CA. University of California, Davis

8:15 SAFETY AND EFFICACY OF THE LEVONORGESTREL-RELEASING INTRAUTERINE SYSTEM IN TRANSPLANT PATIENTS.
T Nizamic, A Amies Oelschlager, K Debiec, J Smith, E Micks and S Prager, Seattle, WA. University of Washington (WSMRF)

8:30 UNAPPROVED NARCOTIC PRESCRIPTIONS IN PATIENTS ON CHRONIC OPIOID THERAPY.
SK Rush and JO Merrill, Seattle, WA. University of Washington School of Medicine (WAFMR)

8:45 BUILDING CONFIDENCE, SELF-ESTEEM AND AWARENESS: A CASE REPORT OF PILOT WORKSHOPS CENTERED AROUND RISK REDUCTION AND HIV/STI PREVENTION IN THE MSM COMMUNITY IN CALLAO, PERU.
HI Shull, K Konda, C Caceres and S Kegeles, Los Angeles, CA; Lima, Peru and San
9:00  DECREASING ALCOHOL ABUSE BY UTILIZING RADIO TRAFFIC PUBLIC SERVICE ANNOUNCEMENTS IN DILLINGHAM, ALASKA.
DM Lotakis, Seattle, WA. University of Washington School of Medicine (WSMRF)  
Abstract 312

9:15  SAVE YOUR OWN SKIN: SKIN CANCER PREVENTION AND IDENTIFICATION PROGRAM IN SARATOGA, WY.
M Wefel, Seattle, WA. University of Washington (WSMRF)  
Abstract 313

9:30  SPECIALTY DISRESPECT AT A PRIMARY CARE SCHOOL: STUDENT PERSPECTIVES.
MT Alston, J Cawse-Lucas, A Kost, LS Hughes and T Wheeler, Seattle, WA. University of Washington School of Medicine (WSMRF, Non-Member)  
Abstract 314

9:45  PREDICTIVE FACTORS OF 30-DAY READMISSIONS FOR HEART FAILURE PATIENTS.
C Amble, S Edgington, H Xu and M Ong, Los Angeles, CA. David Geffen School of Medicine at UCLA (WSMRF)  
Abstract 315

10:00 am – 11:00 am Break and Poster Session
Endocrinology and Metabolism III
Bingham Room #3 (Sunset Center)
Karen Foster-Schubert and Bradley Anawalt, Presiding

8:00  PHARMACOLOGIC INHIBITION OF NFκB IN COMBINATION WITH TAXANE-BASED CHEMOTHERAPY FOR TREATING ADVANCED THYROID CANCER.
A Berlinberg, B Haugen and W Wood, Aurora, CO. University of Colorado School of Medicine (WAFMR/WAP Student Subspecialty Award Winner) (WAFMR)  
Abstract 316

8:15  EFFECTIVENESS OF SPIRONOLACTONE IN REDUCING HAIR LOSS IN WOMEN WITH ANDROGENETIC ALOPECIA.
C Slaught and C Goh, Los Angeles, CA. David Geffen School of Medicine at University of California Los Angeles (WSMRF)  
Abstract 317

8:30  ASSESSING MUSCLE MITOCHONDRIAL FUNCTION IN CHILDREN WITH 31 PHOSPHORUS SPECTROSCOPY DURING EXERCISE.
M Cree-Green, A West, M Brown, B Newcomer, A Hull, D Singel, K Mizokami-Stout, J Regensteiner and K Nadeau, Aurora, CO and Birmingham, AL. University of Colorado (WAFMR Scholar Award Winner) (WSPR, WSMRF)  
Abstract 318
8:45 BIOCHEMICAL STABILIZATION OF GLUCAGON BY POLYPHENOLS FOR BIHORMONAL CLOSED LOOP TREATMENT OF TYPE 1 DIABETES.
P Bakhtiani, N Caputo, M Jackson, C Bergstrom, J Castle and WK Ward, Portland, OR. Oregon Health and Science University (WSCI Travel Award Winner)

9:00 PERCEPTIONAL DISPARITIES AFFECT TYPE 2 DIABETES CARE AMONG ZUNI INDIANS.
AJ Sulahria, C Carroll, R Mals, MR Burge and V Shah, Albuquerque, NM. University of New Mexico Health Sciences Center

9:15 RELATIONSHIP BETWEEN TESTOSTERONE AND LIPIDS BY DIABETES STATUS AMONG MEN IN A LARGE HOSPITAL DATABASE.
C Murray-Krezan, H Davis and MR Burge, Albuquerque, NM. University of New Mexico Health Sciences Center

9:30 PREVALENCE OF OBESITY, TOBACCO USE, AND DYSLIPIDEMIA IN VA GERIATRIC PATIENTS STRATIFIED BY AGE GROUP.
W Gu, S Mcfarland, C Gu, S Gu and J Huang, Fresno, CA. VACCHCS (WSCI Travel Award Winner)

