## WESTERN REGIONAL MEETING AT A GLANCE

### Carmel, California
#### January 25–28, 2012

<table>
<thead>
<tr>
<th>TIME</th>
<th>ACTIVITY &amp; LOCATION</th>
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<tbody>
<tr>
<td><strong>WEDNESDAY, JANUARY 25, 2012</strong></td>
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<tr>
<td>1:00 pm–5:00 pm</td>
<td>Faculty and Fellow Registration</td>
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<td>Entry Lobby – Sunset Center</td>
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<tr>
<td>1:00 pm–5:00 pm</td>
<td>Speaker Ready Room</td>
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<td>Sunset Center</td>
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<tr>
<td>3:00 pm–5:00 pm</td>
<td>WSPR Council Meeting</td>
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<td>Pine Inn</td>
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<td><strong>THURSDAY, JANUARY 26, 2012</strong></td>
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<tr>
<td>8:00 am–5:00 pm</td>
<td>Faculty and Fellow Registration</td>
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<td>Student and Resident Registration</td>
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<td>7:00 am–5:00 pm</td>
<td>Speaker Ready Room</td>
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<td>Sunset Center</td>
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<tr>
<td>8:30 am–11:15 am</td>
<td>Joint Plenary Session I</td>
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<td>WAFMR, WSCI, WAP, and WSPR</td>
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<td>Regenerative Medicine and Award Presentations</td>
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<tr>
<td></td>
<td>WSPR Abbott Nutrition David W. Smith Pediatric Trainee Research Award</td>
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<td>WSPR Abbott Nutrition Lowell Glasgow Student Research Award</td>
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<td>WSPR Abbott Nutrition Young Investigator Research Award</td>
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<td>E.E. Osgood Award</td>
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<td>Sunset Center – Theater</td>
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<tr>
<td>11:30 am–12:00 pm</td>
<td>WSCI Business Meeting</td>
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<td>Sunset Center – Theater</td>
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<tr>
<td>11:30 am–12:00 pm</td>
<td>WSPR Business Meeting</td>
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<td>Sunset Center – Theater</td>
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<tr>
<td>11:30 am–1:30 pm</td>
<td>WAP Council Meeting</td>
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<td>(invited attendees only)</td>
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<td></td>
<td>Forge in the Forest</td>
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<td>(SW corner 5th Avenue &amp; Junipero Street)</td>
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<tr>
<td>12:00 pm–1:15 pm</td>
<td>New Investigator Workshops</td>
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<td>(Intended for Fellows and Jr. Faculty – Lunch included)</td>
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<td></td>
<td>Navigating your academic career: Finding your niche and keeping the balance</td>
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<td></td>
<td>Marc-Andre Cornier, University of Colorado</td>
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<td></td>
<td>Sunset Center – Bingham #3</td>
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<td></td>
<td>Grant Writing</td>
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<td></td>
<td>Gregory Brent, David Geffen School of Medicine at UCLA</td>
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<td></td>
<td>Sunset Center – Chapman #4</td>
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<tr>
<td>1:00 pm–5:00 pm</td>
<td>Concurrency Sessions</td>
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<tr>
<td>1:30 pm–4:15 pm</td>
<td>Adolescent and Pediatrics - Chapman #4, Sunset Center</td>
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<td>1:15 pm–5:15 pm</td>
<td>Behavior and Development – Bingham #3, Sunset Center</td>
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<tr>
<td>1:00 pm–5:00 pm</td>
<td>Cardiovascular I – Ocean Avenue Room, Pine Inn</td>
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<tr>
<td>1:30 pm–5:00 pm</td>
<td>Endocrinology and Metabolism I – Carlson Hall, Church of the Wayfarer</td>
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<tr>
<td>1:30 pm–4:30 pm</td>
<td>Genetics – Carpenter Hall, Sunset Center</td>
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<tr>
<td>1:30 pm–5:30 pm</td>
<td>Health Care Research I – Promenade Lobby, Sunset Center</td>
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<tr>
<td>1:30 pm–5:30 pm</td>
<td>Hematology and Oncology I – Studio 105, Sunset Center</td>
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<tr>
<td>1:30 pm–5:30 pm</td>
<td>Maternal and Infant Medicine - Room #6, Sunset Center</td>
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<tr>
<td>1:30 pm–5:30 pm</td>
<td>Neonatal Pulmonary I – All Saints Church, Sanctuary</td>
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<tr>
<td>1:30 pm–4:00 pm</td>
<td>Neonatology General I – All Saints Church, Auditorium</td>
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<tr>
<td>5:30 pm–7:00 pm</td>
<td>Welcome Reception and Student Award Posters, Pizza, and Beer</td>
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<td>Jointly sponsored by WAFMR, WAP, WSCI, WSMRF, and WSPR</td>
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<td>All welcome and encouraged to attend Cure Women’s Club</td>
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DOI: 10.231/JIM.0b013e318240c7c9
<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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| 7:00 pm–9:00 pm | Abbott Nutrition WSPR Reception  
Open to all WSPR members, trainees, and guests  
Pine Inn |
| 7:00 pm–9:00 pm | WAFMR Business Meeting |
| 7:00 pm–9:00 pm | WSCI Council Meeting  
Sunset Center – Bingham #3 |

**FRIDAY, JANUARY 27, 2012**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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| 7:00 am–8:00 am | Breakfast-with-the-Investigator  
Monterey Beach Hotel – Captain’s Table |
| 7:00 am–5:00 pm | Speaker Ready Room  
Sunset Center |
| 8:00 am–5:00 pm | Faculty and Fellow Registration  
Student and Resident Registration  
Entry Lobby – Sunset Center |
| 8:30 am–11:45 am | WAP Symposium  
Sponsored by WAP  
Stem Cell Therapeutics for the Cardiovascular System: Hope or Hype  
Sunset Center – Theater |
| 10:30 am–11:30 am | WSMRF Officers Meeting  
Sunset Center – Green Room |
| 11:45 am–12:00 pm | WAP Business Meeting  
Sunset Center – Theater |
| 12:00 pm–1:30 pm | Society Officers Planning Luncheon Meeting  
(invited attendees only)  
Forge in the Forest  
(SW corner 5th Avenue & Junipero Street) |
| 12:15 pm–1:15 pm | Investigator Workshops  
(Intended for Fellows and Jr. Faculty – Lunch included)  
Navigating your academic career: Finding your niche and keeping the balance  
Marc-Andre Cornier, University of Colorado  
Sunset Center – Bingham #3  
Grant Writing  
Gregory Brent, David Geffen School of Medicine at UCLA  
Sunset Center – Chapman #4 |
| 1:00 pm–4:00 pm | California Thoracic Society Meeting  
Sleep Apnea  
Carmel Mission Inn |
| 1:00 pm–5:00 pm | Concurrent Sessions  
Cardiovascular II – Ocean Avenue Room, Pine Inn  
Endocrinology and Metabolism II – Carlson Hall, Church of the Wayfarer  
Gastroenterology and Hepatology – Green Room, Sunset Center  
Health Care Education and Communication – Rehearsal Room, Sunset Center  
Health Care Research II – Promenade Lobby, Sunset Center  
Hematology Oncology and Surgery – Chapman #4, Sunset Center  
Immunology and Rheumatology I – Studio 105, Sunset Center  
Infectious Diseases – Room #6, Sunset Center  
International and Immigrant Health Issues – Bingham Room #3, Sunset Center  
Morphogenesis and Malformations – Carpenter Hall, Sunset Center  
Neonatology Developmental Biology – All Saints Church, Sanctuary  
Neonatology General II – All Saints Church, Auditorium  
Nephrology and Hypertension – Conductor’s Room, Sunset Center  
Pulmonary and Critical Care – Carmel Women’s Club |
| 1:30 pm–4:45 pm |  
| 1:30 pm–3:45 pm |  
| 1:00 pm–5:15 pm |  
| 1:00 pm–4:30 pm |  
| 1:30 pm–5:30 pm |  
| 5:00 pm–6:00 pm | Developmental Biology Club  
Sunset Center – Carpenter Hall |
| 6:00 pm–7:30 pm | Dysmorphology Club  
Sunset Center – Carpenter Hall |
| 6:00 pm–9:00 pm | Carmel Scholar Award Event  
(Jr. Faculty/Fellows and their Mentors by invitation only)  
Sunset Center |
| 6:15 pm–9:00 pm | Western Perinatal Club  
Ocean Avenue Room – Pine Inn |
### UBC Departments of Pediatrics and Pediatric Surgery

**Celebration of Student Research Dinner**  
*(UBC Students and Faculty Only)*  
Il Fornaio Restaurant – Pine Inn

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**SATURDAY, JANUARY 28, 2012**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event Details</th>
</tr>
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| 6:30 pm–9:30 pm | **UBC Departments of Pediatrics and Pediatric Surgery**  
**Celebration of Student Research Dinner**  
*(UBC Students and Faculty Only)*  
Il Fornaio Restaurant – Pine Inn |
| 7:00 am–8:00 am | **Breakfast-with-the-Investigator**  
Monterey Beach Hotel – Captain's Table |
| 7:00 am–4:30 pm | **Speaker Ready Room**  
Sunset Center |
| 8:00 am–2:00 pm | **Faculty and Fellow Registration**  
Student and Resident Registration  
Entry Lobby – Sunset Center  
**California Thoracic Society Registration**  
Carmel Mission Inn |
| 8:30 am–12:00 pm | **Joint Plenary Session II**  
WAFMR, WSCI, WAP, and WSPR  
**Regenerative Medicine**  
WAP Distinguished Lectureship  
WSPR Stanley Wright Memorial Lecture  
WSCI Mayo Soley Award  
Sunset Center – Theater |
| 8:00 am–5:00 pm | **California Thoracic Society Meeting**  
Pneumonia and Nurses/RCP/NP Workshop  
Carmel Mission Inn |
| 12:30 pm–1:30 pm | **Residents’ Luncheon**  
Carpenter Hall, Sunset Center |
| 1:00 pm–5:00 pm | **Concurrent Sessions**  
Adolescent Medicine and General Pediatrics – All Saints Church, Auditorium  
Endocrinology and Metabolism III – Carlson Hall, Church of the Wayfarer  
Exercise and Health Maintenance – Rehearsal Room, Sunset Center  
General Internal Medicine and Aging – Promenade Lobby, Sunset Center  
Hematology and Oncology II – Studio 105, Sunset Center  
Immunology and Rheumatology II – Chapman #4, Sunset Center  
Neonatal Pulmonary II – All Saints Church, Sanctuary  
Neuroscience II – Conductor’s Room, Sunset Center  
Surgery II – Green Room, Sunset Center  
Surgical Procedures – Bingham Room #3, Sunset Center |
| 5:00 pm–6:30 pm | **WSMRF Committee Meeting**  
Monterey Beach Hotel – Captain’s Table |
| 6:00 pm–9:00 pm | **West Coast Endocrine Club**  
Ocean Avenue Room – Pine Inn |
| 6:30 pm–9:00 pm | **Western Student Medical Research Forum Awards Banquet**  
Monterey Beach Hotel – Points Ballroom |

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**CONTINUING MEDICAL EDUCATION INFORMATION**

**STATEMENT OF NEED**

Medical research is advancing at a rapid pace providing for a plethora of research data which can inform clinical practice. The breadth and scope of this research is so large that periodically physicians need to analyze the emerging trends and inform the specialties as to which ones have the most potential for impacting patient care. Regenerative medicine and stem cell therapy are among these rapidly advancing research areas.
TARGET AUDIENCE
Physicians, researchers and healthcare professionals engaging in translational and clinical research in subspecialty areas.

OVERVIEW AND OBJECTIVES
The goal of this activity is to improve patient care and research by increasing physician competence in evaluating the current trends in emerging research to inform clinical practice, practice management decisions and future research needs.

Learner Objectives
At the conclusion of this educational activity, the participant should be better able to:

• Critically evaluate the emerging translational and clinical research.
• Discuss new developments in pathophysiology of human disease with colleagues.
• Identify the trends in the developing guidelines and evidence-based state of the art in the specialties which may affect practice management and patient treatment decisions.
• Identify new areas of investigation which will inform research and improve patient care.
• Discuss the future development possible from current research trends.
• Assess research trends as they relate to the mentoring process and collaboration with colleagues and junior investigators.

Outcomes
Predicted changes in practice and/or research as a result of this activity are: …

• Determine which strategies are appropriate for incorporation into clinical practice.
• Conduct a research assessment to determine if any of the strategies and trends could be extended and/or improved by further research and/or collaborative projects.
• Engage in the mentoring process for young investigators.
• Identify a possible collaborator (mentor or mentee) for research advancement.

ACCREDITATION: This activity has been planned and implemented in accordance with the Essentials and Standards of the Accreditation Council for Continuing Medical Education through the joint sponsorship of the Western Regional Societies and Tulane University Health Sciences Center. Tulane University Health Sciences Center is accredited by the Accreditation Council for Continuing Medical Education (ACCMME) to provide continuing medical education for physicians.

Tulane University Health Sciences Center designates this live activity for a maximum of 20.75 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Tulane University Health Sciences Center presents this activity for educational purposes only and does not endorse any product, content of presentation or exhibit. Participants are expected to use their own expertise and judgment while engaged in the practice of medicine. The content of the presentations is provided solely by presenters, who have been selected because of their recognized expertise.

PROCEDURE FOR CLAIMING AMA PRA CATEGORY 1 CREDIT™
The evaluation link will automatically be sent to those who have pre-registered.

For those who have purchased the AMA PRA Category 1 Credits™, the credit verification form will be included. If you do not get an email from Tulane University by Monday, January 30, 2012, please contact cme@tulane.edu. If you registered and paid onsite, you will receive your link by the end of the following week after the staff returns to the office.

A listing of the number of AMA PRA Category 1 Credits™ available each day is noted on the electronic verification form. Program hours that run simultaneously or overlap are not included in the total credits available each day.

TULANE DISCLOSURE POLICY
It is the policy of the Center for Continuing Education at Tulane University Health Sciences Center to plan and implement all of its educational activities in accordance with the ACCME’s Essential Areas and Policies to ensure balance, independence, objectivity and scientific rigor. In accordance with the ACCME’s Standards for Commercial Support, everyone who is in a position to control the content of an educational activity certified for AMA PRA Category 1 Credits™ is required to disclose all relevant financial relationships with any commercial interests within the past 12 months that creates a real or apparent conflict of interest. Individuals who do not disclose are disqualified from participating in a CME activity. Individuals with potential for influence or control of CME content include planners and planning committee members, authors, teachers, educational activity directors, educational partners, and others who participate, e.g. facilitators and moderators. This disclosure pertains to relationships with pharmaceutical companies, biomedical device manufacturers or other corporations whose products or services are related to the subject matter of the presentation topic. Any real or apparent conflicts of interest related to the content of the presentations must be resolved prior to the educational activity. Disclosure of off-label, experimental or investigational use of drugs or devices must also be made known to the audience.
We would also like to thank the following for reviewing the abstracts and to the Lead Reviewer’s for organizing the sessions:

Eric Adler  
Kurt Albertine  
Caroline Barangan  
Fritz Bech  
Anita Beck  
Curt Bennett  
C. Anthony Blau  
Michel Boivin  
Matt Bouchouville  
Virginia Broudys  
Fred Buckner  
Alex Chen  
Eric Cheng  
Marie-Francoise Chesselet  
Keith Colburn  
Donald Dafoe  
Kevin Deane  
Tom DeLoughery  
Laurel Desnick  
Christopher Evans  
Erica Fernandez  
Karen Foster-Schubert  
David Fredricks  
Shai Friedland  
Camille Fung  
Jeffrey Glenn  
David Gremse  
Aida Habetzian  
S. Mitchell Harman  
Emil Heinzl  
Jerome Hershman  
An-Fu Hsiao  
Jocelyn James  
Lisa Joss-Moore  
Roberta Keller  
Alberta Kong  
Anna Lehman  
Carlin Long  
Javier E. Lopez  
Rajnish Mehrtra  
George Merriam  
H. Bryant Nguyen  
Madeleine Pahl  
Jonathan Purnell  
Carlos Ramos  
Neda Rasouli  
David Roesel  
Alan Rope  
Katya Rubinow  
Fred Sattler  
Bob Schelonka  
Michael Schivo  
Kathryn Schuff  
Savitha Subramaniam  
John Torday  
Edward Wagner  
Mary Willis  
Clyde Wright  
Amir Zeki

SPECIALTY ANNOUNCEMENTS  
Friday, January 27, 2012  

DEVELOPMENTAL BIOLOGY CLUB  
5:00 PM–6:00 PM  
Carpenter Hall – Sunset Center  

David W. Smith Memorial Lecture  
Tolerance/susceptibility to hypoxia: New insights from Drosophila melanogaster  

Featured Speaker: Gabriel G. Haddad, University of California, San Diego  

Contact person: David Rimoin  
Sponsored by Mead Johnson Nutrition  

This session is not certified for AMA PRA Category 1 Credit™

DYSMORPHOLOGY CLUB  
6:00 PM–7:30 PM  
Carpenter Hall – Sunset Center  

Genetic Unknowns and Rare Knowns  

Contact person: Louanne Hudgins  

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

This session is not certified for AMA PRA Category 1 Credit™

WESTERN PERINATAL CLUB  
Sponsored by the Perinatal Sections of AAP Districts VIII and IX and The California Association of Neonatologists  
6:15 PM–9:00 PM  
Ocean Avenue Room – Pine Inn  

Perinatal Briefing  
Mechanical Ventilation of the Newborn: Reflections on the Early Stanford Experience  

Featured Speaker: Philip Sunshine, Emeritus Professor of Pediatrics, Stanford University School of Medicine  
Supported by Mead Johnson Nutrition  

This session is not certified for AMA PRA Category 1 Credit™

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Saturday, January 28, 2012

WEST COAST ENDOCRINE CLUB

6:00 PM–9:00 PM

Ocean Avenue Room – Pine Inn
Reception and Scientific Program
All Welcome
Chair: George R. Merriam, VA Puget Sound Health Care System and University of Washington

Balancing Growth Hormone and Estrogen Treatment for Optimal Growth in Girls with Turner’s Syndrome: New Results and New Insights

Featured Speaker: Gordon B. Cutler, Jr., Head, Emeritus, Section on Developmental Endocrinology Section, NICHD, National Institutes of Health