9:45 RISK FACTORS FOR PERSISTENT DIABETIC MACULAR EDEMA.
T Diep and I Tsui, Los Angeles, CA. David Geffen School of Medicine at UCLA

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

General Internal Medicine and Aging I
Room #6, Sunset Center
Matthew Bouchonville and Richard Dorin, Presiding

8:00 State-of-the-Art Speaker
WEIGHT LOSS, EXERCISE, AND CARDIOMETABOLIC RISK FACTORS IN OBESE OLDER ADULTS, A RANDOMIZED CONTROLLED TRIAL.
Matthew Bouchonville, University of New Mexico

8:30 ASSOCIATION BETWEEN HIGHER FASTING SERUM GLUCOSE LEVELS AND THE PATTERN OF LOWER REGIONAL GRAY MATTER VOLUMES IN COGNITIVELY NORMAL ADULTS.
J Bartell, C Burns, P Thiyyagura, A Li, S Parks, H Protas, W Lee, A Fleisher, A Kasniak, K Chen and E Reiman, Phoenix, AZ and Tucson, AZ. University of Arizona COM (WSMRF)
8:45   **UTILITY OF FDG-PET IN THE EVALUATION OF LARGE-JOINT OSTEOARTHRITIS.**
*S Kao, M Morshed, P Patel and S Obrzut, LA Jolla, CA. University of California San Diego Health Sciences (WAFMR/WAP Student Subspecialty Award Winner) (WSMRF)

9:00   **TARGETED DATA INDEPENDENT ACQUISITION FOR MASS SPECTROSCOPY PROTEOMICS.**
*K Chen, J Egertson and M MacCoss, Seattle, WA. University of Washington School of Medicine (WSMRF)

9:15   **DIAGNOSTIC STAGING OF LIMBAL STEM CELL DEFICIENCY OF THE CORNEA.**
*EH Chan, M Nakatsu and SX Deng, Los Angeles, CA. David Geffen School of Medicine at UCLA (WSMRF)

9:30   **INCREASING PRESCRIPTION MEDICATION ADHERENCE AMONG VULNERABLE SENIORS.**
*TG Simpson, Seattle, WA. University of Washington School of Medicine (WSMRF)

9:45   **PROMOTING UNDERSTANDING OF DEPRESSION AMONG OLDER ADULTS IN SANDPOINT, IDAHO.**
*K Lammert, Seattle, WA. University of Washington School of Medicine (WSMRF)

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

Neonatology – Developmental Biology
Chapman #4 (Sunset Center)
Christian Con Yost and Laura D. Brown, Presiding

8:00   **GRADED OXYGEN SATURATION TARGETS FOR PREMATURE INFANTS IN RELATION TO OUTCOMES.**
*V Arora, R Cayabyab, M Durand and R Ramanathan, Los Angeles, CA. LAC+USC Medical Center (WAFMR Scholar Award Winner)

8:15   **THE ESET HISTONE METHYLTRANSFERASE IS CRITICAL TO OSTEOBLAST DIFFERENTIATION AND TRABECULAR BONE FORMATION.**
*KA Lawson, L Yang and H Chansky, Seattle, WA and Philadelphia, PA. University of Washington (WSPR Subspecialty Award Winner)

Abstract 325
Abstract 326
Abstract 327
Abstract 328
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Abstract 331
Abstract 332
8:30  A NOVEL SOURCE OF CULTURED PODOCYTES.
S Da Sacco, KV Lemley, S Sedrakyan, I Zanusso, A Petrosyan, J Peti-Peterdi, J Burford, RE De Filippo and L Perin, Los Angeles, CA and Padova, Italy. Children's Hospital Los Angeles (WSPR Mead Johnson Travel Award Winner)

Abstract 333

8:45  State-of-the-Art Speaker
IMPROVING LEAN MASS GROWTH IN INTRAUTERINE GROWTH RESTRICTION.
Laura D. Brown, University of Colorado School of Medicine

9:15  MATERNAL TOBACCO SMOKE EXPOSURE DIFFERENTIALLY ALTERS CANNABIONOID RECEPTOR EXPRESSION IN OFFSPRING RAT ADIPOSE TISSUE.
I Trevenzoli, J Chemoshe, Y Wang, M Fitzhugh, K Albertine, RH Lane and L Joss-Moore, Salt Lake City, UT. University of Utah

Abstract 334

9:30  EFFECTS OF ERYTHROPOIETIN AND DARBEPOETIN ON HUMAN FETAL NEUROGENESIS.
SL Rossol, U Malik, R Ohls and S McConaghy, Albuquerque, NM. University of New Mexico School of Medicine