Wine, Cheese and Light Refreshments

Supported by an unrestricted educational grant from Novo Nordisk

This session is not certified for AMA PRA Category 1 Credit™

JOINT PLENARY SESSION I

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

Regenerative Medicine

Sunset Center Theater

8:30 WSPR ABBOTT NUTRITION DAVID W. SMITH PEDIATRIC TRAINEE RESEARCH AWARD* A DOUBLE BLIND, PLACEBO CONTROLLED, CROSSOVER TRIAL OF MINOCYCLINE IN CHILDREN WITH FRAGILE X SYNDROME. M Leitch, D Nguyen, T Winarni, D Hessl, S Rivera, T Chechi and R Hagerman, Sacramento, CA; Davis, CA and Semarang, Indonesia, MIND Institute, University of California Davis (WSPR)

8:45 WSPR ABBOTT NUTRITION LOWELL GLASGOW STUDENT RESEARCH AWARD* MAPPING GLUCOSE TRANSPORTER-1 POSITIVE NERVE FIBERS IN THE TRANSITIONAL ZONE OF HIRSCHSPRUNG DISEASE. A Kennedy and R Kapur, Seattle, WA. University of Washington School of Medicine

9:00 E. E. OSGOOD AWARD MIR-9, A TUMOR SUPPRESSOR MICRONA, TARGETS ADHERENCE JUNCTION PROTEINS RESULTING IN SKIN SQUAMOUS CELL CARCINOMA: IMPLICATIONS FOR METASTASIS AND CHEMORESISTANCE. A Reddi, R White and X Wang, Denver, CO. University of Colorado, School of Medicine (WSMRF)

9:15 WAFMR OUTSTANDING INVESTIGATOR AWARD DIFFERENTIAL BRAIN, HORMONE, AND SATIETY RESPONSES TO GLUCOSE AND FRUCTOSE INGESTION. K Page, J Arora, R Belfort-DeAguiar, RT Constable and R Sherwin, Los Angeles, CA and New Haven, CT. University of Southern California

9:45–10:00 Intermission

10:00 WSCI OUTSTANDING INVESTIGATOR AWARD INTEGRATING RESEARCH INTO HIV/STD PUBLIC HEALTH PRACTICE. Matthew Golden, University of Washington

10:45 WSPR ABBOTT NUTRITION YOUNG INVESTIGATOR RESEARCH AWARD LONG-TERM RISK OF CHRONIC KIDNEY DISEASE IN CHILDREN SURVIVING EPISODES OF ACUTE KIDNEY INJURY. Cherry Mammen, University of British Columbia

11:15 ADJOURN

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

12:00 PM – 1:15 PM
Thursday, January 26, 2012

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

Sunset Center – Bingham #3

Navigating your academic career: Finding your niche and keeping the balance
Marc-Andre Cornier, University of Colorado

Sunset Center – Chapman #4

Grant Writing
Greg Brent, David Geffen School of Medicine at UCLA

CONCURRENT SESSIONS

Thursday, January 26, 2012
1:00 PM

Jointly sponsored by

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

Adolescent and Pediatrics ........................................................................................................... Chapmen #4, Sunset Center
Behavior and Development ...................................................................................................... Bingham Room #3, Sunset Center
Cardiovascular I ....................................................................................................................... Ocean Avenue Room, Pine Inn
Endocrinology and Metabolism I ............................................................................................ Carlson Hall, Church of the Wayfarer
Genetics ....................................................................................................................................... Carpenter Hall, Sunset Center
Health Care Research I ........................................................................................................... Promenade Lobby, Sunset Center
Hematology and Oncology I ...................................................................................................... Studio 105, Sunset Center
Maternal and Infant Medicine .................................................................................................. Room #6, Sunset Center
Neonatal Pulmonary I ............................................................................................................... All Saints Church, Sanctuary
Neonatology General I ............................................................................................................ All Saints Church, Auditorium
Neuroscience I .......................................................................................................................... Conductor’s Room, Sunset Center
Surgery I ......................................................................................................................................... Green Room, Sunset Center

Adolescent and Pediatrics
Sunset Center, Chapman Room #4
Jocelyn James, Presiding

1:30 HEALTH SCREENS - EVALUATING HEALTH CARE INTERVENTIONS IN NORTHERN INDIAN SCHOOLCHILDREN.
L Armstrong, B Brar, B Hartley, S Westberg and V Kapoor, Vancouver, BC, Canada. University of British Columbia

1:45 THE EFFECTIVENESS OF STUDENT HEALTH EDUCATION IN REMOTE NORTHERN INDIA.

2:00 THE MEDICAL SCHOLARS TEACHING AREA RURAL STUDENTS PROGRAM EFFECTIVELY INCREASES RURAL YOUTH INTENTION TO GRADUATE HIGH SCHOOL.
M Brown and J Hunt, Albuquerque, NM. University of New Mexico School of Medicine

2:15 PROMOTING THE INTEREST OF UNDER-REPRESENTED YOUTH IN HEALTH CARE THROUGH SMALL CLASS SIZE AND EXPERIMENT-DRIVEN INTERACTIVE LEARNING.
A Fgel, T Norwood and B Afghani, Irvine, CA. University of California Irvine

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2:30 ADDRESSING CHILDHOOD OBESITY IN TULALIP, WA.
GZ Gottlieb, Seattle, WA. University of Washington School of Medicine
Abstract 9

2:45 SMOKELESS TOBACCO EDUCATION ON TEEN ATHLETES IN CODY, WYOMING.
D Higuera, Seattle, WA. University of Washington Medical School
Abstract 10

3:00 PROVIDING TEENS A ROADMAP TO HEALTHY LIVING TO PREVENT OBESITY IN CENTRALIA, WASHINGTON.
EY Mar, Seattle, WA. University of Washington
Abstract 11

3:15 - 3:30 Intermission

3:30 ADOLESCENT DEPRESSION AND SUICIDE AWARENESS: TRAINING STUDENT LEADERS IN MOSES LAKE, WASHINGTON.
D Paul, Seattle, WA. University of Washington School of Medicine (WSMRF)
Abstract 12

3:45 PARTNERSHIP WITH THE DISCOVERY SCIENCE CENTER: TOWARDS INCREASING DIVERSITY IN HEALTH CARE AND BIOMEDICAL FIELDS.
J Tran, S Gaffar, M Koussa, U Patel, J Yamaguchi and B Afghani, Orange, CA and Santa Ana, CA. UC Irvine School of Medicine
Abstract 13

4:00 NOVEL PHYSICAL ACTIVITIES TO FOSTER LEARNING AND ENGAGEMENT IN YOUTH.
University of British Columbia
Abstract 14

4:15 PRESTERNAL DERMOID CYST MIMICKING LYMPHATIC MALFORMATION.
T Berry and A Smidt, Albuquerque, NM. University of New Mexico Hospital
Abstract 15

4:30 PROTECTING YOUR MELON: HELMET SAFETY FOR THE YOUTH OF BUTTE.
LD Irwin, Seattle, WA. University of Washington (WSMRF)
Abstract 16

4:45 PARTNERSHIP WITH THE DISCOVERY SCIENCE CENTER: TOWARDS INCREASING DIVERSITY IN HEALTH CARE AND BIOMEDICAL FIELDS.
J Tran, S Gaffar, M Koussa, U Patel, J Yamaguchi and B Afghani, Orange, CA and Santa Ana, CA. UC Irvine School of Medicine
Abstract 17

Behavior and Development
Sunset Center, Bingham Room #3
F. Curt Bennett and Robin Hansen, Presiding

1:30 TRISOMY X: EXPANDING THE PHENOTYPE.
C D’Epagnier, N Ayari, R Boada and N Tartaglia, Aurora, CO. University of Colorado School of Medicine (WSMRF)
Abstract 18

1:45 SLEEP PROBLEMS IN SEX CHROMOSOME ANEUPLOIDY AND RELATIONSHIP WITH ASMT EXPRESSION.
V Patel, T Katz, F Tassone and N Tartaglia, Aurora, CO and Sacramento, CA. University of Colorado School of Medicine
Abstract 19

2:00 REASONS FOR HOSPITALIZATION IN CHILDREN WITH CEREBRAL PALSY AND DOWN SYNDROME ACROSS CHILDHOOD.
A Noyack, J Chan, L Huffman, H Feldman and P Wise, Stanford, CA. Stanford University (WSPR Mead Johnson Travel Award Winner)
Abstract 20

2:15 A DOUBLE BLIND, PLACEBO CONTROLLED, CROSSOVER TRIAL OF MINOCYCLINE IN CHILDREN WITH FRAGILE X SYNDROME.
M Leigh, D Nguyen, T Winarni, D Hessl, S Rivera, T Chechi and R Hagerman, Sacramento, CA; Davis, CA and Semarang, Indonesia. MIND Institute, University of California Davis (WSPR Abbott Nutrition David W. Smith Pediatric Trainee Research Award Winner) (WSPR)
Abstract 21

2:30 – 2:45 Intermission

2:45 State-of-the-Art Speaker
TARGETED TREATMENTS FOR FRAGILE X AND AUTISM.
Randi Hagerman, University of California, Davis

3:15 COMPARISON OF PERINATAL COMPLICATIONS AND LONG-TERM OUTCOME FOR INFANTS LESS THAN 501 GRAMS COMPARED TO 601-800 GRAMS BIRTH WEIGHT.
H Kilbride, L O’Hanlon and K Claffin, Kansas City, MO. University of Missouri-Kansas City School of Medicine (WSPR)
Abstract 22

3:30 WITHDRAWN
Abstract 23

3:45 AUDITORY SENSORY GATING IN CHILDHOOD ONSET SCHIZOPHRENIA PATIENTS DURING REM SLEEP.
P Wei, S Hunter and R Ross, Golden, CO. University of Colorado School of Medicine
Abstract 24

4:00 INFANT BIOMARKERS OF VULNERABILITY TO SCHIZOPHRENIA: SACCADE INTRUSIONS INTO SMOOTH PURSUIT EYE MOVEMENTS IN GENETICALLY VULNERABLE FOUR- AND SIX-MONTH-OLDS.
L Pellegrino, S Hunter and R Ross, Aurora, CO. University of Colorado Denver School of Medicine
Abstract 25
Cardiovascular I
Ocean Avenue Room, Pine Inn
Brian Stauffer and Eric Adler, Presiding

1:30 SODIUM-CALCIUM EXCHANGE KNOCKOUT MICE REVEAL THE EXCHANGER’S ROLE IN EARLY AFTERDEPOLARIZATIONS CAUSED BY OXIDATIVE STRESS.
M Duncan and J Goldhaber, Los Angeles, CA. David Geffen School of Medicine at UCLA (WSMRF) Abstract 26

1:45 TIME COURSE OF DEVELOPMENT OF A MURINE MODEL OF DIET-INDUCED INSULIN RESISTANCE AND CARDIOMYOPATHY.
A Sta Teresa, J Kim, T Wietecha, K Hudkins, C Alpers and KD O’Brien, Seattle, WA. University of Washington Abstract 27

2:00 METFORMIN IMPROVES OBESITY AND FASTING GLUCOSE, BUT NOT ESTABLISHED CARDIAC HYPERTROPHY, IN A MURINE MODEL OF DIET-INDUCED INSULIN RESISTANCE AND CARDIOMYOPATHY.
J Kim, T Wietecha, A Sta Teresa, K Hudkins, C Alpers and KD O’Brien, Seattle, WA. University of Washington Abstract 28

2:15 DIETARY REGRESSION REDUCES BODY WEIGHT BUT NOT DYSGLYCEMIA OR ESTABLISHED CARDIAC HYPERTROPHY AND FIBROSIS IN A MURINE MODEL OF DIET-INDUCED INSULIN RESISTANCE AND CARDIOMYOPATHY.
T Wietecha, J Kim, A Sta Teresa, K Hudkins, C Alpers and KD O’Brien, Seattle, WA. University of Washington Abstract 29

2:30 State-of-the-Art Speaker
GLUCOSE CONTROL IN DIABETIC CARDIOMYOPATHY: TOO LITTLE, TOO LATE OR OFF TARGET?
Kevin O’Brien, University of Washington

3:00–3:15 Intermission

3:15 CONTRACTILE RECOVERY FROM ISCHEMIA IS IMPAIRED IN A PORCINE MODEL OF METABOLIC SYNDROME, BUT AMELIORATED BY RESTRICTING FATTY ACID AVAILABILITY.
JV Huang, GO Schwartz, C Greyson, L Li, Y Xu, B Bergman and S Ye, Denver, CO. University of Colorado (WSCN Travel Award Winner) Abstract 30

3:30 CHARACTERIZATION AND THERAPEUTIC POTENTIAL OF INDUCED PLURIPOTENT STEM CELL-DERIVED CARDIOVASCULAR PROGENITOR CELLS.
J Chyu, J Mendelis, S Heydarkhan, P Zhao, A Nsair and R MacLellan, Los Angeles, CA. David Geffen School of Medicine at UCLA (WAFMR/WSAI Subspecialty Award Winner) (WAFMR) Abstract 31

3:45 INTRAUTERINE GROWTH RESTRICTION ALTERS PPARGAMMA EXPRESSION IN THE RAT HEART IN A GENDER AND MODEL SPECIFIC MANNER.
T Miller, Y Wang, C Callaway, X Yu, R Bierer, L Joss-Moore and R Lane, Salt Lake City, UT. University of Utah Abstract 32

4:00 CAVEOLIN-1, A STRUCTURAL PROTEIN COMPONENT OF CAVEOLAE, REGULATES MEMBRANE OXYGEN.
K Levy, S Agrawal, J Finley, HN Friddoffson, SS Ali and HH Patel, La Jolla, CA. University of California San Diego (WSMF) Abstract 33

4:15 INTRAUTERINE GROWTH RESTRICTION (IUGR) RESULTS IN VARIABLE EXPRESSION OF IGF-1 IN THE MALE RAT HEART.
E Kaza, R Bierer, L Joss-Moore, Q Fu, CW Callaway and RH Lane, Salt Lake City, Utah, UT. University of Utah School of medicine and Primary Children’s Medical Center (WAFMR/WSAI Outstanding Resident Award Winner) Abstract 34

4:30 A NOVEL ANIMAL MODEL OF PEDIATRIC HEART FAILURE.
JG Hijmans, S Miyamoto, R Sobus, C Sucharov and B Stauffer, Aurora, CO. University of Colorado Denver (WAFMR) Abstract 35

4:45 EFFECT OF ANTI-INFLAMMATORY PEPTIDE J ON CIRCULATING MARKERS OF INFLAMMATION IN A MOUSE MODEL OF ATHEROSCLEROSIS.
J Okhovat, L Baklouk, M Shabihkhani, S Safarpour, M Haghnejahdar, G Hough, S Vazirian and S Habibagahi, Los Angeles, CA. David Geffen School of Medicine at UCLA (WSMF) Abstract 36

Endocrinology and Metabolism I
Church of the Wayfarer, Carlson Hall
Kathryn Schuff and Jessica Brzana, Presiding

1:15 State-of-the-Art Speaker
UPDATE: DEFINING “NORMAL” FOR TSH.
Mary H. Samuels, Oregon Health & Science University

1:45 A CASE OF STERNOCOSTOCLA VICAL HYPEROSTOSIS INITIALLY DIAGNOSED AS PAGET’S DISEASE OF BONE.
C Lovato and P Kapsner, Albuquerque, NM. University of New Mexico Health Science Center Abstract 37

2:00 TERTIARY HYPERPARATHYROIDISM IN A PATIENT WITH X-LINKED HYPOPHOSPHATEMIC RICKETS.
C Sadler and P Kapsner, Albuquerque, NM. University of New Mexico Health Sciences Center Abstract 38

2:15 UNDETECTABLE URINARY CALCIUM IN TWO PATIENTS WITH PRIMARY HYPERPARATHYROIDISM.
R Patel-Trujillo, M Bouchonville, C Kapsner, D Schade, E Lewiecki and P Kapsner, Albuquerque, NM. University of New Mexico Health Sciences Center Abstract 39

2:30 IS WRIST CIRCUMFERENCE A PREDICTOR OF METABOLIC SYNDROME?
P Bell, N Nanjee, R Holubkov, J Skidmore, C Tak, K Holly and N Mihalopoulos, Salt Lake City, UT. University of Utah Abstract 40
2:45 PREVALENCE OF LOW HDL AND ITS ASSOCIATION WITH BMI IN A NON-DIABETIC VA POPULATION.
  W Gu, R Mallios, S Mcfarland and J Huang, Fresno, CA. VACCHCS

3:00 HYPERTRIGLYCEREMIA DURING PARENTERAL NUTRITION AND ITS RELATIONSHIP WITH BMI, VISCERAL FAT AND SUBCUTANEOUS FAT.
  EN Frazee, EM Nystrom, M McMahon and JM Miles, Rochester, MN. Mayo Clinic

3:15–3:30 Intermission

3:30 TESTOSTERONE REPLACEMENT THERAPY IN HYPOGONADAL MEN ALTERS THE HDL PROTEOME BUT DOES NOT AFFECT HDL CHOLESTEROL EFFLUX CAPACITY.
  K Rubinow, T Vaisar, C Tang, A Matsumoto, J Heinecke and S Page, Seattle, WA. University of Washington (WAFMR)

3:45 SIMVASTATIN DECREASES THE PERMEABILITY OF THE BLOOD RETINAL BARRIER BY ALTERATION OF ENDOTHELIAL JUNCTION PROTEIN EXPRESSION.
  L Caragol, S Rangasamy, J Maestas, P McGuire and A Das, Albuquerque, NM. University of New Mexico School of Medicine

4:00 INSULIN TIMING-A BENEFICIAL ADDITION TO INTENSIVE INSULIN THERAPY IN TYPE 1 DIABETES.
  E Duran-Valdez, MR Burge, P Broderick, L Shey, V Valentine, R Schrader and DS Schade, Albuquerque, NM. University of New Mexico Health Sciences Center

4:15 EFFECT OF Dipeptidyl Peptidase-IV Inhibitor Treatment on Post-Prandial Glucagon and Glucagon-Like Peptide-1 Levels in Patients with Type 1 Diabetes: An Investigator-Initiated, Double-Blind, Randomized, Placebo-Controlled Trial.
  EG Moser, J Snell-Bergeon and S Garg, Aurora, CO. University of Colorado Denver (WAFMR/WSCI Subspecialty Award Winner)