Abstract 335

9:45  IN UTERO NICOTINE EXPOSURE MODULATES EXPRESSION OF INFLAMMATORY PROTEINS BY BONE MARROW DERIVED MESENCHYMAL STEM CELLS: RELEVANCE TO THE INFLAMMATORY RESPONSE.
U Ogbozor, S Hussain, V Narvaez, J Torday, B Ibe and V Rehan, Torrance, CA. Los Angeles Biomedical Research Center, Harbor-UCLA (WSPR, WSPR)

Abstract 336

10:00 am – 11:00 am Break and Poster Session
Pulmonary and Critical Care II
Promenade Lobby (Sunset Center)
Amir A. Zeki and Michel Boivin, Presiding

8:00  **CHRONIC LUNG ALLOGRAFT DYSFUNCTION: DO DISTINCT SPIROMETRIC PHENOTYPES EXIST?**

* A Zhang, A Derhovanessian, J Belperio and S Weigt, Los Angeles, CA. David Geffen School of Medicine at UCLA (WAFMR/WAP Student Subspecialty Award Winner)

Abstract 337

8:15  **INTERLEUKIN-33 PLAYS AN IMPORTANT ROLE IN ANTIGEN-DEPENDENT AND ANTIGEN-INDEPENDENT ASTHMA-LIKE PHENOTYPE.**

* J Li, J Magat, J Thomas, J Dumouchel and T Bigby, La Jolla, CA. University of California, San Diego (California Thoracic Society Scholar Winner) (CTS, WAFMR)

Abstract 338

8:30  **FOXP3+ REGULATORY T CELLS CONTROL LYMPHOCYTE IL-10 PRODUCTION AFTER ACUTE PSEUDOMONAS AERUGINOSA INFECTION.**

* P Namdaran, X Zhu and JK McGuire, Seattle, WA. University of Washington School of Medicine (WSMRF)

Abstract 339

8:45  **FLUTICASONE PROPIONATE PHARMACOGENETICS: CYP3A4*22 POLYMORPHISM AND PEDIATRIC ASTHMA CONTROL.**

* C Stockmann, B Fassl, R Gaedigk, F Nkoy, D Uchida, C Reilly, S Leeder, G Yost and R Ward, Salt Lake City, UT and Kansas City, MO. University of Utah Health Sciences Center (WAFMR Scholar Award Winner) (WSPR)

Abstract 340

9:00  **ROLE OF IGF-1 IN FIBROBLAST COLLAGEN GEL CONTRACTION.**

* MD Sather, C Hung and LM Schnapp, Seattle, WA. University of Washington School of Medicine (WSMRF)

Abstract 341

9:15  **State-of-the-Art Speaker**

**UPDATE ON SEVERE ASTHMA.**

* Nicholas J Kenyon, University of California, Davis

10:00 am – 11:00 am Break and Poster Session
8:00  PROGNOSTIC BIOMARKERS IN PATIENTS WITH DOWNSTAGED PANCREATIC CANCER.
D Sunjaya, B Kadera, L Li and T Donahue, Los Angeles, CA. David Geffen School of Medicine at UCLA (WAFMR/WAP Student Subspecialty Award Winner) (WAFMR)

Abstract 342

8:15  COST SAVINGS OF AN ALGORITHM FOR ALLOCATION OF ENDOCRINE SURGERY PATIENTS TO THE APPROPRIATE MEDICAL FACILITY BASED ON PERI-OPERATIVE RISK STRATIFICATION.
AG Abdulla, PH Ituarte, R Wiggins, A Harari and M Yeh, Los Angeles, CA. David Geffen School of Medicine at UCLA (WSMRF)

Abstract 343

8:30  INFLAMMATORY MARKER MCP-1 ELEVATED IN RAT BRAIN FOLLOWING TRAUMA HEMORRHAGIC SHOCK.
D Burneikis, L Lee, J Stringham, M Fragoso, F Gamboni and A Banerjee, Aurora, CO. University of Colorado

Abstract 344

8:45  TRENDS IN HOSPITAL COSTS ASSOCIATED WITH ESOPHAGECTOMY FOR CANCER: ESTIMATES FROM THE NATIONWIDE INPATIENT SAMPLE (2001-2009).
BJ DiPardo, BS Diggs and JP Dolan, Portland, OR. Oregon Health & Science University

Abstract 345

9:00  PHOTOPLETHYSMOGRAPHY AS A RELIABLE TOOL IN THE MEASUREMENT OF HEMODYNAMICS IN TISSUE.
MD Ramirez, La Jolla, CA and San Diego, CA. University of California, San Diego School of Medicine

Abstract 346

9:15  FEMALE GENDER PREDICTS POOR OUTCOMES WITH EXTRACOPOREAL MEMBRANE OXYGENATION.
E Lancaster, P Frank, D Laufer, N Satou, M Tamrat, R Shemin and P Benharash, Los Angeles, CA. David Geffen School of Medicine at UCLA (WSMRF)