4:30 EFFECTS OF 3 MONTHS OF METFORMIN IN ADOLESCENTS WITH TYPE 1 DIABETES.
  KJ Nadeau and S Alam, Aurora, CO and Norfolk, VA. University of Colorado Denver (WSMRF, WSPR)

4:45 MANAGEMENT OF AN UNUSUAL CASE OF RECURRENT HYPOGLYCEMIA IN A PATIENT WITH TYPE 1 DIABETES MELLITUS.
  H Nguyen, M Bouchonville, P Kapsner and K Colleran, Albuquerque, NM. University of New Mexico Health Sciences Center

5:00 THE EFFECT OF SIX MONTHS OF VITAMIN D SUPPLEMENTATION IN MINORITIES WITH PRE-DIABETES AND HYPOVITAMINOSIS D.
  S Gonzalez, P Duran, T Friedman and MB Davidson, Los Angeles, CA. Charles Drew University (WSMRF)

Genetics
Sunset Center, Carpenter Hall
Anna Lehman and Mary Willis, Presiding

1:00 State-of-the-Art Speaker
GENETIC DIAGNOSIS IN THE EXOME ERA.
  Anna Lehman, University of British Columbia

1:30 De Novo Microdeletion of Xp11.3 Targeting the Monoamine Oxidase A and B Genes in a Male Infant with Episodic Hypotonia: A Genomics Approach to Personalized Medicine.
  R O'Leary, N Kawannata, N Kramer, J Tavyev and JM Graham, Los Angeles, CA. Cedars-Sinai Medical Center (WSPR Subspecialty Award Winner)

1:45 IMPROVEMENT IN JOINT MANIFESTATIONS IN A PATIENT WITH MUCOPOLYSACCHARIDOSIS TYPE I TREATED WITH ETANERCEPT.
  JK Eng-Kalavey and M Willis, San Diego, CA. NMCSD (WSPR Mead Johnson Travel Award Winner)

2:00 Cloning and Characterization of Agxt (Alanine Glyoxylate Aminotransferase) Gene Promoter.
  DD Lim, Aurora, CO. University of Colorado School of Medicine

2:15 AQUADYNIA - FIRST REPORT OF FAMILIAL OCCURRENCE.
  G Hightower, VR Barrio, SF Friedlander and LM Bird, San Diego, CA. University of California, San Diego

2:30 A RETROSPECTIVE STUDY OF INFANTS WITH SUSPECTED VERY LONG-CHAIN ACYL-COA DEHYDROGENASE DEFICIENCY ON NEWBORN SCREENING.
  J Merritt, CO Harding and BA Barshop, Seattle, WA; Portland, OR and La Jolla, CA. University of Washington, Seattle Children's Hospital (WSPR)

2:45–3:00 Intermission

3:00 BICORNUATE UTERUS CAUSES ARTHROGRYPOSIS - AN URBAN LEGEND DISPELLED.
  JG Hall, Vancouver, BC, Canada. University of British Columbia (WSPR)

3:15 DIAGNOSIS AND CLINICAL CHARACTERISTICS OF FEMALES MANIFESTING DUCHENNE MUSCULAR DYSTROPHY.
  LM Imlbornoni, CM Cunniff, JG Andrews, Z Powis, E Ciafaloni and FJ Meaney, Tucson, AZ and Rochester, MN. University of Arizona College of Medicine

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3:30 MACROCEPHALY AS A CLINICAL INDICATOR OF GENETIC SUBTYPES IN AUTISM.
S Klein and JA Martinez-Agosto, Los Angeles, CA. David Geffen School of Medicine at UCLA

4:00 A PATIENT WITH ATELOSTEOGENESIS TYPE I CAUSED BY A NOVEL MISSENSE MUTATION IN FLNB AND TRACHEAL HYPOPLASIA.
B Li, J Hogue and A Slavotinek, San Francisco, CA. UCSF

4:15 17Q12 DELETION AND RISK FOR MULTIORGAN SYSTEM DISEASE.
K Krishna, J Miyamoto, A Slavotinek and J Shieh, San Francisco, CA. University of California San Francisco

4:30 C. ELEGANS AS A GENETIC MODEL OF HYPOXIC INJURY.
J LaMacchia and M Roth, Seattle, WA. University of Washington

4:45 TESTING THE MULTISTAGE MODEL OF CARCINOGENESIS REVEALS EVIDENCE OF ONE MUTATION FOR SYNOVIAL SARCOMA AND TWO MUTATIONS FOR ACUTE PROMYELOCYTIC LEUKEMIA.
J Bu, North Hollywood, CA. Harvard-Westlake School

Health Care Research I
Sunset Center, Promenade Lobby
Bernhard Fassl, Presiding

1:30 PATIENT PERCEPTION OF MEDICAL PROFESSIONALISM: A COMPARISON IN DIFFERENT CLINICAL SETTINGS.
JM Gulvin and J Strote, Seattle, WA. University of Washington

1:45 A TEN-YEAR REVIEW OF CLINICAL ETHICS CONSULTATIONS AND THEIR LONG-TERM FOLLOW-UP.
S McDearmon and R Orr, Loma Linda, CA. Loma Linda University School of Medicine

2:00 EVALUATION OF CAPACITY FOR INTERNATIONAL PATIENT CARE AT BC CHILDREN'S HOSPITAL.
D Rasmussen, D Duffy, N O'Hara, S Chen, J Masterson and S Gandhi, Vancouver, BC, Canada. University of British Columbia

2:15 A LONGITUDINAL STUDY OF MEDICAL STUDENTS’ MALPRACTICE FEAR AND DEFENSIVE MEDICINE: A “HIDDEN CURRICULUM”? 
W Johnston, R Rodriguez, D Suarez and J Fortman, Los Angeles, CA. David Geffen School of Medicine at UCLA

2:30 NURSING EMPLOYMENT STRUCTURE IN UGANDA.
L Zomorodian, S Luboga, SJ Herrera, KA Kamwatta and A Hagopian, Seattle, WA and Kampala, Uganda. University of Washington

2:45 SPECIALTY, GEOGRAPHIC, AND PRACTICE DISTRIBUTION OF BUPRENORPHINE PROVIDERS IN WASHINGTON STATE.
E Kvamme and R Rosenblatt, Seattle, WA. University of Washington School of Medicine

3:00 NEONATAL OUTCOMES AT TEACHING HOSPITALS.
A Yeaton-Massey and A Caughey, Stanford, CA and Portland, OR. Stanford University

3:15–3:30 Intermission

3:30 VIRTUAL PROBLEM BASED LEARNING (PBL) - A NEEDS ASSESSMENT EXAMINING TRADITIONAL VERSUS VIRTUAL PROBLEM-BASED LEARNING.

3:45 CHANGES IN NURSING EDUCATION IN UGANDA SINCE 2005.
SJ Herrera, S Luboga, A Kentaro, L Zomorodian and A Hagopian, Seattle, WA and Kampala, Uganda. University of Washington School of Medicine (WSMRF)

4:00 FEMALE MEDICAL STUDENT PERSPECTIVES ON THEIR PROFESSIONAL INTERACTIONS WITH FEMALE PHYSICIANS.
E Lubliner, S George and DE Hayes-Bautista, Los Angeles, CA. Charles Drew University

4:15 THE JOINT COMMISSION CLINICAL ASTHMA CARE MEASURES AND HOSPITALIZATION OUTCOMES.
B Fassl, F Nkoy, B Stone, D Uchida, K Koopmeiners and C Maloney, Salt Lake City, UT. University of Utah (WAFMR)

4:30 MEDICAL ASSISTANTS’ PERCEIVED ROLES AND PREFERRED TRAINING METHODS IN COMMUNITY HEALTH CENTERS.
C’Y Chon and S Tu, Seattle, WA. University of Washington

4:45 CAPABILITIES AND REFERRAL PATTERNS OF HEALTH FACILITIES OF THE BIBIANI-ANHWIASO-BEKWAI DISTRICT IN RURAL GHANA.
SH Han and DH Rickard, Los Angeles, CA. UCLA David Geffen School of Medicine (WSMRF)

Hematology and Oncology I
Sunset Center, Studio 105
Virginia Broudy and C. Anthony Blau, Presiding

1:30 MECHANISMS OF RESISTANCE TO THE B-RAF INHIBITOR ZELBORAF IN FOUR MELANOMA CELL LINES.
E Garg, X Kong, H Shi, G Moriceau and RS Lo, Los Angeles, CA. David Geffen School of Medicine at UCLA (WAFMR/WSCI Subspecialty Award Winner)
1:45 MIR-9, A TUMOR SUPPRESSOR MICRORNA, TARGETS ADHERENCE JUNCTION PROTEINS RESULTING IN SKIN SQUAMOUS CELL CARCINOMA: IMPLICATIONS FOR METASTASIS AND CHEMORESISTANCE.
A Reddi, R White and X Wang, Denver, CO. University of Colorado, School of Medicine (E.E. Osgood Winner) (WSMRF)

2:00 EXOME SEQUENCING IDENTIFIES “HYPERMUTATED” PROSTATE CANCERS.
A Kumar, P Nelson and J Shendure, Seattle, WA. University of Washington

2:15 IDENTIFICATION OF MITOCHONDRIAL SERINE HYDROXY-METHYL TRANSFERASE AS A KEY ARGINASE-DEPENDENT TARGET IN HUMAN BREAST CANCER.
S Pervin, M Braga, N Avliyakulov, M Haykinson, G Chaudhuri and R Singh, Los Angeles, CA. Charles Drew University (WSCI Travel Award Winner) (WSCI)

2:30 TARGETING CANCER WITH A CELL-PENETRATING ANTI-DNA ANTIBODY.
JE Hansen, G Chan, S Dalal, E Geiger, X Xu, E Peterson-Roth, Y Liu, DC Hegam, Y Liu, JB Sweasy, S Rockwell, J Gera, RN Nishimura, RH Weisbart and PM Glazer, New Haven, CT and Sepulveda, CA. Yale University School of Medicine

2:45 THE ROLE OF COXSACKIE-ADENOVIRUS RECEPTOR AS A SENESCENCE BIOMARKER DURING RECTAL CANCER TREATMENT.
LE Grobman, DY Wu, DZ Dong and PC Wu, Seattle, WA. University of Washington (WSMRF)

3:00 INTERMISSION

3:15 State-of-the-Art Speaker
STEM CELLS.
C. Anthony Blau, University of Washington

3:45 AURINOSTATIN DRUGS DECREASE LONG-TERM SURVIVAL LEVELS AND INDUCE APOPTOSIS IN HUMAN PANCREATIC CANCER (PANC-1) CELLS.
JS Park, MM Asuncion, JR Aspe, GR Pettit and NR Wall, Loma Linda, CA and Tempe, AZ. Loma Linda University

4:00 A POTENTIAL THERAPY FOR HIGH-RISK B-CELL LEUKEMIA: TARGETING HEALTH DISPARITIES IN HISPANIC CHILDREN.
SR Martinez, T Bennett, O Francis, DJ Weldon and KJ Payne, Loma Linda, CA. Loma Linda University

4:15 FAR-RED FP-BASED TRIPLE MODALITY REPORTER FOR IN VIVO IMAGING.
C Felsen, M Whitney, J Yang and R Tsien, La Jolla, CA. UCSD (WSMRF)

4:30 NOVEL MICROARRAY TECHNOLOGY DISCOVERS INI1 DELETIONS AND COPY NUMBER SIGNATURES THAT CORRELATE WITH CLINICAL OUTCOME IN EWING'S SARCOMA.
J Schifman, MA Juhromi, A Putnam, J Wright, H Spraker, H Zhou, RL Randall, K Jones and S Lessnick, Salt Lake City, UT. University of Utah

4:45 DEVELOPING A PHOTONOVELA FOR LATINO ADOLESCENT AND YOUNG ADULT CANCER SURVIVORS.
KH Strength, M Doose-Peña, R Millán, S Morales, M Perez, F Enriquez, E Barbo and J Casillas, Los Angeles, CA and Toluca Lake, CA. David Geffen School of Medicine, University of California Los Angeles (WSMRF)

Maternal and Infant Medicine
Sunset Center, Room # 6
Pete Eveland, Presiding

1:30 LINEAR GROWTH FALTERING BEGINS IN EARLY POSTNATAL PERIOD IN AN INDIGENOUS POPULATION OF MAYAN DESCENT.

1:45 TOBACCO EDUCATION FOR CHILDREN AND PARENTS IN BUTTE, MONTANA.
ER Cedarbaum, Seattle, WA. University of Washington School of Medicine

2:00 IMPLEMENTATION AND ASSESSMENT OF A PERINATAL HEALTH EDUCATION PROGRAM IN RURAL NEPAL.
H Crandall, D Levy, F Nkoy and B Fassl, Salt Lake City, UT. University of Utah (WSMRF)

2:15 BUILDING A COMMUNITY-BASED NUTRITION MONITORING PROGRAM IN RURAL MALAWI CHILDRENCENTERS.
I Golovaty, Seattle, WA. University of Washington (WSMRF)

2:30 REDUCING MATERNAL MORTALITY AND MORBIDITY IN MANGOCHI, MALAWI THROUGH COMMUNITY-LEVEL PROMOTION OF BIRTH PREPAREDNESS.
D Heinrich, Seattle, WA. University of Washington School of Medicine

2:45 DENTAL CAVITY PREVENTION THROUGH FLUORIDE EDUCATION IN SANDPOINT, IDAHO.
S Houmes, Seattle, WA. University of Washington School of Medicine

3:00 TEEN PREGNANCY PREVENTION IN OTHELLO, WASHINGTON.
C Louw, Seattle, WA. University of Washington (WSMRF)

3:15–3:30 Intermission

3:30 PREVENTION OF UNINTENDED TEEN PREGNANCY IN RURAL PERU THROUGH EDUCATION AND EMPOWERMENT OF ADOLESCENT GIRLS.
AL Moreno, Seattle, WA. University of Washington School of Medicine

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3:45 PREVENTING MALARIA IN PREGNANCY THROUGH HEALTH EDUCATION IN RURAL UGANDA.  
M Shipe, Seattle, WA. University of Washington (WSMRF)  
Abstract 95

4:00 PROMOTING INFANT AND CHILD NUTRITION THROUGH COMMUNITY EDUCATION IN THE PERUVIAN SIERRA.  
K Wertzler, Seattle, WA. University of Washington (WSMRF)  
Abstract 96

4:15 CONTRACEPTIVE EDUCATIONAL OUTREACH FOR AT-RISK TEENS IN OTHELLO, WA.  
M Hahn, Seattle, WA. University of Washington (WSMRF)  
Abstract 97

Neonatal Pulmonary I  
All Saints Church, Sanctuary  
Kurt Albertine and Clyde Wright, Presiding

1:30 MACROPHAGE POLARIZATION & BRONCHOPULMONARY DYSPLASIA.  
B Chan, A Li, V Lombardi, R Gerege, R Ramanathan, O Akbari and P Minoo, Los Angeles, CA. University of Southern California  
Abstract 98

1:45 NF-κB INHIBITORY PROTEINS DICATE CELLULAR SURVIVAL IN RESPONSE TO MITOCHONDRIAL STRESS.  
C Wright, F Agboke, M Muthu, M Mundy and P Dennery, Denver, CO and Philadelphia, PA. University of Colorado Denver  
Abstract 99

2:00 IUGR ALTERS DNA AND HISTONE METHYLATION OF THE ELASTIN GENE IN NEWBORN RAT LUNG.  
A Sainz, Y Wang, C Callaway, X Yu, K Albertine, R Lane and L Joss-Moore, Salt Lake City, UT. University of Utah  
Abstract 100

2:15 NEBULIZED ROSIGLITAZONE, A NOVEL DELIVERY METHOD FOR ACCELERATING NEONATAL LUNG MATURATION.  
E Morales, D Paek, R Sakurai, Y Li, J Torday, B Ibe and VK Rehan, Torrance, CA. Harbor UCLA Medical Center (WSPR Mead Johnson Travel Award Winner) (WSPR)  
Abstract 101

2:30 CURCUMIN BLOCKS HYPOXIA-INDUCED PULMONARY ALVEOLAR TYPE II CELL AND LIOFIBROBLAST APOPTOSIS.  
P Villarreal, R Sakurai, Y Li, J Torday and VK Rehan, Torrance, CA. Harbor UCLA Medical Center  
Abstract 102

2:45 NEONATAL HYPOXIA INCREASES LUNG ELASTIN AS WELL AS ALTERS LUNG STRUCTURE IN MALE IUGR RATS.  
L Joss-Moore, Y Wang, MJ Dahl, A Wint, A Sainz, C Callaway, X Yu, K Albertine and R Lane, Salt Lake City, UT. University of Utah (WSMRF)  
Abstract 103

3:00 PERINATAL VITAMIN D EFFECTS ON LUNG DEVELOPMENT DETERMINE THE ASTHMA PHENOTYPE.  
S Antony, M Yurt, J Liu, R Sakurai, J Torday and V Rehan, Torrance, CA. Harbor UCLA Medical Center  
Abstract 104

3:15–3:30 Intermission

3:30 ERYTHROPOIETIN TREATMENT REDUCES THE INCIDENCE OF BRONCHOPULMONARY DYSPLASIA IN PRETERM INFANTS.  
N Rusjada, B Lorayne, L Chan and K Bui, Los Angeles, CA and Rockville Centre, NY. Mercy Medical Center  
Abstract 105

3:45 KINETICS OF HBNO METABOLISM IN NEWBORN LAMBS.  
LE Barcelo, CR Erickson, GG Power and AB Blood, Loma Linda, CA. Loma Linda University  
Abstract 106

4:00 NEONATAL RESUSCITATION PROGRAM TEAM TRAINING FOR HIGH RISK PREMATURE INFANTS: IMPROVING PATIENT OUTCOMES USING SIMULATION.  
HR Hackmann and J Anderson, Portland, OR. Oregon Health and Science University  
Abstract 107

4:15 IUGR DECREASES STEAROYL-COA DESATURASE MRNA AND PALMITOLEIC ACID LEVELS IN NEWBORN RAT LUNG.  
AB Riederer, ML Baack, Y Wang, C Jiang, X Yu, CW Callaway, AW Norris, RH Lane and LA Joss-Moore, Salt Lake City, UT and Iowa City, IA. University of Utah  
Abstract 108