Abstract 347

9:30  MIDTERM OUTCOMES FOLLOWING OPEN AND ENDOVASCULAR REPAIR OF RUPTURED ABDOMINAL AORTIC ANEURYSMS.
D Forte and N Tran, Seattle, WA. University of Washington School of Medicine (WSMRF, Non-Member)

Abstract 348
9:45  A MODEL OF COST EFFECTIVE SURGERY IN A RESOURCE POOR
SETTING.
K Rattray, J Gollogly and T Tam, Seattle, WA and Phnom Penh, Cambodia. University of
Washington

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

POSTER SESSION III

Jointly sponsored by

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

Carpenter Hall

8:00 AM – 12:30 PM
Saturday, January 26, 2013

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

General Internal Medicine and Aging
Endocrinology and Metabolism
Pulmonary and Critical Care
Surgery

Poster Number

General Internal Medicine and Aging

89 INCREASING LEISURE ACTIVITY PARTICIPATION THROUGH
EDUCATION OF ITS BENEFITS FOR SENIOR CITIZENS OF ENNIS, MT.
G Meng, Seattle, WA. University of Washington Medical School (WAFMR)

Abstract 350

90 EDUCATING SENIORS ON FALL PREVENTION IN EASTSOUND, WA.
C Senecal, University Place, WA. University of Washington (WSMRF)

Abstract 351
91 FREQUENTLY PRESCRIBED MEDICATIONS IMPLICATION ON BONE MINERAL DENSITY IN A VA POPULATION.
MD Happawana, G Hematillake, C Schaefer and J Huang, Fresno, CA. VA Central California Health Care System- Fresno

92 COMMUNITY EXCERISE STATIONS TO IMPROVE OBESITY AND PHYSICAL INACTIVITY.
C Handran, Seattle, WA. University of Washington

Endocrinology and Metabolism
93 EDUCATION AND SUPPORT FOR HISPANIC WOMEN WITH GESTATIONAL DIABETES IN BREWSTER, WA.
MA Harms, Wenatchee, WA. University of Washington School of Medicine

94 SYNTHETIC β-GLUCOGALLIN REDUCES SORBITOL LEVELS IN TRANSGENIC MICE OVEREXPRESSING ALDOSE REDUCTASE IN THE LENS.
A Snow and J Pettrash, Aurora, CO. University of Colorado School of Medicine (WSMRF)

95 MALIGNANT PHEOCHROMOCYTOMA - A DIAGNOSTIC AND TREATMENT DILEMMA.
J Jaghab, K Navabi, M Burge, M Bouchonville, D Schade, M Davis, H Kerr and P Kapsner, Albuquerque, NM. University of New Mexico Health Sciences Center

96 PAPILLARY THYROID CARCINOMA ARISING IN STRUMA OVARIi.
K Navabi, M Bouchonville, M Burge, J Jaghab, M Spafford, S Saxon and P Kapsner, Albuquerque, NM. University of New Mexico Health Sciences Center

97 CHRONIC PARATHYROIDITIS: A DIAGNOSTIC CONSIDERATION IN THE HYPOCALCEMIC PATIENT FOLLOWING SURGICAL CORRECTION OF PRIMARY HYPERPARATHYROIDISM.
R Patel-Trujillo, D Schade, P Kapsner, S Saxon, M Spafford and M Bouchonville, Albuquerque, NM. University of New Mexico Health Sciences Center
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<td>CONGLOMERATE PULMONARY FIBROSIS: MICA, SILICA, BOTH OR NEITHER? 15-YEAR FOLLOW UP.</td>
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<td><em>LW Raymond</em>, Charlotte, NC. University of North Carolina, Chapel Hill (WAFMR)</td>
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<td><em>I Morales-Carillo</em>, Seattle, WA. University of Washington (WSMRF)</td>
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<td>EFFICACY OF BOLUS-DOSE PHENYLEPHRINE FOR PERI-INTUBATION HYPOTENSION.</td>
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<td><em>A Satyanarayan</em>, AR Panchal and J Mosier, Tucson, AZ. University of Arizona College of Medicine (WSMRF)</td>
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<td>TOBACCO CESSION EDUCATION FOR ASIAN/PACIFIC ISLANDERS IN SEATTLE, WA.</td>
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<td><em>M Shi</em>, Seattle, WA. University of Washington (WSMRF)</td>
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<td>STANDARDIZED TESTS AND SIMULATORS IN CRITICAL CARE: ARE WE REALLY TESTING THE STUDENT'S APPLIED KNOWLEDGE?</td>
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<td><em>D Laufer</em>, P Frank, E Lancaster and P Penharash, Los Angeles, CA. David Geffen School of Medicine at UCLA</td>
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<td>UMBILICAL CORD BLOOD GASES AND NEONATAL RESPIRATORY OUTCOME AMONG PREMATURE INFANTS BORN AT ≤ 30 WEEKS GESTATIONAL AGE.</td>
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<td><em>I Odom</em>, L Willies-Jacobo, M Eyzaguirre and A Dosanjh, San Diego, CA. University of California, San Diego</td>
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| 105 | ANNUlar AMNIOTIC MEMBRANE TRANSPLANTATION AS A HOST INCORPORATED GRAFT IN THE MANAGEMENT OF BROWN-MCLEAN SYNDROME.  
_H Mai and D Hamilton, Manhattan Beach, CA and Los Angeles, CA. David Geffen School of Medicine at UCLA  
Abstract 366 |
| 106 | BEST MANAGEMENT OF ULTRA-SMALL TRACHEOBRONCHIAL FOREIGN BODIES IN NEONATES.  
_T Jasinovic, A Thamboo and JP Ludemann, Vancouver, BC, Canada. University of British Columbia  
Abstract 367 |
| 107 | LIGAMENTOGENIC PROPERTIES OF BONE MARROW STROMA CELL SEEDED POLYCAPROLACTONE SCAFFOLDS IN VIVO.  
_BS Shin, GA Arom, AN Nazemi, M Yeranosian, FA Petrigliano, BM Wu, PA Zuk and DR McAllister, Los Angeles, CA. David Geffen School of Medicine at UCLA (WSMRF)  
Abstract 368 |
| 108 | COMPLICATIONS AND LONG TERM FOLLOW UP ASSOCIATED WITH ENDOVASCULAR REPAIR OF BLUNT THORACIC AORTA INJURY.  
_A Gilbert and M Langsfeld, Albuquerque, NM. University of New Mexico School of Medicine  
Abstract 369 |
| 109 | A MULTIDISCIPLINARY ESOPHAGEAL ATRESIA CONTINUITY CLINIC AT BC CHILDREN'S HOSPITAL: A SYSTEMATIC EVALUATION IN DESIGN AND FEASIBILITY.  
_QK Clarke and GK Blair, Vancouver, BC, Canada. British Columbia Children's Hospital and University of British Columbia (WSMRF)  
Abstract 370 |
| 110 | RETROSPECTIVE REVIEW OF THE MANAGEMENT OF INFECTED DERMAL SINUS TRACTS AND ASSOCIATED INTRADURAL DERMOID TUMORS.  
_WT Luo, P Steinbok, A Singhal and DD Cochrane, Vancouver, BC, Canada. University of British Columbia  
Abstract 371 |
| 111 | THE ADDED UTILITY OF MRI IN THE DIAGNOSIS OF ATLANTO-OCCIPITAL DISLOCATION.  
_J Gire, R Roberto, M Bobinski, E Klineberg and B Durbin-Johnson, Sacramento, CA. University of California, Davis School of Medicine  
Abstract 372 |
112 SINGLE INSTITUTION EXPERIENCE WITH INCIDENTAL RENAL ARTERY ANEURYSMS: PRESENTATION, MANAGEMENT AND OUTCOMES.
J Klausner, A Plotnik, E Lehrman and PF Lawrence, Los Angeles, CA. David Geffen School of Medicine at UCLA

113 DELAYED EXTENSOR POLLICIS LONGUS TENDON RUPTURE FOLLOWING NONDISPLACED DISTAL RADIUS FRACTURE IN A CHILD.
D Song, R Evans and J Arneja, Vancouver, BC, Canada. University of British Columbia

114 THE INFLUENCE OF BODY MASS INDEX AND EDUCATIONAL LEVEL ON OUTCOMES IN ANTERIOR CRUCIATE LIGAMENT REPAIR: A PRELIMINARY STUDY.
O Medina, M Yeranosian and F Petrigliano, Los Angeles, CA. David Geffen School of Medicine at UCLA

115 TRANS-MAXILLARY APPROACHES TO THE ANTEROLATERAL SKULL BASE: AN ENDOSCOPIC ANATOMICAL STUDY.
A Dru, J Eales, AM Elhadi, GA Mendes, N Martirosyan and MC Preul, Tucson, AZ and Phoenix, AZ. University of Arizona College of Medicine (WSMRF)

116 THE ROLE OF LEARNING RESOURCES IN PRE-OPERATIVE AND POST-OPERATIVE EDUCATION FOR PEDIATRIC PATIENTS AND THEIR FAMILIES IN A CLINICAL SURGERY SETTING.
ES Shao, MM Maruyama, J Lidder, M Yong, C Adamson, A Nowak, H Scott, N O'Hara, E Webber and D Duffy, Vancouver, BC, Canada. University of British Columbia (WSMRF)

117 CO-CULTURE OF ADIPOSE DERIVED STEM CELLS AND CHONDROCYTES WITH SURFACE MODIFYING PROTEINS ON A CARTILAGE AND BONE SCAFFOLD.
JC Heap, M Luna, H Waters, KJ Penick and JA Szivek, Tucson, AZ. University of Arizona College of Medicine (WSMRF)
118  THE APPENDICITIS INTERVIEW PROJECT: A QUALITATIVE ASSESSMENT OF PATIENT DECISION-MAKING IN ACUTE APPENDICITIS.
A Castelli and FT Drake, Seattle, WA. University of Washington (WSMRF)