4:30 EVIDENCE FOR A VASOACTIVE METABOLITE OF NITRIC OXIDE IN WHOLE BLOOD.  
C Erickson, L Barcelo and A Blood, Loma Linda, CA. Loma Linda University  
Abstract 109

4:45 LIMITING FEEDING CHANGES APOPTOSIS AND PROLIFERATION IN THE LUNG, BRAIN, AND LIVER OF CHRONICALLY VENTILATED PRETERM LAMBS.  
J Jewel, J Alvord, B Houston, C Block, J Wimmer, S Jensen, L Dong, MJ Dahl, RA McKnight, DM Null, BA Yoder, R DiGeronimo, RH Lane and KH Albertine, Salt Lake City, UT. University of Utah (WSMRF)  
Abstract 110

5:00 JOAN HODGMAN MEMORIAL LECTURE  
UREAPLASMA IN VLBW INFANTS: INNOCENT BYSTANDER OR TREATABLE PATHOGEN?  
Robert Schelonka, Oregon Health & Science University  
Join Neonatology General Session in All Saints Church Auditorium for this special lecture.
1:45  EPIDEMIOGENETICS OF TRANSGENERATIONAL TRANSMISSION OF IN UTERO NICOTINE-INDUCED ASTHMA.
J Liu, N Erum, J Tian, R Sakurai, J Torday and VK Rehan, Torrance, CA. Harbor UCLA Medical Center

2:00  GENDER-SPECIFIC PERINATAL NICOTINE-INDUCED ASTHMA IN RAT OFFSPRING.
J Tian, J Liu, E Naeem, V Lombardi, K Kwong, O Akbari, J Torday and VK Rehan, Torrance, CA and Los Angeles, CA. Harbor UCLA Medical Center

2:15  HEME OXYGENASE-1 DEFICIENCY PROMOTES NECROTIZING ENTEROCOLITIS DEVELOPMENT IN A MURINE MOUSE MODEL.
S Schulze, K Jiang, FS Kalish, H Zhao, HJ Vreman, KS Sylvester, RJ Wong and DK Stevenson, Stanford, CA. Stanford University School of Medicine

2:30  INCREASED VARIABILITY OF FECAL BILE ACID LEVELS IN INFANTS THAT DEVELOP NECROTIZING ENTEROCOLITIS.
A Kehring, SK Mount Patrick, TE Estrada, SM Gephart, AD Bedrick and MD Halpern, Tucson, AZ. University of Arizona College of Medicine

2:45  PRETERM BIRTH AND ASSOCIATED VENTILATION ARE NOT RELATED TO HIGHER LEVELS OF LIVER MARKERS OF HEPATOBASTOMA IN PRETERM LAMBS.
C Block, J Schiffman, J Wimmer, L Dong, MJ Dahl, DM Null, BA Yoder, R DiGeronimo, RH Lane and KH Albertine, Salt Lake City, UT. University of Utah (WSMRF)

3:00  COMPARISON OF CD34 SUBSETS IN TERM AND PRETERM NEONATES.
M Weems, M Biniwale, A George, E Zielinska, J Azen and H Abdel-Azim, Los Angeles, CA. University of Southern California

3:15  Intermission

3:30  THE EFFECT OF ANTITHROMBIN III SUPPLEMENTATION ON BLOOD PRODUCT REQUIREMENTS DURING NEONATAL EXTRACORPOREAL MEMBRANE OXYGENATION SUPPORT.
R Perry, L Klee, R Ramanathan, J Stein, J Seri and P Friedlich, Los Angeles, CA. LAC+-USC

3:45  EXTRACORPOREAL MEMBRANE OXYGENATION INDUCES INFLAMMATORY MEDIATORS IN NEONATES BORN WITH CONGENITAL DIAPHRAGMATIC HERNIA.
Gl Gardiner, T La Pine, J Martinez, R DiGeronimo, H Hill and CC Yost, Salt Lake City, UT. ARUP Institute for Clinical and Experimental Pathology

4:00  PROBIOTIC USE IN CYANOTIC CONGENITAL HEART DISEASE.
MA Underwood, C Ellis, N Bokulich, K Kalanetra, M Mirmiran, J Elumalai, T Schegg, J Rutledge, G Raff and D Mills, Sacramento, CA and Davis, CA. University of California, Davis (WSPR)

4:15  EFFECT OF SUPERIOR CERVICAL GANGLION REMOVAL ON CEREBRAL BLOOD FLOW DURING PERIODS OF ACUTE HYPERTENSION IN PRETERM AND TERM LAMBS.
AJ Czynski and AB Blood, Loma Linda, CA. Loma Linda University

4:30  THE TIMING OF SURGICAL INTERVENTION AND CLINICAL PREDICTORS OF MORTALITY IN INFANTS REFERRED TO A NEONATAL INTENSIVE CARE UNIT FOR NECROTIZING ENTEROCOLITIS.
F Wertheimer, C Shafer, H Ford and V Niklas, Los Angeles, CA. Keck School of Medicine of USC and Children’s Hospital Los Angeles

4:45  USE OF AN OXYGEN SATURATION HISTOGRAM INCREASES TIME INFANTS ARE WITHIN TARGET SATURATION RANGE.
KK Adams, M Goldstein, J Ninnis, A Hopper and D Deming, Loma Linda, CA. Loma Linda University

5:00  JOAN HODGMAN MEMORIAL LECTURE
UREAPLASMA IN VLBW INFANTS: INNOCENT BYSTANDER OR TREATABLE PATHOGEN?
Robert Schelonka, Oregon Health & Science University

Neuroscience I
Sunset Center, Conductor’s Room
Marie-Francoise Chesselet and Edward Wagner, Presiding

1:30  DO MEDICAL STUDENTS UNDERSTAND BRAIN DEATH? A SURVEY STUDY.
SM Gonzales, J Tawil, J Marinaro, TC Timm, S Kalishman and C Crandall, Albuquerque, NM. University of New Mexico

1:45  EFFECTS OF ATTENTION ON TONOTOPY IN SCHIZOPHRENIA.
T Ragole, E Slason, P Teale, M Reite and DC Rojas, Denver, CO. University of Colorado School of Medicine

2:00  INVESTIGATIONS ON THE ROLE OF NICOTINE IN POST TRAUMATIC STRESS DISORDER.
E Bukkian, D Stidd, K Vogelsang, JP Langevin and JM Fellous, Tucson, AZ. University of Arizona

2:15  SYSTEMATIC ANALYSIS OF TREATMENT STRATEGIES AND OUTCOMES FOR MALIGNANT EPIDERMIDOID TUMORS.
D Nagasawa, A Yew, W Choy, M Spasic, Q Gopen and I Yang, Los Angeles, CA. Geffen School of Medicine at UCLA

2:30  CORTICAL ATROPHY AND GENETIC BIOMARKERS IN COGNITIVELY NORMAL ELDERLY AND MCI.
KL Checksfield, KS Hwang, G Coppola, J Lane, B Wang, J Kaspar, JL Cummings, PM Thompson and LG Apostolova, Los Angeles, CA; Hanover, NH and Las Vegas, NV. University of California Los Angeles

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2:45 TRANSPLANTATION OF INDUCED PLURIPOTENT NEURAL PROGENITOR CELLS AND CHONDROITINASE ABC IN A HYDROGEL MATRIX AFTER STROKE.
AH Ashrafi, Los Angeles, CA. David Geffen School of Medicine at UCLA (WSCI Travel Award Winner) (WSMRF) Abstract 129

3:00–3:15 Intermission

3:15 ALPHA-SYNUCLEIN OLIGOMER-INDUCED CALCIUM ACTIVITY IN PURE ASTROCYTE MODEL.
C Park, S Damle, J Cui and GA Silva, San Diego, CA. University of California, San Diego Abstract 130

3:30 MAGNETIC RESONANCE IMAGING OF INJURY IN A MOUSE MODEL OF MILD CLOSED HEAD INJURY.
M Evans, S Daming, V Donovan and A Obenaus, Loma Linda, CA and Riverside, CA. Loma Linda University Abstract 131

3:45 VERIFICATION OF STEREOTACTIC PROTON RADIOSURGERY TARGETING ACCURACY IN THE RAT BRAIN USING γH2AX IMMUNOFLUORESCENCE.
J Schneider, S Bu, B Black, G Chen, K Schubert, R Schulte and Y Nie, Loma Linda, CA and Los Angeles, CA. Loma Linda University Abstract 132

Surgery I
Sunset Center, Green Room
Donald C. Dafoe, Presiding

1:30 State-of-the-Art Speaker
TREATMENT OF DIABETES THROUGH TRANSPLANTATION: AN EVOLUTION FROM WHOLE ORGAN TO STEM CELL DERIVED BETA CELLS.
Donald C. Dafoe, Cedars-Sinai Medical Center

2:00 THE EFFECT OF LIPID MINIMATION ON PARENTERAL NUTRITION ASSOCIATED CHOLESTASIS IN PEDIATRIC SURGICAL PATIENTS.
L Braun, S Sanchez and P Javid, Seattle, WA. University of Washington School of Medicine (WAFM/WSCI Subspecialty Award Winner) Abstract 133

2:15 DETECTING ATLANTO-OCCIPITAL DISSOCIATION WITH A REVISED CRANIO-CERVICAL INTERVAL.
JD Gire, RF Roberto, M Bobinski, EO Klineberg and B Durbin-Johnson, Sacramento, CA. University of California, Davis School of Medicine Abstract 134

2:30 COMPARISON OF EXTRACORPOREAL SHOCKWAVE RENAL STONE FRAGMENTATION AND URETEROSCOPY HOLMIUM LASER STONE FRAGMENTATION FOR THE TREATMENT OF URINARY STONES.
H Wagner, J Fargusson, D Smith, D Arnold, A Schlaifer, K Anderson, J Heldt, I Wahjudi, K Nguyen, M Fargusson and D Baldwin, Loma Linda, CA. Loma Linda University School of Medicine (WSMRF) Abstract 135

2:45 CLINICAL LIVER TRANSPLANT OUTCOMES IN PATIENTS WITH PULMONARY HYPERTENSION.
GR Marshall, RS Mangus and SB Kinsella, Indianapolis, IN. Indiana University School of Medicine Abstract 136

3:00 FLUOROLESS VERSUS CONVENTIONAL URETEROSCOPY: A COMPARISON STUDY.
I Wahjudi, C Tenggurdjaja, D Smith, A Schlaifer, B Baldwin and D Baldwin, Loma Linda, CA. Loma Linda University Abstract 137

3:15–3:30 Intermission

3:30 DOES OPTIC NERVE SHEATH DIAMETER ON MRI DECREASE WITH IMPROVED PEDIATRIC HYDROCEPHALUS?
MM Yang, A Singhal and DD Cochrane, Vancouver, BC, Canada. University of British Columbia and BC Children’s Hospital (WSMRF) Abstract 138

3:45 A CLINICAL AND RADIOLOGICAL CORRELATIVE STUDY OF PERONEAL TENDON PATHOLOGY.
SE Wong, W Mak, GE Koper, V Campanelli, JC Hunter and E Guza, Sacramento, CA and Verona, Italy. University of California, Davis School of Medicine (WSMRF) Abstract 139

4:00 EFFECT OF CYTOKINE HEMOADSORPTION ON BRAIN DEATH-INDUCED VENTRICULAR DYSFUNCTION IN A PORCINE MODEL.
KM Mikhova, KM Jones, ED Verrier and DG Rabin, Seattle, WA. University of Washington Abstract 140

4:15 COMPARISON OF UNIMODAL AND MULTIMODAL APPROACHES FOR ENTOMBED STENTS.
M Fargusson, J Heldt, I Wahjudi, J Fargusson, H Wagner, K Nguyen, A Schlaifer, K Anderson, D Smith, D Arnold and D Baldwin, Loma Linda, CA. Loma Linda University School of Medicine Abstract 141

4:30 DETERMINING VOLUME OF KIDNEY STONES IMPLEMENTING OSIRIX SOFTWARE.
JE Fargusson, DL Smith, JP Heldt, KK Nguyen, HJ Wagner, MA Fargusson, IN Wahjudi, KM Anderson, AE Schlaifer, DC Arnold, JC Smith and DD Baldwin, Loma Linda, CA. Loma Linda University School of Medicine Abstract 142

4:45 SOFT TISSUE DAMAGE BY OSCILLATING SAW BLADE DURING TOTAL KNEE ARTHROPLASTY.
Y Kwon, R Kim, G Botimer, S Inceoglu and P Williams, Loma Linda, CA. Loma Linda University Abstract 143
STUDENT SUBSPECIALTY AWARD POSTER SESSION AND RECEPTION*

Jointly sponsored by

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

Carmel Women’s Club
5:30 PM–7:00 PM
Thursday, January 26, 2012

Poster Number

1 WHITE MATTER INTEGRITY IN INSULA AND FORNIX IMPLICATED IN BULIMIA NERVOSA NERVOA.
   LN Mettler, M Shott, M Rollin and G Frank, Aurora, CO. University of Colorado School of Medicine (WSPR Subspecialty Award Winner)

2 A PROFILE OF DEPRESSED MEDICAL STUDENTS.
   M Ford, MSIV, S Bazzargan-Hejazi, PhD and J Lin, MA, Los Angeles, CA. Charles R. Drew University of Medicine and Science (WSPR Subspecialty Award Winner)

3 CHARACTERIZATION AND THERAPEUTIC POTENTIAL OF INDUCED PLURIPOTENT STEM CELL-DERIVED CARDIOVASCULAR PROGENITOR CELLS.
   J Chyu, J Mendelis, S Heydarkhan, P Zhao, A Nsair and R MacLellan, Los Angeles, CA. David Geffen School of Medicine at UCLA (WAFMR/WSCI Subspecialty Award Winner) (WAFMR)

4 DEPRESSION IS COMMON IN TB PATIENTS AND IS ASSOCIATED WITH TREATMENT ABANDONMENT.
   DM Karlin, C Evans, C Loiselle, K Zevallas, F Fernandez, N Allen, R Montoya and D Boccia, Los Angeles, CA; London, United Kingdom and Lima, Peru. David Geffen School of Medicine at UCLA (WAFMR/WSCI Subspecialty Award Winner) (WAFMR/WSCI Subspecialty Award Winner)

5 METHYLATION IN REGIONS OF EXECUTIVE FUNCTION IN THE DEVELOPING HUMAN BRAIN.
   C Wilson, N Harlaar, J Phillips, S McConaghy, M Morgan and RK Ohls, Albuquerque, NM. University of New Mexico (WSPR Subspecialty Award Winner)

6 EFFECT OF Dipeptidl Peptidase-IV Inhibitor Treatment on Post-Prandial Glucagon and Glucagon-Like Peptide-1 Levels in Patients with Type 1 Diabetes: An Investigator-Initiated, Double-Blind, Randomized, Placebo-Controlled Trial.
   EG Moser, J Snell-Bergeon and S Garg, Aurora, CO. University of Colorado Denver (WAFMR/WSCI Subspecialty Award Winner) (WAFMR/WSCI Subspecialty Award Winner)

7 CAN THE TIMED UP AND GO DEFINE SEVERITY OF FALL RISK?
   J Herbert and E Phelan, Seattle, WA. University of Washington School of Medicine (WAFMR/WSCI Subspecialty Award Winner)

8 LIMITING FEEDING CHANGES APOPTOSIS AND PROLIFERATION IN THE LIVER OF PRETERM LAMBS SUPPORTED BY NASAL HIGH-FREQUENCY VENTILATION.
   C Block, J Jewel, A Smith, J Alvord, B Houston, J Wimmer, S Jensen, L Dong, MJ Dahl, DM Null, BA Yoder, R DiGeronimo, RH Lane and KH Albertine, Salt Lake City, UT. University of Utah (WSPR Subspecialty Award Winner) (WAFMR/WSCI Subspecialty Award Winner)

9 DE NOVO MICRODELETION OF Xp11.3 TARGETING THE MONOAMINE OXIDASE A AND B GENES IN A MALE INFANT WITH EPISODIC HYPOTONIA: A GENOMICS APPROACH TO PERSONALIZED MEDICINE.
   R O’Leary, N Kawamata, N Kramer, J Tavyev and JM Graham, Los Angeles, CA. Cedars-Sinai Medical Center (WAFMR/WSCI Subspecialty Award Winner) (WAFMR/WSCI Subspecialty Award Winner)

10 EFFECT OF PHYSICIAN FOLLOW-UP AND SPECIALTY DIFFERENCES ON 30-DAY READMISSION FOR HEART FAILURE PATIENTS.
   D Jang, H Xu, J Escarce and M Ong, Los Angeles, CA. David Geffen School of Medicine at UCLA (WAFMR/WSCI Subspecialty Award Winner) (WAFMR/WSCI Subspecialty Award Winner)

11 MECHANISMS OF RESISTANCE TO THE B-RAF INHIBITOR ZELBORAF IN FOUR MELANOMA CELL LINES.
   E Gary, X Kong, H Shi, G Moriceau and RS Lo, Los Angeles, CA. David Geffen School of Medicine at UCLA (WAFMR/WSCI Subspecialty Award Winner) (WAFMR/WSCI Subspecialty Award Winner)

12 DECREASED INTRACELLULAR AND EXTRACELLULAR PRODUCTION OF THE T HELPER 1 CYTOKINE IL-17 BY CORD BLOOD MONONUCLEAR CELLS MAY CONTRIBUTE TO NEONATAL INFECTIONS.
   JC Corvin, TR La Pine, NH Augustine, TB Martins, CC Yost and HR Hill, Salt Lake City, UT. University of Utah (WAFMR/WSCI Subspecialty Award Winner) (WAFMR/WSCI Subspecialty Award Winner)

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13 **BUMPED KINASE INHIBITORS BLOCK MALARIA TRANSMISSION TO MOSQUITOES.**

*RC Murphy, KK Ojo, O Billker, W Van Voorhis and DJ Maly, Seattle, WA and Hinxton, United Kingdom. University of Washington (WAFMR/WSCI Subspecialty Award Winner)*

14 **IUGR INCREASES DNA METHYLATION OF THE PPAR-GAMMA PROMOTER 2 IN RAT VISCERAL ADIPOSE TISSUE.**

*A Heglas, Y Wang, A Sainz, C Jiang, X Yu, C Callaway, R Lane and L Joss-Moore, Salt Lake City, UT. University of Utah (WAFMR/WSCI Subspecialty Award Winner)*