119  DEVELOPMENT OF SIMULATION-BASED TRAINING CURRICULUM FOR BASIC MOTOR SKILLS OF ARTHROSCOPIC SURGERY.
K Rose and R Pedowitz, Santa Monica, CA. David Geffen School of Medicine at UCLA (WSMRF)

120  A NEW APPROACH TO TEACHING AORTIC CANNULATION.
PN Frank, Los Angeles, CA. David Geffen School of Medicine at UCLA

121  USE OF AN INTEGRATED NEGATIVE PRESSURE WOUND THERAPY SYSTEM WITH VOLUMETRIC AUTOMATED FLUID INSTILLATION FOR TREATING WOUNDS WITH AN INFECTION: A CASE SERIES.
E Kristensen and A Gabriel, Vancouver, WA. Peacehealth Plastic Surgery

122  QUANTITATIVE AND QUALITATIVE EVALUATION OF STEM-CELL DERIVED LARYNGEAL MUCOSA REPLACEMENT.
A Kita and J Long, Los Angeles, CA. David Geffen School of Medicine at UCLA (WSMRF)

123  USING MRI TO GENERATE 3D MODELS OF HILL-SACHS LESIONS.
JL Ouellette, M Douglas, A Eskinazi and D Latt, Tucson, AZ. The University of Arizona

124  OPEN VERSUS ROBOTIC RADICAL PROSTATECTOMY: FUNCTIONAL AND ONCOLOGICAL OUTCOMES OF ONE SURGEON.
S Shah, G Sonn, L Kwan, L Whitted, R Dennis and R Reiter, Corona, CA and Los Angeles, CA. David Geffen School of Medicine at UCLA (WSMRF)
Adolescent Medicine, General Pediatrics, and Nephrology III
Rehearsal Room
Douglas G. Mastell and Mary Ramos, Presiding

11:00 TRPV4-DEFICIENCY INHIBITS APOPTOSIS DURING URINARY TRACT OBSTRUCTION.
M Hiatt, L Ivanova, P Trnka and D Matsell, Vancouver, BC, Canada and Brisbane, QLD, Australia. BC Children's Hospital (WSPR Mead Johnson Travel Award Winner)

11:15 SELF EFFICACY DOES NOT CORRELATE WITH HOURS OF PARTICIPATION IN A DIABETES RISK REDUCTION PROGRAM FOR ADOLESCENTS AND YOUNG ADULTS.
M Jenkins, A Mandeville, A Harris, B Skipper, J Dalen and A Kong, Albuquerque, NM. University of New Mexico

11:30 CARDIAC SURGERY ASSOCIATED ACUTE KIDNEY INJURY IN INFANTS AND NEONATES: RELATIONSHIP BETWEEN URINE OUTPUT AND SERUM CREATININE.
K Lee-Son, SK Gandhi, AI Campbell, P Skippen, M Zappitelli, V Sahraei and C Mammen, Vancouver, BC, Canada and Montreal, QC, Canada. BC Children's Hospital

11:45 EFFECTIVENESS OF A MULTIDISCIPLINARY TERTIARY WEIGHT
MANAGEMENT CLINIC AT IMPROVING BODY MASS INDEXES AND BLOOD PRESSURES AMONG MORBIDLY OBESE PEDIATRIC PATIENTS.
CK Thang, M Whitley, N Izaadpanah, D DeUgarte and W Slusser, Los Angeles, CA.
David Geffen School of Medicine at UCLA

Abstract 389

12:00 BUILDING A CLINICAL PATHWAY FOR CHILDHOOD NEPHROTIC SYNDROME.
JJ Jobsis, C Mammen, A AlShami, M Sibley and D Matsell, Vancouver, BC, Canada. BC Children's Hospital

Abstract 390

12:15 SAFETY OF THE LEVONORGESTREL INTRAUTERINE SYSTEM FOR ADOLESCENTS WITH DEVELOPMENTAL DISABILITIES.
MD Mantrala, A Amies Oelschlager, KE Debiec, N Nagella, E Micks and S Prager, Seattle, WA. University of Washington School of Medicine (WSMRF)

Abstract 391

Cardiovascular III
Promenade Lobby (Sunset Center)
Jane Shelby, Presiding

11:00 PREVENTION OF ANTIBODY PRODUCTION IN HEART TRANSPLANT PATIENTS RECEIVING ATG INDUCTION THERAPY.
M Rafie, A Osborne, N Patel, M Hamilton and J Kobashigawa, Los Angeles, CA.
Cedars-Sinai Heart Institute