15 **NUCHAL THICKENING AND CYSTIC HYGROMAS: PREDICTING POSTNATAL OUTCOMES FROM PRENATAL ULTRASOUNDS.**

*BO Longstreet, K Balikrishnan, J Perkins, B Saltzman and M Dighe, Seattle, WA. University of Washington School of Medicine (WSPR Subspecialty Award Winner) (WSMRF)*

16 **EPHA2 AND A3 ARE PERSISTENTLY INCREASED IN THE LUNG OF FORMER MECHANICALLY VENTILATED PRETERM LAMBS.**

*J Wimmer, E Weinlander, J Alvord, B Houston, L Dong, MJ Dahl, RA McKnight, D Null, BA Yoder, R DiGeronimo, RH Lane and KH Albertine, Salt Lake City, UT and Appleton, WI. University of Utah (WSPR Subspecialty Award Winner) (WSMRF)*

17 **THE DORSAL MEDIAL HYPOTHALAMUS MEDIATES PAIN HYPERSENSITIVITY INDUCED BY CHRONIC STRESS.**

*K. Wagner, D Cleary and M Heinricher, Portland, OR. Oregon Health and Science University (WAFMR/WSCI Subspecialty Award Winner)*

18 **EFFECTS OF NON-Steroidal ANTI-INFLAMMATORY DRUGS ON THE HYPOXIC VENTILATORY RESPONSE AND ACCLIMATIZATION TO CHRONIC HYPOXIA IN HUMANS.**

*B Ho, E Ellis, R Zarndt, S Hopkins and F Powell, San Diego, CA. UCSD School of Medicine (WAFMR/WSCI Subspecialty Award Winner) (WSMRF)*

19 **THE EFFECT OF LIPID MINIMIZATION ON PARENTERAL NUTRITION ASSOCIATED CHOLESTASIS IN PEDIATRIC SURGICAL PATIENTS.**

*L Braun, S Sanchez and P Javid, Seattle, WA. University of Washington School of Medicine (WAFMR/WSCI Subspecialty Award Winner)*

*This session is not certified for AMA PRA Category 1 Credit™*

**BREAKFAST-WITH-THE-INVESTIGATOR**

*Monterey Beach Hotel – Captain’s Table Room*

*7:00 AM–8:00 AM*

*Friday, January 27, 2012*

*Point Alones and Point Pinos Room*

**ACADEMIC MEDICINE AND RURAL PRACTICES**

Laurel Desnick, University of Washington

**GLOBAL HEALTH EXPERIENCES**

Tom Nighswander, University of Washington

**INTEGRATING AN ARTS IN MEDICINE PROGRAM AT YOUR INSTITUTION**

Pete Eveland, University of Washington

This session is not certified for AMA PRA Category 1 Credit™

**WESTERN ASSOCIATION OF PHYSICIANS**

*Sunset Center – Theater*

*Friday, January 27, 2012*

*8:30 AM–11:45 AM*

**STEM CELL THERAPEUTICS FOR THE CARDIOVASCULAR SYSTEM: HOPE OR HYPE**

Carlin Long and Robb MacLellan, Presiding

*8:30 INTRODUCTION*

*8:45 PLURIPOTENT STEM CELLS FOR CARDIAC REPAIR.**

*Michael Laflamme, University of Washington*
9:30  BREAK
9:45  STEPS TOWARD BIOARTIFICIAL ORGANS FOR TRANSPLANTATION.
      Doris Taylor, University of Minnesota
10:30 THE HOLY GRAIL OF CELL THERAPY: CAN WE ACHIEVE GENUINE REGENERATION?
       Eduardo Marban, Cedars Sinai Medical Center
11:15 DISCUSSION
11:45  ADJOURN
11:45  WAP BUSINESS MEETING

INVESTIGATOR WORKSHOPS

12:00 PM–1:15 PM
Friday, January 27, 2012

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

Sunset Center – Bingham #3

Navigating your academic career: Finding your niche and keeping the balance
Marc-Andre Cornier, University of Colorado

Sunset Center – Chapman #4

Grant Writing
Gregory Brent, David Geffen School of Medicine at UCLA

CONCURRENT SESSIONS

Friday, January 27, 2012
1:00 PM

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

Cardiovascular II .......................................................... Ocean Avenue Room, Pine Inn
Endocrinology and Metabolism II ................................. Carlson Hall, Church of the Wayfarer
Gastroenterology and Hepatology .................................. Green Room, Sunset Center
Health Care Education and Communication ...................... Rehearsal Room, Sunset Center
Health Care Research II ............................................. Promenade Lobby, Sunset Center
Hematology Oncology and Surgery .................................. Sunset Center, Chapman #4
Immunology and Rheumatology I .................................. Studio 105, Sunset Center
Infectious Diseases ...................................................... Room #6, Sunset Center
International and Immigrant Health Issues ....................... Sunset Center, Bingham Room #3
Morphogenesis and Malformations ................................. Carpenter Hall, Sunset Center
Neonatology Developmental Biology ................................ All Saints Church, Sanctuary
Neonatology General II ............................................. All Saints Church, Auditorium
Neurology and Hypertension ........................................ Conductor’s Room, Sunset Center
Pulmonary and Critical Care ....................................... Carmel Women’s Club
Cardiovascular II
Ocean Avenue Room, Pine Inn
Javier E. Lopez and Kevin D. O’Brien, Presiding

1:30 DISSECTING AORTIC ANEURYSM IN PKD.
S Sarkissian, Los Angeles, CA. University of Southern California
Abstract 163

1:45 LACK OF CORRELATION OF FIRST-YEAR CYLEX SCORES TO THE DEVELOPMENT OF CARDIAC ALLOGRAFT VASCULOPATHY SUGGESTS THE IMPORTANCE OF HUMORAL FACTORS.
M Rafiei, LK Stern, N Patel, M Hamilton and J Kobashigawa, Los Angeles, CA. Cedars-Sinai Heart Institute
Abstract 164

2:00 BEADED NECKLACE-LIKE IMAGE OBSERVED BY REAL-TIME THREE-DIMENSIONAL TRANSESOPHAGEAL ECHOCARDIOGRAPHY AS EVIDENCE OF BACTERIAL VEGETATIONS IN A DIALYSIS CATHETER.
SG Ponce and C Roldan, Albuquerque, NM. University of New Mexico
Abstract 165

2:15 ATENOLOL COMPOUNDING AND ATRIOVENTRICULAR BLOCK: A CASE REPORT.
J Wheeler, P Francis and J Kim, Madera, CA. Children’s Hospital Central California
Abstract 166

2:30 FIRST-YEAR BRAIN NATRIURETIC PEPTIDE (BNP) AS A BIOMARKER AFTER HEART TRANSPLANT FOR POOR OUTCOME AND PREDICTION OF THE SEVERITY OF CARDIAC ALLOGRAFT VASCULOPATHY (CAV).
R Shiozaki, M Rafiei, LK Stern, M Hamilton and J Kobashigawa, Los Angeles, CA. Cedars-Sinai Heart Institute
Abstract 167

2:45 IS HORMONE REPLACEMENT THERAPY IN POSTMENOPAUSAL WOMEN ASSOCIATED WITH POOR OUTCOME AFTER HEART TRANSPLANTATION?
L Kobashigawa, M Rafiei, LK Stern, M Hamilton and C Barrey Merz, Los Angeles, CA. Cedars-Sinai Heart Institute
Abstract 168

3:00-3:15 Intermission

3:15 OBESITY AND PROTECTION FROM CARDIAC ALLOGRAFT VASCULOPATHY: IS THE MYTH TRUE?
N Patel, M Rafiei, LK Stern, M Hamilton and J Kobashigawa, Los Angeles, CA. Cedars-Sinai Heart Institute
Abstract 169

3:30 THE POLICY OF PLACING OLDER DONORS INTO OLDER RECIPIENTS: IS IT WORTH IT?
A Merz, M Rafiei, LK Stern, M Hamilton and J Kobashigawa, Los Angeles, CA. Cedars-Sinai Heart Institute
Abstract 170

3:45 HAS THE VIRTUAL CROSSMATCH TRUELY DECREASED TIME ON THE HEART TRANSPLANT WAITING LIST FOR SENSITIZED PATIENTS?
D Lee, M Rafiei, LK Stern, M Hamilton and J Kobashigawa, Los Angeles, CA. Cedars-Sinai Heart Institute
Abstract 171

4:00 THE NATURAL HISTORY OF BIOPSY NEGATIVE REJECTION AFTER HEART TRANSPLANTATION.
Z Tang, M Rafiei, LK Stern, M Hamilton and J Kobashigawa, Los Angeles, CA. Cedars-Sinai Heart Institute
Abstract 172

4:15 INFECTIOUS COMPLICATIONS OF DESENSITIZATION THERAPY: IS THE CURE WORSE THAN THE DISEASE?
J Pellinen, H Wang and RH Eckel, Denver, CO.
Abstract 173

4:30 TRICUSPID REGURGITATION IN THE FIRST YEAR AFTER HEART TRANSPLANT: DOES IT MEAN GLOOM AND DOOM?
WC Maclellan, Goleta, CA and Los Angeles, CA. David Geffen School of Medicine at UCLA (WSMRF)
Abstract 174

4:45 EVALUATION OF LEFT TO RIGHT SHUNTING AS A CAUSE OF SLEEP APNEA.
S Bhombal, L Hastings and L Paquette, Los Angeles, CA. Children’s Hospital Los Angeles
Abstract 175

5:00 NEONATAL MATURITY AFFECTS SURVIVAL TO CARDIAC SURGERY.
S Bhombal, L Hastings and L Paquette, Los Angeles, CA. Children’s Hospital Los Angeles
Abstract 176

Endocrinology and Metabolism II
Church of the Wayfarer, Carlson Hall
Jane Reusch and Katya Rubinow, Presiding

1:15 EFFECTS OF LYSOSOMAL DEGRADATION INDUCERS ON IAPP TOXICITY IN PANCREATIC β-CELLS.
R Pinon, J Rivera, T Gurlo, C Huang, M Daval, P Butler and S Costes, Los Angeles, CA. Larry Hillblom Islet Research Center, David Geffen School of Medicine at UCLA (WSMRF)
Abstract 177

1:30 ATTENUATION OF ACUTE EXERCISE-INDUCED MITOCHONDRIAL BIOGENESIS AND OXIDANT DEFENSE IN A MODEL OF INSULIN RESISTANT DIABETES.
M Miller, L Knaub and JE Reusch, Aurora, CO and Denver, CO. University of Colorado School of Medicine
Abstract 178

1:45 SLEEP DISRUPTION IN PRE-OBESE MICE WITH ALTERED BRAIN LIPID METABOLISM PREDISPOSES TO WEIGHT GAIN.
J Pellon, H Wang and RH Eckel, Denver, CO. University of Colorado School of Medicine
Abstract 179

2:00 CORONIN 2A IS A DOCKING SITE FOR SUMOYLATED PEROXISOME PROLIFERATOR-ACTIVATED RECEPTOR GAMMA.
D Lee, M Rafiei, LK Stern, M Hamilton and J Kobashigawa, Los Angeles, CA. Cedars-Sinai Heart Institute
Abstract 180

2:15 IUGR INCREASES DNA METHYLATION OF THE PPAR-GAMMA PROMOTER 2 IN RAT VISCIERAL ADIPOSE TISSUE.
A Heglar, Y Wang, A Sainz, C Jiang, X Yu, C Callaway, R Lane and L Joss-Moore, Salt Lake City, UT. University of Utah (WAFMR/WSCI Subspecialty Award Winner)
Abstract 181
2:30 DIFFERENTIAL BRAIN, HORMONE, AND SATIETY RESPONSES TO GLUCOSE AND FRUCTOSE INGESTION.
K Page, J Arora, R Belfort-DeAguiar, RT Constable and R Sherwin, Los Angeles, CA and New Haven, CT. [Abstract 182]

2:45 EFFECTS OF FRUCTOSE ON GLUCOSE CONTRIBUTION TO FATTY ACID SYNTHESIS IN 3T3-L1 ADIPOCYTES.
JK Yee, A Martin, S Lim, J Vega, J Cohen, P Wahjudi and WP Lee, Torrance, CA. Harbor-UCLA Medical Center [Abstract 183]

3:00 – 3:15 Intermission

3:15 State-of-the-Art Speaker
ADIPOSE INFLAMMATION, THE EXTRACELLULAR MATRIX, AND INSULIN RESISTANCE.
Philip A. Kern, University of Kentucky Chandler Medical Center

3:45 CLINICAL PRESENTATION AND RESPONSE TO SOMATOSTATIN ANALOGUE TREATMENT - IMPORTANCE OF IMMUNOHISTOCHEMICAL GRANULATION PATTERN AND PRESENCE OF SOMATOSTATIN RECEPTOR SUBTYPE 2A IN GROWTH HORMONE SECRETING ADENOMAS.
J Brzana, C Yedinak, S Gultekin, J Delashaw and M Fleseriu, Portland, OR. Oregon Health and Science University [Abstract 186]

4:00 EFFECTIVENESS OF STANDARDIZATION OF COMMUNITY HEALTHCARE WORKERS WITH TRAINING PROGRAMS.
T Iwamoto and K Colleran, Albuquerque, NM. University of New Mexico School of Medicine [Abstract 184]

4:15 ASSESSING PHYSICIANS ATTITUDES TOWARDS COMMUNITY HEALTH CARE WORKERS AS MEMBERS OF THE DIABETES CARE TEAM.
B Jones, T Iwamoto and K Colleran, Albuquerque, NM. University of New Mexico [Abstract 188]

4:30 OROGASTRIC ZINC DECREASES INTESTINAL INFLAMMATION IN SHIGA TOXIN PRODUCING E. COLI INFECTION.
K Khirfan, W Byrd and E Boedeker, Albuquerque, NM. University of New Mexico [Abstract 190]

4:45 WILSON DISEASE: ABNORMAL METHIONINE METABOLISM AND THE ROLE OF INFLAMMATION AND STEATOSIS IN EARLY STAGES OF LIVER DISEASE.
M Dolatshahi, N Shibata, S Liu, C Halsted and V Medici, Davis, CA. University of California (WSMRF) [Abstract 191]

5:00 EVIDENCE OF DEFECT IN THE RELEASE OF TESTOSTERONE FROM XXY MOUSE TESTIS.
I Munir, Y Lue, C Wang, A Leung and RS Swerdloff, Torrance, CA. Harbor-UCLA Medical Center [WSFI Travel Award Winner] [Abstract 195]
### 3:30–3:30 Intermission

<table>
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<th>Time</th>
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<th>Author and Affiliation</th>
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<tr>
<td>3:30</td>
<td><strong>State-of-the-Art Speaker</strong> IMMUNOLOGY OF INFLAMMATORY BOWEL DISEASE.</td>
<td>Aida Habetzion, Stanford University</td>
</tr>
<tr>
<td>4:00</td>
<td>CROHN'S DISEASE AND ULCERATIVE COLITIS PATIENT EDUCATION AT A SUPPORT GROUP IN PLAINS, MONTANA.</td>
<td>T Blaskovich, Seattle, WA. University of Washington School of Medicine</td>
</tr>
<tr>
<td>4:15</td>
<td>WILDERNESS MEDICINE CAREER DAY FOR TEENS IN RED LODGE, MONTANA.</td>
<td>C Gallagher, Seattle, WA. University of Washington School of Medicine</td>
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<tr>
<td>4:30</td>
<td>PREVENTION OF DIARRHEA AND INTESTINAL PARASITOSIS THROUGH COMMUNITY EDUCATION IN BELÉN, PERU.</td>
<td>IT Smith, Seattle, WA. University of Washington School of Medicine</td>
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<tr>
<td>4:45</td>
<td>COMBATING MALNUTRITION IN AT-RISK CHILDREN UNDER FIVE IN RURAL UGANDA THROUGH NUTRITION EDUCATION.</td>
<td>S Mirza, Seattle, WA. University of Washington</td>
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### Health Care Education and Communication

Sunset Center, Rehearsal Room

Jay Erickson, Presiding

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<tr>
<td>1:30</td>
<td>A TEAM-BASED APPROACH TO DIABETES MANAGEMENT AT A LONG TERM CARE FACILITY.</td>
<td>J Geyer, Seattle, WA. University of Washington School of Medicine</td>
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<td>1:45</td>
<td>COMMUNITY ADVISOR GROUPS' PERSPECTIVES ON BARRIERS AND FACILITATORS TO ACCESSING PEDIATRIC CANCER SURVIVORSHIP CARE.</td>
<td>S Morales, M Doose-Peña, R Millan, M Pérez, F Enriquez, E Barboa and J Casillas, Los Angeles, CA and Toluca Lake, CA. David Geffen School of Medicine at UCLA (WSMRF)</td>
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<td>2:00</td>
<td>OVERCOMING BARRIERS OF PRESCRIPTION ADHERENCE: A MULTIFACETED APPROACH.</td>
<td>T Seimears, Seattle, WA. University of Washington School of Medicine (WAFMR)</td>
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<td>2:15</td>
<td>FREQUENCY AND PREDICTORS OF PATIENT ATTITUDES TOWARDS FULL BODY SKIN EXAMINATIONS.</td>
<td>L Tong and M Chiu, Los Angeles, CA. David Geffen School of Medicine at UCLA</td>
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<td>2:30</td>
<td>ASSESSMENT AND IMPROVEMENT OF PRE-DEPARTURE TRAINING FOR MEDICAL STUDENTS AND RESIDENTS ON GLOBAL HEALTH PROJECTS.</td>
<td>University of British Columbia</td>
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<td>2:45</td>
<td>AM I MAKING MYSELF CLEAR? BARRIERS TO PATIENT-DOCTOR COMMUNICATION WHILE USING PHONE INTERPRETERS IN A MEDICAL HOME FOR AT-RISK CHILDREN.</td>
<td>R Zaw, C Faulkenberry, C Ortiz, C Gibson and S Yang, Fresno, CA. University of California, San Francisco-Fresno</td>
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<td>3:00</td>
<td>IS THE 2002 FRENCH ADOPTION OF A NO-FAULT MEDICAL MALPRACTICE MODEL CONSISTENT WITH EVERETT ROGERS DIFFUSION OF INNOVATIONS THEORY?</td>
<td>D Alden and J Eldredge, Albuquerque, NM. University of New Mexico School of Medicine</td>
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### 3:15–3:30 Intermission
Health Care Research II
Sunset Center, Promenade Lobby
Natali Aziz, Presiding