Abstract 392

11:15 DOES THE RENAL SPARING PROTOCOL WITH CESSATION OF CNI RESULT IN METABOLIC IMPROVEMENT?
N Murray-Bruce, M Rafie, A Osborne, M Hamilton and J Kobashigawa, Los Angeles, CA. Cedars-Sinai Heart Institute

Abstract 393

11:30 THE OBESITY PARADOX - DOES IT APPLY AFTER HEART TRANSPLANTATION?
F Lee, M Rafie, A Osborne, M Hamilton and J Kobashigawa, Los Angeles, CA. Cedars-Sinai Heart Institute

Abstract 394

11:45 CHARACTERISTICS OF PRIMARY GRAFT DYSFUNCTION- A SINGLE CENTER EXPERIENCE.
B Cohen, M Rafie, A Osborne, M Hamilton and J Kobashigawa, Los Angeles, CA.
Cedars-Sinai Heart Institute

Abstract 395
12:00 CARDIAC STRANGULATION FOLLOWING EPICARDIAL PACEMAKER IMPLANTATION: A RARE PEDIATRIC COMPLICATION.
EM Carreras and AI Campbell, Vancouver, BC, Canada. B.C. Children's Hospital (WSMRF)
Abstract 396

12:15 NON-INVASIVE STUDY OF CAVAL COMPRESSION SYNDROME IN PREGNANCY.
JA Shuen, D Woelkers and C Patino, La Jolla, CA. University of California San Diego School of Medicine
Abstract 397

General Internal Medicine and Aging II
Bingham Room #3 (Sunset Center)
Jared Klein, Presiding

11:00 ULTRAVIOLET EXCIMER LASER TREATMENT OF GENERALIZED PSORIASIS: OPPORTUNITIES AND WARNINGS.
D Butler, R Gupta, M Huynh, E Levin, A Leon and J Koo, Tucson, AZ; Los Angeles, CA and San Francisco, CA. University of Arizona College of Medicine (WSMRF)
Abstract 398

11:15 DIAGNOSIS AND OPTIMAL MANAGEMENT OF PATIENTS WITH DELUSIONS OF PARASITOSIS AND RELATED SOMATIC PSYCHOSIS.
R Gupta, M Huynh, D Butler, E Levin and A Leon, San Francisco, CA. University of California, San Francisco
Abstract 399

11:30 ASSOCIATION OF SPIROCHETAL INFECTION WITH MORGELLONS DISEASE.
MJ Middelveen, A Poruri, PJ Mayne, E Sapi, DG Kahn and RB Stricker, Calgary, AB, Canada; West Haven, CT; Laurieton, NSW, Australia; Sylmar, CA and San Francisco, CA. Atkins Veterinary Services
Abstract 400

11:45 DO PATTERNS OF ALCOHOL USE DIFFER AMONG CLINICAL SITES USING THE ALCOHOL USE DISORDERS IDENTIFICATION TEST?
J Pukish and C Kester, Albuquerque, NM. University of New Mexico School of Medicine (WSMRF, WSMRF)
Abstract 401

12:00 INCIDENCE AND SEVERITY OF MUSCULOSKELETAL INJURIES IN RURAL OVERWEIGHT AND OBESE PEDIATRICS IN IDAHO.
TM Croschere, J Seegmiller and D Paul, Seattle, WA and Moscow, ID. University of Washington School of Medicine (WSMRF, Non-Member)
Abstract 402
Health Care Research III  
Room #6, Sunset Center  
Kathleen Colleran and Bernhard Fassl, Presiding  

11:00 THE EFFECT OF PROTON PUMP INHIBITORS ON GLYCEMIC CONTROL IN PATIENTS WITH TYPE 2 DIABETES.  
K Villegas, J Meier, M Long, J Lopez and A Swislocki, Martinez, CA and Davis, CA.  
Veterans Affairs Northern California Health Care System  

11:15 POSTTRAUMATIC STRESS DISORDER, MILITARY SEXUAL TRAUMA AND PRETERM BIRTH.  
JG Shaw, SM Asch, R Kimerling, SM Frayne, KA Shaw and CS Phibbs, Palo Alto, CA and Stanford, CA. VA Palo Alto Health Care System (WSCI Travel Award Winner)  

11:30 ADHERENCE TO CERVICAL CANCER SCREENING GUIDELINES BY GYNECOLOGISTS IN THE PACIFIC NORTHWEST.  
L Verrilli, C Mao and R Winer, Seattle, WA. University of Washington School of Medicine (WSMRF)  

11:45 BARRIERS TO RECOGNITION OF CARDIAC ARREST AND DELIVERY OF CARDIOPULMONARY RESUSCITATION INSTRUCTIONS OVER THE TELEPHONE BY EMERGENCY DISPATCHERS.  
MM Lewis, B Stubbs and M Eisenberg, Seattle, WA. University of Washington School of Medicine (WSMRF)  