1:30 TDAP VACCINATION RATES IN POSTPARTUM WOMEN FOLLOWING IMPLEMENTATION OF TDAP IMMUNIZATION HISTORY REMINDER IN ELECTRONIC MEDICAL RECORDS.
N Aziz, A Yeaton-Massey, R Balise, M Norton and L Brodzinsky, Stanford, CA. Stanford University School of Medicine/Lucile Packard Children's Hospital (WSCI Travel Award Winner)

1:45 INVESTIGATION OF COMPETING CRITERIA FOR CATHETER-ASSOCIATED URINARY TRACT INFECTIONS USING A NOVEL ELECTRONIC SURVEILLANCE TOOL.
P Sungur, R Jain, A Stapleton, M Granich, R Olsen and P Pottinger, Seattle, WA. University of Washington (WSMRF)

2:00 INCIDENCE OF ACRAL SURFACE INSPECTION FOR DETECTION OF ACRAL LENTIGINOUS MELANOMA IN ETHNIC AND CAUCASIAN POPULATIONS.
M Tsai, M Chiu and L Young, Los Angeles, CA. David Geffen School of Medicine at UCLA (WSMRF)

2:15 CAN TOOLS FROM BEHAVIORAL ECONOMICS AND SOCIAL PSYCHOLOGY HELP TO CONTROL CHRONIC DISEASES?
B Mogler, M Shapiro, S Shu, C Fox and N Goldstein, Los Angeles, CA. David Geffen School of Medicine at UCLA

2:30 EFFECT OF PHYSICIAN FOLLOW-UP AND SPECIALTY DIFFERENCES ON 30-DAY READMISSION FOR HEART FAILURE PATIENTS.
D Jang, H Xu, J Escarce and M Ong, Los Angeles, CA. David Geffen School of Medicine at UCLA (WAFMR/ WSCI Subspecialty Award Winner) (WSMRF)

2:45 CHRONIC DISEASE EDUCATION NEEDS OF DISCHARGED EMERGENCY DEPARTMENT PATIENTS.
E Bautista and K Jobe, Seattle, WA. University of Washington (WSMRF)

3:00 METHODS AND DESIGN OF THE BLOOD PRESSURE IN DIALYSIS (BID) STUDY: A RANDOMIZED CONTROLLED TRIAL OF INTENSIVE CONTROL OF SYSTOLIC BLOOD PRESSURE IN HEMODIALYSIS PATIENTS.
A Gul, D Miskulin, J Gassman, B Horowitz, A Harford and P Zager, Albuquerque, NM; Boston, MA and Cleveland, OH. University of New Mexico

3:15–3:30 Intermission

3:30 THE ABCS OF HOSPITALIZED PATIENTS: A MULTIDISCIPLINARY CHECKLIST TO IMPROVE QUALITY OF INPATIENT CARE.
C Perkins and N Afzar-Manesh, Los Angeles, CA. David Geffen School of Medicine at UCLA

3:45 COMPARING THE EFFECTIVENESS OF OPEN AND CLOSED-ENDED QUESTIONING MODELS IN PATIENTS PRESENTING TO THE EMERGENCY DEPARTMENT WITH THE CHEST COMPLAINT:
T Parry, Loma Linda, CA. Loma Linda University (WSMRF)

4:00 ARE PSORIASIS PATIENTS BEING SCREENED FOR CARDIOVASCULAR RISK FACTORS? A STUDY OF AWARENESS AND SCREENING PRACTICES AMONG PRIMARY CARE PHYSICIANS AND CARDIOLOGISTS.
EA Brezinski, KK Parsi, T Lin, C Li and AW Armstrong, Sacramento, CA and Mesa, AZ. University of California Davis, School of Medicine (WSMRF)

4:15 TWO-YEAR ABSTINENCE OF CIGARETTE SMOKERS ENROLLED IN AN OUT-PATIENT TOBACCO DEPENDENCE TREATMENT PROGRAM.
SJ Chung, M Debay, D Woo and L Ferry, Loma Linda, CA. Loma Linda University School of Medicine

4:30 CHIEF COMPLAINTS OF FREQUENT EMERGENCY DEPARTMENT UTILIZERS AND PREVALENCE OF SUBSTANCE ABUSE AND PSYCHIATRIC DISORDERS.
M Dang, M Layton, D Neven, D Howell and J Roll, Seattle, WA and Spokane, WA. University of Washington

4:45 MCI TRIAGE: ASSESSMENT OF PROVIDER PERFORMANCE IN KING COUNTY, WA.
K Kenningham and M King, Seattle, WA. University of Washington

Hematology Oncology and Surgery
Sunset Center, Chapman Room #4
Mary Barinaga, Presiding

1:30 FACTORS ASSOCIATED WITH LOCAL-REGIONAL FAILURE AFTER DEFINITIVE CHEMORADIATION FOR LOCALLY ADVANCED ESOPHAGEAL CANCER.
A Amini, JW Welsh, PK Allen, L Xiao, A Suzuki, Y Hayashi, M Blum, W Hofstetter, R Komaki, Z Liao, JH Lee, MS Bhutani and JA Ajani, Houston, TX and Irvine, CA. University of Texas MD Anderson Cancer Center

1:45 THE NOISE POWER SPECTRUM OF AN EXPERIMENTAL PROTON CT SCANNER.
BM Black, RF Hurley and RW Schulte, Loma Linda, CA. Loma Linda University

2:00 INTRAHEPATIC GAS GANGRENE ARISING FROM PUNCTURE WOUND.
J Chi and M Goecke, Vancouver, BC, Canada. University of British Columbia

2:15 EXPERIENCE WITH A NEW INTEGRATED NEGATIVE PRESSURE WOUND THERAPY SYSTEM WITH VOLUMETRIC AUTOMATED FLUID INSTILLATION IN AT-RISK WOUNDS.
S Huberry and A Gabriel, Vancouver, WA. University of Washington

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2:30 **ANTERIOR LUMBAR INTERBODY FUSION L5/S1 HAS NO EFFECT ON SPINOPELVIC PARAMETERS IN THE SETTING OF ADULT DEGENERATIVE SCOLIOSIS.**
A Movva, Y Hagar, RF Roberto, MC Gupta and EO Klineberg, Sacramento, CA. *University of California, Davis School of Medicine (WSMRF)*

2:45 **OCULAR BIOCOMPATIBILITY OF NITINOL.**
N Nghiem, DA Ammar, JM Petrash and JL Olson, Denver, CO and Aurora, CO. *University of Colorado Denver*

3:00 **AUTOMATED BRIGHTNESS CONTROL FLUOROSCOPY SETTINGS WITH SHIELDING INCREASES RADIATION EXPOSURE TO SURROUNDING UNSHIELDED TISSUES.**
K Nguyen, DL Smith, DC Arnold, AE Schlaifer, KM Anderson, JP Heldt, JE Fargusson, MA Fargusson, HJ Wagner, IN Wahjudi, JC Smith and DD Baldwin, Loma Linda, CA. *Loma Linda University*

**3:15–3:30 Intermission**

3:30 **RASSF1C DECREASES MST1/2 ACTIVATION.**
AE Palma, C Poh, M Alfakhouri, Y Amaar and M Reeves, Loma Linda, CA. *Loma Linda University School of Medicine*

3:45 **ASSESSMENT OF GLUTAREDOXIN 5 GENE EXPRESSION IN HUMAN BREAST AND LUNG CANCER CELLS.**
C Poh, A Palma, M Alfakhouri, Y Amaar and ME Reeves, Loma Linda, CA. *Loma Linda University*

4:00 **DEVELOPMENT OF A PATIENT-SPECIFIC TWO-COMPARTMENT ANTHROPOMORPHIC BREAST PHANTOM.**
ND Prionas, GW Burkett, SE McKenney and JM Boone, Sacramento, CA. *University of California, Davis (WSMRF)*

4:15 **STEREOTACTIC RADIATION FOR THE TREATMENT OF VESTIBULAR SCHWANNOMA: TUMOR CONTROL AND HEARING PRESERVATION.**
M Spasic, P Pezeshkian, B Fong, W Choy, T Soleymani, D Nagasawa, G Barkhoudarian, A Gorgulho, A De Salles and I Yang, Los Angeles, CA and Irvine, CA. *David Geffen School of Medicine at UCLA (WSMRF)*

4:30 **CHANGES IN APPARENT DIFFUSION COEFFICIENT, LATERAL VENTRICULAR VOLUME, AND EXTENT OF T2 PERIVENTRICULAR HYPERINTENSITY AFTER ENDOSCOPIC THIRD VENTRICULOSTOMY IN CHILDREN.**
CK Tong, AT Byrne, MA Sargent and DD Cochrane, Vancouver, BC, Canada. *University of British Columbia and BC Children’s Hospital*

**Immunology and Rheumatology I**
Sunset Center, Studio 105
Richard Weisbart and Emil Heinze, Presiding

1:30 **LUNG IMAGING ABNORMALITIES IN HEALTHY SUBJECTS SUGGESTING THE LUNG MAY BE AN INITIATING SITE OF INFLAMMATION IN RHEUMATOID ARTHRITIS.**
M Demoruelle, M Weisman, L Derber, J Kolfenbach, C Striebich, I Pedraza, A Harrington, D Lynch, P Sachs, J Norris, V Holers and K Deane, Aurora, CO; Los Angeles, CA and Denver, CO. *University of Colorado School of Medicine*

1:45 **TLR9 EXPRESSION ON B CELL SUBSETS IN NORMAL AND AUTOIMMUNE PERIPHERAL BLOOD.**
K Nazeri, A Weldon, A Benitez, K Colburn and K Payne, Loma Linda, CA. *Loma Linda University Medical Center (WSCI Travel Award Winner)*

2:00 **State-of-the-Art Speaker**
ANTI-DNA ANTIBODIES IN SLE: THE GOOD AND THE BAD.
James E. Hansen, Yale University

**2:30–2:45 Intermission**

2:45 **RHEUMATOID ARTHRITIS-ASSOCIATED LUNG DISEASE WITHOUT CLINICAL ARTHRITIS?**
A Bagley, K Demoruelle, M Schwarz, C Cool and K Deane, Aurora, CO. *University of Colorado*

3:00 **THE ROLE OF BAX INHIBITION IN THE DEVELOPMENT OF POSTTRAUMATIC OSTEOARTHRITIS OF THE KNEE IN MICE.**
A Mehta and S Chen, Loma Linda, CA. *Loma Linda University*

3:15 **PNEUMOCYSTIS JIROVECI PNEUMONIA IN A PATIENT WITH NEWLY DIAGNOSED SYSTEMIC LUPUS ERYTHEMATOSIS.**
A Kahr, K Demoruelle, K Deane, A Fischer and S West, Denver, CO. *University of Colorado School of Medicine*

3:30 **ALCOHOL URTICARIA SYNDROME.**
JW Wong, K Harris and D Powell, San Francisco, CA and Salt Lake City, UT. *University of Utah School of Medicine*
Infectious Diseases
Sunset Center, Room # 6
Frederick Buckner and Fred Sattler, Presiding

1:30 NOVEL LENSFREE MICROSCOPE TECHNOLOGY BASED ON SHADOW IMAGING FOR THE DETECTION OF GIARDIA LAMBLIA OOCYSTS IN STOOL.
SM Nadipuram, O Mudanyali, A Ozcan and K Nielsen, Los Angeles, CA. David Geffen School of Medicine at UCLA (WSCI Travel Award Winner)

1:45 IMAGING OF MALARIA PARASITES USING PORTABLE LENSFREE MICROSCOPES.
O Mudanyali, W Bishara, S Nadipuram, U Sikora, T Su, O Yaglidere, R Ramasawmy, K Nielsen and A Ozcan, Los Angeles, CA and Manaus, Brazil. David Geffen School of Medicine at UCLA

2:00 REVIEW OF TRANSMITTED DRUG-RESISTANT HIV IN RESOURCE-LIMITED COUNTRIES.
KM Stadeli and DD Richman, La Jolla, CA and San Diego, CA. University of California San Diego School of Medicine

2:15 BUMPED KINASE INHIBITORS BLOCK MALARIA TRANSMISSION TO MOSQUITOES.
RC Murphy, KK Ojo, O Billker, W Van Voorhis and DJ Maly, Seattle, WA and Hinxton, United Kingdom. University of Washington (WAFMR/WSCI Subspecialty Award Winner)

2:30 HEPATITIS B VIRUS CO-INFECTION IN HUMAN IMMUNODEFICIENCY VIRUS POSITIVE FEMALE SEX WORKERS IN MONMBASA, KENYA: A PROSPECTIVE COHORT STUDY.

2:45 VIRAL GASTROENTERITIS IN CHILDREN IN COLORADO: A STOOL STORY.
CM Osborne, C Robinson, S Schultz-Cherry and SR Dominguez, Aurora, CO and Memphis, TN. University of Colorado School of Medicine

3:00 CONFIDENTIALITY AND ACCESS TO SERVICES: PATIENT SATISFACTION AND SERVICE STRENGTHENING AT DESMOND TUTU HIV FOUNDATION YOUTH CENTRE CLINIC, MASIPHUMELELE TOWNSHIP, CAPE TOWN, SOUTH AFRICA.
S Young, L Aquino, R Hoffman, W Dyani, T Coates and L Bekker, Los Angeles, CA and Cape Town, South Africa. David Geffen School of Medicine at UCLA (WSMRF)

3:30 DECREASED T-HELPER 1 AND T-HELPER 2 CYTOKINE PRODUCTION BY CORD BLOOD MONONUCLEAR CELLS MAY CONTRIBUTE TO NEONATAL INFECTIONS.
JE Caron, TR La Pine, NH Augustine, TB Martins, A Wilson and HR Hill, Salt Lake City, UT. University of Utah

3:45 PEDIATRIC COCCIDIOIDOMYCOSIS IN CENTRAL CALIFORNIA: A RETROSPECTIVE CASE SERIES.
L Demetral, AM Bowser and J McCarty, Fresno, CA. University of California, San Francisco, Fresno

4:00 ATYPICAL PRESENTATION OF REACTIVE ARTHRITIS FOLLOWING AN OUTBREAK OF SALMONELLA ENTERICA.
E Umvaro, G Sutamtewagul and S Phisitkul, Lubbock, TX. Texas Tech University Health Science Center

4:15 DEPRESSION IS COMMON IN TB PATIENTS AND IS ASSOCIATED WITH TREATMENT ABANDONMENT.
DM Karlin, C Evans, C Loiselle, K Zevallos, F Fernandez, N Allen, R Montoya and D Boccia, Los Angeles, CA; London, United Kingdom and Lima, Peru. David Geffen School of Medicine at UCLA (WAFMR/WSCI Subspecialty Award Winner) (WSMRF)

4:30 State-of-the-Art Speaker
DRUG DISCOVERY IN ACADEMIA FOR PARASITIC DISEASES.
Frederick S. Buckner, University of Washington

International and Immigrant Health Issues
Sunset Center, Bingham Room #3
Tom Nighswander, Presiding

1:30 A COMMUNITY-BASED DIABETES EDUCATION EVENT FOR THE HISPANIC POPULATION OF WEISER, IDAHO.
J Connell, Seattle, WA. University of Washington School of Medicine (WSMRF)

1:45 A CULTURALLY-APPROPRIATE NUTRITIONAL GUIDE FOR THE DIABETIC HISPANIC COMMUNITY IN BREWSTER, WA.
VF Dias, Seattle, WA. University of Washington School of Medicine

2:00 AN APPROACH TO PRIMARY CARE IN UNDER-SERVED RURAL KENYA.
J Evans and K Mueller, Vancouver, BC, Canada. University of British Columbia

2:15 CHALLENGES OF BICYCLE DISTRIBUTION IN RURAL WESTERN KENYA: A LOOK AT SUSTAINABILITY.
2:30 LOST IN TRANSLATION: IMPROVING QUALITY OF CARE THROUGH BILINGUAL PATIENT EDUCATION.
J Foss, Seattle, WA. University of Washington School of Medicine

2:45 PREVENTING COGNITIVE DECLINE AND SOCIAL ISOLATION IN ASIAN/PACIFIC ISLANDER ELDERLY IN SEATTLE, WA.
S Lin, Seattle, WA. University of Washington School of Medicine (WSMRF)

3:00 TREATING MEN WHO HAVE SEX WITH MEN (MSM) IN URBAN PERU: A COMPARISON OF HEALTHCARE ACCESS, DELIVERY AND PERCEPTION IN 3 UNIQUE CLINICAL SETTINGS.
C Redgate, J Clark and A Perez-Brumer, Los Angeles, CA. David Geffen School of Medicine at UCLA

3:15–3:30 Intermission

3:30 LOW-COST CLOUD-BASED REMOTE AUSCULTATION.
K Sarma, P Xia, J Lin, A Tan, J Bunn and KM Chandy, Los Angeles, CA; Pasadena, CA and Pittsburgh, PA. David Geffen School of Medicine at UCLA (WSMRF)

3:45 IMPROVING HIV SERVICES IN A RURAL KENYAN SETTING.
R Yang and A Mai, Vancouver, BC, Canada. University of British Columbia

4:00 DISSEMINATION THROUGH COMMUNITY HEALTH CENTERS SERVING DIVERSE POPULATIONS - A PILOT STUDY.
M Christopher, J Edelson and S Tu, Seattle, WA. University of Washington (WSMRF)

4:15 CHANGES IN MEDICAL EDUCATION IN UGANDA SINCE 2005.
A Gayman, J Kamulegeya, M Nakibuuka, A Hagopian and S Luboga, Seattle, WA and Kampala, Uganda. University of Washington School of Medicine (WSMRF)

Morphogenesis and Malformations
Sunset Center, Carpenter Hall
Anita E. Beck and Alan Rope, Presiding

1:30 PERIPHERAL MUSCLE WEAKNESS IN RASOPATHIES.
D Stevenson, S Allen, W Tidyman, J Carey, D Viskochil, A Stevens, H Hanson, X Sheng, B Thompson, M Okumura, K Reinker, B Johnson and K Rauen, Salt Lake City, UT; San Francisco, CA and San Antonio, TX. University of Utah (WSPR)

1:45 MAPPING GLUCOSE TRANSPORTER-1 POSITIVE NERVE FIBERS IN THE TRANSITIONAL ZONE OF HIRSCHSPRUNG DISEASE.
A Kennedy and R Kapur, Seattle, WA. University of Washington School of Medicine (WSPR Abbott Nutrition Lowell Glasgow Student Research Award)

2:00 MARSHALL-SMITH SYNDROME PATIENT WITH UNREPORTED FINDINGS AND POSITIVE NFIX MUTATION ANALYSIS.
E Leon, JC Carey, N Longo, S Jeffrey and D Viskochil, Salt Lake, UT. University of Utah (WSPR Mead Johnson Travel Award Winner)

2:15 CONGENITAL DIAPHRAGMATIC HERNIA AND GONADAL DYSGENESIS – A VERY RARE ASSOCIATION.
E Esplin, A McKenney and JA Bernstein, Stanford, CA. Stanford University Medical Center

2:30 NUCHAL THICKENING AND CYSTIC HYGROMAS: PREDICTING POSTNATAL OUTCOMES FROM PRENATAL ULTRASOUND.
BO Longstreet, K Balikrishnan, J Perkins, B Saltzman and M Dighe, Seattle, WA. University of Washington School of Medicine (WSPR Subspecialty Award Winner) (WSMRF)

2:45 CONSIDERING A VASCULAR PATHOGENESIS OF SMALL INTESTINAL ATRESIA: RISKS ASSOCIATED WITH 32 SINGLE NUCLEOTIDE POLYMORPHISMS INVOLVED IN HOMOCYSTEINE METABOLISM, COAGULATION, CELL-CELL INTERACTIONS, INFLAMMATORY RESPONSE, AND BLOOD PRESSURE REGULATION.
T Gupta, W Yang, DM Iovannisci, SL Carmichael, DK Stevenson, GM Shaw and EJ Lammer, La Jolla, CA; Stanford, CA and Oakland, CA. University of California, San Diego (WSMRF)

3:00 CHROMOSOMAL Mosaicism Identified by ACGH: A CASE OF TETRASOMY 12P.
A Myers, JA Bernstein, A Cherry and MA Manning, Stanford, CA. Stanford University

3:15–3:30 Intermission

3:30 State-of-the-Art Speaker
THE CHROMOSOME 22q11.2 DELETION SYNDROME.
Alan F. Rope, University of Utah School of Medicine

4:00 UP-REGULATION OF TFA2PC BY FGF DURING SHH INDUCTION IN LIMP BUDS.
DJ Kim, CU Pira and KC Oberg, Loma Linda, CA. Loma Linda University School of Medicine (WSMRF)

4:15 MOLECULAR INTERMEDIATES IN THE INDUCTION OF SHH BY FGF DURING LIMP DEVELOPMENT.
EP Hundley, CU Pira and KC Oberg, Loma Linda, CA. Loma Linda University

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4:30  IDENTIFICATION OF A REGULATORY REGION WITHIN THE EMX2 LOCUS THAT IS ACTIVE IN THE NEURAL TUBE AND DEVELOPING LIMB.
JP Schober, CU Pira and KC Oberg, Loma Linda, CA. Loma Linda University

Neonatology Developmental Biology
All Saints Church, Sanctuary
Carlos Ramos and Robert Lane, Presiding

1:00  MATERNAL LOW PROTEIN DIET-MEDIATED CHANGES IN THE LIVER RENIN-ANGIOTENSIN SYSTEM.
T Kim, R Goyal and LD Longo, Loma Linda, CA. Loma Linda University (WSMRF)

1:15  MATERNAL PROTEIN DEPRIVATION AND LIVER ANGIOTENSIN II RECEPTOR EXPRESSION IN THE DEVELOPMENT OF HYPERTENSION.
D Fisher, R Goyal and LD Longo, Loma Linda, CA. Loma Linda University

1:30  METHYLATION IN REGIONS OF EXECUTIVE FUNCTION IN THE DEVELOPING HUMAN BRAIN.
C Wilson, N Harlaar, J Phillips, S McConaghy, M Morgan and RK Ohls, Albuquerque, NM. University of New Mexico (WSPR Subspecialty Award Winner)

1:45  SR-1 ANTIBODY EXHIBITS DOSE DEPENDENT INHIBITION OF HUMAN UMBILICAL CORD BLOOD CD34+ HEMATOPOIETIC PROGENITOR COLONY FORMATION.
KL Ponder, CI Lee, K Nakayama, D Prater, MC Yoder and AF Tarantal, Sacramento, CA; Davis, CA and Indianapolis, IN. University of California, Davis Medical Center (WSPR Pediatric Resident Research Award Winner (WSMRF)

2:00  A COMPARATIVE STUDY OF PLURIPOTENCY MARKERS IN EMBRYONIC STEM CELLS AND INDUCED PLURIPOTENT STEM CELLS.
DC Julien, K Verma and E Zambridis, Seattle, WA and Baltimore, MD. University of Washington School of Medicine

2:15  INSULIN LIKE GROWTH FACTOR-1 VARIANTS IN THE LIVER ARE ALTERED IN A GENDER SPECIFIC MANNER IN INTRAUTERINE GROWTH RESTRICTED RATS ON A HIGH FAT DIET COMPARED TO CONTROLS.
J Zalla, E Zinkhan, L Joss-Moore and RH Lane, Salt Lake City, UT. University of Utah

2:30  MATERNAL DHA SUPPLEMENTATION NORMALIZES EFFECTS OF IUGR ON HEPATIC STEATOSIS AND HEPATIC PPARY2 MRNA IN JUVENILE MALE RATS.
B Lang, Y Wang, C Jiang, X Yu, C Callaway, K Albertine, L Joss-Moore and R Lane, Salt Lake City, UT. University of Utah (WSPR Mead Johnson Travel Award Winner)

2:45  EFFECT OF LEPTIN ON PERTURBED HYPOTHALAMIC NEUROPEPTIDE EXPRESSION AND ENERGY BALANCE IN PERINATAL CALORIE RESTRICTION.
L Gibson, B Shin, Y Dai and S Devaskar, Los Angeles, CA. David Geffen School of Medicine at UCLA

3:00–3:15 Intermission

3:15  INTRAUTERINE GROWTH RESTRICTION INCREASES MRNA LEVELS OF CARDIAC GENES IN ADULTHOOD.
R Bierer, J Wang, X Yu, C Callaway, L Joss-Moore, R McKnight and R Lane, Salt Lake City, UT. University of Utah

3:30  State-of-the-Art Speaker
THE PATHOLOGY OF NEONATAL PULMONARY HYPERTENSION.
Carlos G. Ramos, University of New Mexico

4:00  USING ZEBRAFISH TO MODEL WHITE MATTER DISORDERS: A FOCUS ON OLIGODENDROCYTES.
K Leasia, Aurora, CO. University of Colorado School of Medicine

4:15  CARNOSSOL SUPPLEMENTATION DURING CRYOPRESERVATION PREVENTS DNA DAMAGE IN HUMAN SPERMATOZOA.
JH Wang and CH Muller, Seattle, WA. University of Washington School of Medicine

4:30  FGFR-INDUCED ACTIVATION OF THE LIMP SPECIFIC SHH REGULATORY REGION (LSSRR).
TW Bailey, C Pira and K Oberg, Loma Linda, CA. Loma Linda University (WSMRF)

4:45  IDENTIFICATION OF A PROTEOLYTIC-ASSOCIATED REGULATORY REGION ACTIVE DURING CENTRAL NERVOUS SYSTEM DEVELOPMENT.
AV Hong, JM Feenstra, CU Pira and KC Oberg, Loma Linda, CA. Loma Linda University (WSMRF)

Neonatology General II
All Saints Church, Auditorium
Camille Fung and Robert L. Schelonka, Presiding

1:00  AMINO ACIDS ENHANCE GLUCOSE STIMULATED INSULIN SECRETION AND ARGinine STIMULATED GLUCAGON SECRETION IN THE OVINE FETUS.
M Gadlia, A Maliszewski, M O’Meara, S Thom, J Lavezzi, W Hay, L Brown and P Rozance, Denver, CO. University of Colorado (WSPR Mead Johnson Travel Award Winner)
1:15 PROLONGED INFUSION OF AMINO ACIDS INCREASES LEUCINE OXIDATION IN THE OVINE FETUS.
A Maliszewski, M Gadzia, M O'Meara, S Thorn, W Hay, P Rozance and L Brown, Denver, CO. University of Colorado

1:30 THE EFFECTS OF ACIDIFICATION ON HUMAN MILK’S CELLULAR AND NUTRITIONAL PROPERTIES.
TA Erickson, G Gill and GM Chan, Salt Lake City, UT. University of Utah

1:45 IUGR INCREASES HEPATIC CHOLESTEROL LEVELS WITHOUT CHANGING SREBP2 AND HMGCOS REDUCTASE MRNA LEVELS IN FEMALE RATS FED A HIGH CHOLESTEROL DIET.
E Zinkhan, J Chinn, X Yu, C Jiang, C Callaway, L Joss-Moore and R Lane, Salt Lake City, UT. University of Utah

2:00 AN INTERVENTION TO INCREASE BREASTMILK USAGE IN VERY LOW BIRTH WEIGHT INFANTS ACROSS CALIFORNIA NICUS.
HC Lee, P Kurton, B Danielsen and P Sharek, Pleasanton, CA; Stanford, CA; and San Diego, CA. University of California San Francisco

2:15 LIMITING FEEDING CHANGES APOPTOSIS AND PROLIFERATION IN THE LIVER OF PRETERM LAMBS SUPPORTED BY NASAL HIGH-FREQUENCY VENTILATION.
C Block, J Jewel, A Smith, J Alvord, B Houston, J Wimmer, S Jensen, L Dong, MJ Dahl, DM Null, BA Yoder, R DiGeronimo, RH Lane and KH Albertine, Salt Lake City, UT. University of Utah (WSPR Subspecialty Award Winner) (WSMRF)

2:30 ENDOTHELIAL PR REGULATES UTERINE NEUTROPHIL TRAFFICKING.
JM Enciso, L Goddard and M Iruela-Arispe, Los Angeles, CA. David Geffen School of Medicine at UCLA

2:45 MATERNAL AND INFANT CAROTENOID STATUS: BIRTH TO 4 MONTHS OF AGE.
J Sun, M Ward, C Rau and GM Chan, Salt Lake City, UT. University of Utah

3:00 RATES OF VITAMIN D AND IRON SUPPLEMENTATION AMONG FORMER VERY PRETERM (≥32 WEEKS) INFANTS AFTER DISCHARGE FROM THE NEONATAL INTENSIVE CARE UNIT.  
A Kim, K Eisdon, J Lee, A Tremaine, G Lee and K Houglund, Loma Linda, CA. Loma Linda University School of Medicine

3:15 3:30 Intermission

3:30 RATES OF BREAST FEEDING IN HIGH RISK INFANTS.
J Lee, A Kim, K Eisdon, G Lee, A Tremaine and K Houglund, Loma Linda, CA. Loma Linda University

3:45 RATES OF TRANSITIONAL FORMULA USE IN PRETERM NEONATAL INTENSIVE CARE GRADUATES.
K Eisdon, J Lee, A Kim, G Lee, A Tremaine and K Houglund, Loma Linda, CA. Loma Linda University School of Medicine

4:00 ANTENATAL METYRAPONE NORMALIZES MATERNAL FOOD-RESTRICTION-INDUCED MYOGENIC LUNG PHENOTYPE.
D Paek, Y Li, R Sakurai, J Torday and VK Rehan, Torrance, CA. Harbor UCLA Medical Center

4:15 EFFECT OF A LOW DOSE OF ZINC DEUTEROPORPHYRIN BIS GLYCOL IN INHIBITING HEME OXYGENASE ACTIVITY AFTER HEME-LOADING.
Y Katayama, FS Kalish, H Zhao, RJ Wong and DK Stevenson, Stanford, CA. Stanford University School of Medicine

4:30 IN VITRO BILIRUBIN PHOTODESTRUCTION ACTION SPECTRUM REVISITED.
S Schul, DK Stevenson, R Wong, B Cline and DK Stevenson, Stanford, CA. Stanford University School of Medicine

4:45 DOSAGE OF PENTOBARBITAL ALTERS APOPTOSIS AND PROLIFERATION IN THE LUNG, BRAIN, AND LIVER OF CHRONICALLY VENTILATED PRETERM LAMBS.
B Houston, J Jewel, J Alvord, J Wimmer, C Block, S Jensen, L Dong, MJ Dahl, RA McKight, DM Null, BA Yoder, R DiGeronimo, RH Lane and KH Albertine, Salt Lake City, UT. University of Utah

5:00 A CASE OF ARTERIAL THROMBOEMBOLISM CAUSED BY DISSEMINATED INTRAVASCULAR COAGULATION IN A NEONATE.
S Kim, S Oh and S Park, Bucheon, Korea, Republic of. Soonchunhyang University

Nephrology and Hypertension
Sunset Center, Conductor’s Room
Susanne Nicholas and Charles Edelstein, Presiding

1:30 PROLYL-OLIGopeptideInHIBITION AMELIORATES EXPERIMENTAL HYPERTENSION AND DECREASES INFLAMMATORY CYTOKINES IN MICE LACKING ANGIOTENSIN CONVERTING ENZYME N DOMAIN ACTIVITY.
FS Ong, K Bernstein and S Fuchs, Los Angeles, CA. Cedars-Sinai Medical Center (WSCI Travel Award Winner)

1:45 RENAL PROTECTION FROM COLD ISCHEMIA IN HIBERNATING MAMMALS.
A Jani, S Jain and C Edelstein, Denver, CO. University of Colorado Denver

2:00 IMPROVING DECREASED DONOR TRANSPLANTATION FOR HIGHLY-HLA SENSITIZED PATIENTS.
SC Jordan, N Reinsmoen, C Lai, K Cao, JA Kahwaji, AA Peng, R Villicana and AA Voa, Los Angeles, CA. Cedars-Sinai Medical Center (WAP WSPR)

2:15 THE EFFECTS OF ETHNICITY ON ASSOCIATION BETWEEN C-REACTIVE PROTEIN AND KIDNEY FUNCTION IN PATIENTS WITH DIABETES.
SK Sinha, SB Nicholas, M Shaheen and D Pan, Los Angeles, CA. Charles R. Drew University of Medicine and Science
2:30 Glomerulosclerosis predicts renal function following liver transplantation.
J Huskey, R Pichler and C Davis, Seattle, WA. University of Washington

2:45 Sodium thiosulfate.
D Patel, E Burns and J Hall, Kansas City, MO. University of Missouri-Kansas City

3:00–3:15 Intermission

3:15 State-of-the-Art Speaker
The bottlenecks for stem cell and kidney transplant protocols.
Connie Davis, University of Washington

4:00 Case report: bilateral obstructive uric acid calculi in a 7 year old boy on the COG 9952 REGB protocol for treatment of low grade astrocytoma.
L Harper, J Masterson and J Mickelson, Vancouver, BC, Canada. University of British Columbia

4:15 Maternal protein deprivation mediated changes in the liver renin-angiotensin system.
S Wirawan, R Goyal and LD Longo, Loma Linda, CA. Loma Linda University School of Medicine (WSMRF)

Pulmonary and Critical Care
Carmel Women’s Club
Michel Boivin, Presiding

1:30 Comparison of two-rescuer bag-valve-mask ventilation techniques on an airway manikin.
MS Anderson, W Rowland and D Braude, Albuquerque, NM. University of New Mexico (WSMRF)

1:45 Effect of endotoxic shock and ECMO on regional blood flow.
A Klui, S Batts, S McEntire and C Uyehara, Honolulu, HI. Tripler Army Medical Center

2:00 Relationship between pulmonary vascular volume and lung structure and function in humans.

2:15 Effects of non-steroidal anti-inflammatory drugs on the hypoxic ventilatory response and acclimatization to chronic hypoxia in humans.
B Ho, E Ellis, R Zamfis, S Hopkins and F Powell, San Diego, CA. University of California, San Diego School of Medicine (WAFMR/WSCI Subspecialty Award Winner) (WSMRF)

2:30 Intronic cytochrome P450 polymorphism and pediatric asthma control with inhaled fluticasone propionate.
C Stockmann, R Ward, F Nkoy, C Moore, J Roberts, D Uchida, R Gaedigk, S Leeder, G Yost and B Fassl, Salt Lake, UT and Kansas City, MO. Loma Linda University School of Medicine (WSMRF)

2:45 Relationship between pulmonary vascular volume and lung structure and function in humans.
S Lau, EC Wong, CM Wheatley, NA Cassuto, CL Daines, D Gilbertson, EM Snyder, JD Martinez and WJ Morgan, Tucson, AZ. University of Arizona

3:00 Affect of cigarette smoke on colocalization of guanine exchange factor H1 and rho in respiratory epithelium.
SA Soiseth and C Knall, Seattle, WA and Anchorage, AK. University of Washington School of Medicine

3:15 State-of-the-Art Speaker
Update on sepsis.
H. Bryant Nguyen, Loma Linda University

3:45 Poor social support predicts baseline and incident depression in chronic obstructive pulmonary disease.
M Zitler, M Cisternas, J Singer, P Katz and P Blanc, San Francisco, CA and Carlsbad, CA. University of California, San Francisco (CTS)

4:00 Attenuated beta adrenergic receptor mediated pulmonary vasodilation in high altitude term-fetal sheep.
JH Kim, LD Longo and SM Wilson, Loma Linda, CA. Loma Linda University Medical Center (CTS)

4:15 Inter- and intra-observer variation in measuring part-solid lung nodules using conventional and semi-automated methods.
I Cho, D Miller, A Scherzinger and K Garg, Aurora, CO. University of Colorado Denver

4:30 Placement of a fully covered, self-expanding nitinol airway stent under direct flexible bronchoscopic visualization.
C Poon, H Ismail and K Yoneda, Sacramento, CA. University of California, Davis

4:45 Inter-alpha inhibitory protein in pediatric sepsis - analysis of a control population.
J Bennett, WD Tandberg and JG Park, Albuquerque, NM. University of New Mexico

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5:00 CONTINUOUS INFUSION OF CROTALINE FAB ANTIVENOM FOR MANAGEMENT OF SEVERE MULTI-SYSTEM ENVENOMATION.
JH Kim, S Bush, S Seifert, E Reibling and T Phan, Loma Linda, CA; and Albuquerque, NM. Loma Linda University Medical Center

5:15 TRIMMING THE FAT WAS A BREATH OF FRESH AIR: A CASE REPORT OF A RARE ENDOBRONCHIAL LESION.
S Farshidpanah, A Chriissian and G Cheek, Loma Linda, CA. Loma Linda University Medical Center (California Thoracic Society Scholar Winner)

CALIFORNIA THORACIC SOCIETY

PULMONARY PERSPECTIVES: SLEEP APNEA

Carmel Mission Inn
Friday, January 27, 2012
1:00 PM – 4:00 PM

1:00 WELCOME – PRE-TEST
Russell C. Klein and Michael Schivo

1:15 ADULT WITH SLEEP APNEA
Case presentation: Charles Poon, University of California Davis
Mini lecture: Kimberly Hardin, University of California Davis

2:00 PEDIATRIC SLEEP APNEA
Case presentation: Robert Blount, University of California, San Francisco
Mini lecture: Gwynne Church, University of California, San Francisco

2:45 BREAK

3:15 COMPLEX CASE: OLDER PATIENT PRESENTING WITH MULTIPLE CONDITIONS
Case presentation: Ronso Sato, Stanford University School of Medicine
Mini lecture: Anstella Robinson, Stanford University School of Medicine

4:00 PANEL DISCUSSION/CLOSING COMMENTS AND POST-TEST
This session is not certified for AMA PRA Category 1 Credit™ by Tulane University Health Sciences Center.