12:00 THE ROLE OF CHILD LIFE SPECIALISTS AS A HEALTH CARE TEAM MEMBER DURING INVASIVE PROCEDURES IN A PEDIATRIC EMERGENCY DEPARTMENT.  
J Holland, J Kim, A Lascelle, D Hart, D Duffy and R Goldman, Vancouver, BC, Canada. University of British Columbia  

12:15 THE PERCEPTIONS AND ATTITUDES OF INTERNS, RESIDENTS, AND ATTENDINGS TOWARD READMISSIONS.  
N Ussef, J Howard-Anderson, J Kim and N Afsarmanesh, Los Angeles, CA. David Geffen School of Medicine at UCLA (WSMRF)
Hematology and Oncology II
Green Room (Sunset Center)
Thomas Deloughery, Presiding

11:00 SUBCELLULAR LOCALIZATION OF PID1, A NEW TUMOR SUPPRESSOR-LIKE PROTEIN IN BRAIN TUMORS.
A Baweja, X Ren and A Erdreich-Epstein, Los Angeles, CA. Children's Hospital Los Angeles (WSMRF)

A Chang, X Chai, N Futran and R Jones, Seattle, WA. University of Washington (WSMRF)

11:30 UNRAVELING THE MECHANISM OF A NOVEL TRANSCRIPTION ACTIVATION DOMAIN.
HF Robbins and S Hahn, Seattle, WA. University of Washington School of Medicine (WSMRF, WSMRF)

11:45 TRIMODALITY TREATMENT OF MALIGNANT PLEURAL MESOTHELIOMA.
T Sottero, A Kusano, A Truong, G Laramore, K Stelzer and S Patel, Seattle, WA; Davis, CA and The Dalles, OR. University of Washington (WSMRF)

12:00 CHARACTERIZATION OF PROSTATE CANCER ON MULTIPARAMETRIC MAGNETIC RESONANCE IMAGING: CORRELATION WITH HISTOPATHOLOGY.
K Beroukhim, N Tan, H Khin, DY Lu, DJ Margolis, RE Reiter and SS Raman, Los Angeles, CA. David Geffen School of Medicine at UCLA

Neuroscience II
Chapman #4 (Sunset Center)
Marie-Francois Chesselet and Edward Wagner, Presiding

11:00 UTILITY OF A CLOCK DRAWING TASK IN IDENTIFYING SPATIAL NEGLECT IN CHILDREN WITH PERINATAL STROKE.
O Yousefian, A Ballantyne, A Doo and D Trauner, La Jolla, CA and San Diego, CA. University of California, San Diego School of Medicine

11:15 DO THE EYES HAVE IT? APRAXIA & OCULOMOTOR CONTROL IN
AUTISM.
M Miller, L Chukoskie, J Townsend and D Trauner, El Cajon, CA. University of California, San Diego (WSMRF)

11:30 HYPOXIA-INDUCED MODIFICATION OF DNA METHYLATION IN HIPPOCAMPAL NEURONAL CELLS.
F Elkhoury, I Hartley, X Gu, O Poulsen, D Zhou and G Haddad, La Jolla, CA. University of California, San Diego (WSMRF)

11:45 RNA EXPRESSION PATTERNS IN SERUM MICROVESICLES FROM PATIENTS WITH Glioblastoma Multiforme and Controls.
A Salehi, M Noerholm, L Balaj, LD Zhu, J Skog, XO Breakefield and B Carter, San Diego, CA and Boston, MA. University of California, San Diego (WAFMR/WAP Student Subspecialty Award Winner)

12:00 State-of-the-Art Speaker
GAUCHER AND PARKINSON'S DISEASES: THE UNSUSPECTED LINK.
Amy Manning-Bog, Stanford Research Institute
WESTERN ASSOCIATION OF PHYSICIANS

MICROBIOME AND ITS CONTRIBUTION TO HEALTH AND DISEASE

Saturday, January 26, 2013
1:00 PM – 3:45 PM

Sunset Center – Studio 105

Wesley Van Voorhis and Joshua Goldhaber, Presiding

1:00  THE ROLE OF INNATE IMMUNE RESPONSE GENES IN MAINTAINING THE GUT MICROBIOME AND PROTECTION FROM INFLAMMATORY BOWEL DISEASE.
R. William DePaolo, University of Southern California

1:50  VAGINAL ECOLOGY IN HEALTH AND DISEASE: THE ROLE OF THE VAGINAL MICROBIOME.
Jeannie Marrazzo, University of Washington

2:40  BREAK

2:55  SMALL MOLECULES FROM THE HUMAN MICROBIOTA.
Michael Fischbach, University of California, San Francisco

3:45  WAP BUSINESS MEETING
## OFFICERS
2012-2013

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Western Society for Pediatric Research

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  - David Geffen School of Medicine at UCLA
- Michelle Fleming
  - University of Washington School of Medicine
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- Health Care Research I: 15-22
- Immunology and Rheumatology: 23-30
- Neonatology – General I: 31-38
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