BREAKFAST-WITH-THE-INVESTIGATOR

Monterey Beach Hotel – Captain’s Table Room
7:00 AM – 8:00 AM
Saturday, January 28, 2012

Point Alones and Point Pinos Room

JUGGLING A CAREER COMBINING BASIC RESEARCH AND CLINICAL CARE
Katrina Dipple, David Geffen School of Medicine at UCLA

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

HOW TO NAVIGATE YOUR FUTURE: HARNESNING THE “FIRE IN YOUR BELLY.”
Jacqueline Casillas, David Geffen School of Medicine at UCLA

This session is not certified for AMA PRA Category 1 Credit™.
CALIFORNIA THORACIC SOCIETY

PULMONARY PERSPECTIVES: PNEUMONIA

Carmel Mission Inn
Saturday, January 28, 2012
8:00 AM – 12:00 PM

8:00 WELCOME – PRE-TEST
Russell C. Klein and Amir Zeki

8:15 SEVERE COMMUNITY – ACQUIRED PNEUMONIA (CAP)
Case presentation: Jason Adams, University of California, Davis
Mini lecture: Richard Wunderink, Northwestern University, Feinberg School of Medicine

9:00 VENTILATOR ASSOCIATED PNEUMONIA (VAP)
Case presentation: Yasmin Shaw, University of California, Davis
Mini lecture: Christian Sandrock, University of California, Davis

9:45 BREAK

10:15 SEVERE INFLUENZA/H1N1 PNEUMONIA IN PEDIATRIC/TEEN
Case presentation: James Howard, University of California, San Francisco
Mini lecture: Heidi Flori, Children’s Hospital & Research Center Oakland

11:00 PANEL DISCUSSION/CLOSING COMMENTS AND POST-TEST

12:00 ADJOURN

This session is not certified for AMA PRA Category 1 Credit™ by Tulane University Health Sciences Center.

JOINT PLENARY SESSION II

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

Regenerative Medicine

Sunset Center Theater
8:30 AM – 12:00 PM
Saturday, January 28, 2012

Robb MacLellan and Carlin Long, Presiding

8:30 WAP DISTINGUISHED LECTURESHIP
HEART BREAKING AND HEART MAKING: NEW STRATEGIES FOR CARDIAC REGENERATION.
Eric Olson, University of Texas Southwestern

9:15 WSPR STANLEY WRIGHT MEMORIAL LECTURE
EGFR REGULATES REGENERATION AND LIMITS TUMORIGENESIS IN THE MOUSE COLON.
Brent Polk, University of Southern California Keck School of Medicine

10:00–10:15 Intermission

10:15 iPSCs FOR CARDIOVASCULAR DISEASE MODELING
Joseph Wu, Stanford University

11:00 WSCI MAYO SOLEY AWARD
Presenter: John T. Nicoloff, University of Southern California
Recipient: Shelly Lu, University of Southern California

11:15 AUTOISLET TRANSPLANTATION: A BRIDGE TO STEM CELL THERAPY FOR DIABETES
R. Paul Robertson, Pacific Northwest Diabetes Research Institute and University of Washington

12:00 ADJOURN

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CONCURRENT SESSIONS
Saturday, January 28, 2012
1:00 PM

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

Adolescent Medicine and General Pediatrics .................................................. Auditorium, All Saints Church
Endocrinology and Metabolism III ................................................................. Carlson Hall, Church of the Wayfarer
Exercise and Health Maintenance ..................................................................... Rehearsal Room, Sunset Center
General Internal Medicine and Aging ............................................................. Promenade Lobby, Sunset Center
Hematology and Oncology II ............................................................................ Studio #105, Sunset Center
Immunology and Rheumatology II ................................................................. Chapman #4, Sunset Center
Neonatal Pulmonary II ...................................................................................... Sanctuary, All Saints Church
Neuroscience II ............................................................................................... Conductor’s Room, Sunset Center
Surgery II ........................................................................................................... Green Room, Sunset Center
Surgical Procedures ......................................................................................... Bingham Room #3, Sunset Center

Adolescent Medicine and General Pediatrics
Auditorium, All Saints Church
Alberta Kong and Caroline Barangan, Presiding

1:00 ADVOCACY AT A NATIONAL LEVEL DURING RESIDENCY: A RESIDENT’S REFLECTIONS ON LESSONS LEARNED.
R Kar, M Weiss and S Yang, Fresno, CA and Pomona, CA. University of California, San Francisco-Fresno (WSMRF)

1:15 ATTITUDES OF PARENTS TOWARD CHILDHOOD VACCINATION IN THE UNDERSERVED POPULATION.
U Dinh and AK Cho, Los Angeles, CA. David Geffen School of Medicine at UCLA

1:30 PREDICTABILITY OF ABNORMAL ECGS IN THE PEDIATRIC POPULATION.
M Sandoval, J Whitefield, M Tennison and A Green, Albuquerque, NM and Washington, DC. University of New Mexico School of Medicine

1:45 SWIMMERS MAY NOT FOCUS ON THEIR MOST INJURED BODY REGION DURING DRYLAND TRAINING.
KJ Hancock, BJ Krabak and S Drake, Seattle, WA and Jonesboro, AR. University of Washington

2:00 SPORTS CONCUSSION EVALUATION AND MANAGEMENT IN WASHINGTON STATE HIGH SCHOOLS.
A Petrosian, M Kaufman, D Colomno and J Leahy, Seattle, WA. University of Washington School of Medicine (WSMRF)

2:15 ASSESSING THE FEASIBILITY OF A DIABETES RISK REDUCTION PROGRAM FOR MULTIETHNIC ADOLESCENTS AND YOUNG ADULTS.
A Mandeville, M Jenkins, A Harris, R Wold, B Skipper and A Kong, Albuquerque, NM. University of New Mexico, Health Sciences Center (WSMRF)

2:30 WHITE MATTER INTEGRITY IN INSULA AND FORNIX IMPLICATED IN BULIMIA NERVOSA.
LN Mettler, M Shott, M Rollin and G Frank, Aurora, CO. University of Colorado School of Medicine (WSPR Subspecialty Award Winner)

2:45 – 3:00 Intermission

3:00 State-of-the-Art Speaker
INTERVENTIONS FOR TREATING OBESITY IN ADOLESCENTS.
Alberta Kong, University of New Mexico

3:30 EXPLORING RISK FACTORS FOR STONE FORMATION AMONG RURAL UGANDAN CHILDREN.
A Burbank, C White, M Bardt, L Chow, W Cannon and A Macnab, Vancouver, BC, Canada. University of British Columbia

3:45 CASE REPORT: BILATERAL OBSTRUCTIVE URIC ACID CALCULI IN A 7 YEAR OLD BOY ON THE COG 9952 REGB PROTOCOL FOR TREATMENT OF LOW GRADE ASTROCYTOMA.
L Harper, J Masterson and J Mickelson, Vancouver, BC, Canada. University of British Columbia

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4:00 LEARN PEDIATRICS: EVALUATION OF A WEB-BASED RESOURCE FOR MEDICAL STUDENTS LEARNING PEDIATRIC CLINICAL SKILLS.  
Abstract 336

4:15 MEDICAL STUDENT INVOLVEMENT WITH LEARNPEDIATRICS.COM: AN EDUCATIONAL WEB-BASED RESOURCE.  
Abstract 337

4:30 PATTERNS AND PREDICTORS OF MEDICATION USE IN CHILDREN AND ADOLESCENTS WITH AUTISM SPECTRUM DISORDER.  
G Han, J Munson, L Elder, D Gawson, D Sager, B King and A Estes, Seattle, WA; New York, NY and Chapel Hill, NC. University of Washington (WSMRF)  
Abstract 338

4:45 PARENTAL ATTITUDES TOWARDS CIRCUMCISION.  
GB Taylor, Albuquerque, NM. University of New Mexico School of Medicine  
Abstract 339

5:00 MATERNAL CHILD HEALTH NEEDS ASSESSMENT IN DOLPA DISTRICT, WESTERN NEPAL.  
K Westmoreland, T Dickerson, F Nkoy and B Fassl, Salt Lake City, UT. University of Utah (WSPR Mead Johnson Travel Award Winner)  
Abstract 340

Endocrinology and Metabolism III  
Church of the Wayfarer, Carlson Hall  
Karen Foster-Schubert and Vince Montes, Presiding

1:15 REGULATION OF MYOGENIC DIFFERENTIATION AND CELL PROLIFERATION IN MUSCLE SATELITE CELLS BY FOLLISTATIN.  
M Braga, S Bhasin, R Jassua, S Pervin and R Singh, Los Angeles, CA and Boston, MA. Charles Drew University of Medicine and Science  
Abstract 341

1:30 ACCURATE MEASUREMENT OF THYROGLOBULIN IN SERUM IN PRESENCE OF ANTI-THYROGLOBULIN AUTOANTIBODIES.  
MM Kushnir, AL Rockwood, WL Roberts, AN Hoofnagle and AW Meikle, Salt Lake City, UT and Seattle, WA. ARUP Laboratories  
Abstract 342

1:45 CONGENITAL HYPOTHYROIDISM CAUSED BY EXCESS MATERNAL IODINE INGESTION: A CASE SERIES.  
K Connelly, B Boston, E Pearce, D Sesser and S Lafranchi, Portland, OR and Boston, MA. Oregon Health Science University  
Abstract 343

2:00 USE OF LOW-DOSE ACTH STIMULATION TO DETECT ACTH INSUFFICIENCY IN A PEDIATRIC POPULATION: IDENTIFYING IDEAL CORTISOL COLLECTION TIMES.  
VA Ramirez and R Kinman, Fresno, CA and Madera, CA. University of California, San Francisco-Fresno  
Abstract 344

2:15 THE USE OF 17α-HYDROXYPROGESTERONE TO 11-DEOXYCORTISOL RATIO IN NEWBORN SCREENING OF CONGENITAL ADRENAL HYPERPLASIA.  
RA Hicks, BF Ferreira, CS Mao, JK Yee and W Lee, Torrance, CA. Harbor-UCLA Medical Center (WSPR)  
Abstract 345

2:30 ROLE OF GLYCEMIA IN INSULIN SENSITIVITY IN ADOLESCENTS WITH TYPE 1 AND TYPE 2 DIABETES.  
S Alam, A West, M Downey, J Forster-Harwood, JE Reusch and KJ Nadeau, Aurora, CO and Norfolk, VA. Eastern Virginia Medical School  
Abstract 346

2:45 HOW SWEET IT IS: GLYCATED HEMOGLOBIN IN THREE GROUPS OF WORKERS.  
LW Raymond, J Pankowski, K Sensenbrenner and H Shiflett, Chapel Hill, NC and Charlotte, NC. University of North Carolina, Chapel Hill (WAFMR)  
Abstract 347

3:00 GESTATIONAL DIABETES AWARENESS IN A HIGH-RISK GROUP: REACHING HISPANIC WOMEN IN BELLINGHAM, WA.  
A Piazza, Seattle, WA. University of Washington School of Medicine  
Abstract 348

3:15 – 3:30 Intermission

3:30 PROMOTING DIABETES SELF-MANAGEMENT IN INDIAN AND EAST AFRICAN PATIENTS.  
S McGuffin, Seattle, WA. University of Washington  
Abstract 349

3:45 EVALUATION OF COMPREHENSIVE DIABETIC EDUCATION PROGRAM IN TAOS COUNTY.  
M Seiler, G Ismail, J Eldredge and D Tandberg, Taos, NM and Albuquerque, NM. University of New Mexico School of Medicine  
Abstract 350

4:00 DIABETES CONNECTED HEALTH EVALUATION.  
E Ling, M Mohammed, J Kvedar and K Jethwani, Sacramento, CA and Boston, MA. University of California, Davis School of Medicine  
Abstract 351

4:15 PREDICTORS OF WITHDRAWAL IN A TRIAL OF SAW PALMETTO FOR TYPE-2 DIABETES.  
AE Buerger and JT Martin, Pomona, CA. College of Osteopathic Medicine Western University of Health Sciences  
Abstract 352

4:30 SILYMARIN, A DRUG THAT LOWERS GLYCEMIA IN TYPE 2 DIABETES, AUGMENTS GLUCOSE-STIMULATED INSULIN SECRETION VIA ITS EFFECTS TO INCREASE CAMP LEVELS AND CLOSE K ATP CHANNELS IN HIT-T15 CELLS.  
SN Vallerie, R Meng, S Parazzoli, J Mahadevan and R Robertson, Seattle, WA. Pacific Northwest Diabetes Research Institute (WSCI Travel Award Winner)  
Abstract 353

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4:45  RATES OF WEIGHT LOSS IN DIABETIC VERSUS NON-DIABETIC SUBJECTS IN AN OUTPATIENT VERY LOW CALORIE DIET PROGRAM.
MY Wang, C Tseng, M Deng, Z Li and D Heber, Los Angeles, CA. David Geffen School of Medicine at UCLA

5:00  EVALUATION OF INSULIN RESISTANCE IN YOUNG ADULTS WITH ACUTE CORONARY SYNDROME (EIRYS) - A 10 YEAR RETROSPECTIVE STUDY.
M Singh, VH Bolla, T Acharya and S Paul, Fresno, CA. University of California, San Francisco-Fresno

Exercise and Health Maintenance
Sunset Center, Rehearsal Room
Laurel Desnick, Presiding

1:30  EPIDEMIOLOGY OF INMATE EXPOSURES TO POISONS IN CALIFORNIA PENAL INSTITUTIONS.
S Arain, R Geller, R Kezirian, S Huntington, T Carlson and D Strong, Madera, CA. Children’s Hospital of Central California (WSMRF)

1:45  DEVELOPING EVIDENCE-BASED SENTINEL SURVEILLANCE IN THE GLOBAL SOUTH: EVALUATION OF A PILOT PROJECT UTILIZING TIME SPACE SAMPLING TO DETERMINE HIV PREVALENCE AMONG MSM IN URBAN PERU.
C Blair and J Clark, Los Angeles, CA. David Geffen School of Medicine at UCLA (WSMRF)

2:00  FALL PREVENTION EDUCATION FOR SENIORS IN LEWIS COUNTY, WASHINGTON.
M Christopher, Seattle, WA. University of Washington (WSMRF)

2:15  PREVENTING FALLS IN COMMUNITY DWELLING SENIORS IN HAMILTON, MONTANA THROUGH COMMUNITY-BASED TAI CHI CLASSES.
KA Glass, Seattle, WA. University of Washington School of Medicine

2:30  FALL PREVENTION IN COMMUNITY DWELLING ADULTS OVER 65.
B Harms, Seattle, WA. University of Washington School of Medicine (WSMRF)

2:45  FOOT-SPECIFIC EDUCATION AND EXERCISE FOR OLDER ADULTS IN SITKA, ALASKA.
NJ Kim, Seattle, WA. University of Washington School of Medicine (WSMRF)

3:00  YOGA FOR ANXIETY REDUCTION IN WOMEN RECOVERING FROM ADDICTION.
S Ordway, Seattle, WA. University of Washington

3:30 – 3:30 Intermission

3:30  PROMOTING PHYSICAL ACTIVITY WITH FRISBEE GOLF IN DELTA JUNCTION, ALASKA.
S Werner, Seattle, WA. University of Washington School of Medicine

3:45  EVALUATING VITAMIN D REPLETION REGIMENS AND THEIR RELATIONSHIP TO CHANGES IN VITAMIN D SERUM LEVELS IN VETERAN PATIENTS.
S Aterrado, G Ono, S Kanehira-Mar, J Meier and A Swislocki, Mather & Martinez, CA and Davis, CA. Veterans Affairs Northern California

4:00  MEN WHO ABSTAIN FROM SMOKING FOR FIVE DAYS AS MEASURED BY BLOOD COTININE LEVELS REPORT DECREASES IN DESIRE TO SMOKE, WITHDRAWAL SYMPTOMS, ANXIETY, IRRITABILITY AND SUBJECTIVE STRESS.
D Weyhrauch, M Layton and J Banasik, Seattle, WA and Spokane, WA. University of Washington School of Medicine (WSMRF)

General Internal Medicine and Aging
Sunset Center, Promenade Lobby
George R. Merriam and S. Mitchell Harman, Presiding

1:30  HOW LOW IS TOO LOW? DIASTOLIC BLOOD PRESSURE AND ALL-CAUSE MORTALITY IN VA PATIENTS.
S Tringali, CW Oberer, A Soon, J Fong and J Huang, Fresno, CA. University of California, San Francisco, Fresno (WSCI Travel Award Winner)

1:45  THE IMPACT OF INCARCERATION ON LINKAGE TO, RETENTION IN, AND OUTCOMES OF CARE AMONG LOW-INCOME, HIV-POSITIVE PERSONS.
CR Kovalski, T Nakazono and W Cunningham, LA, CA. David Geffen School of Medicine at UCLA

2:00  USE OF PSYCHOTROPIC MEDICATIONS AMONG UNDERSERVED AFRICAN AMERICAN SENIORS.
E Huber, G Orum, H Yazdanshenas and M Bazargan, Los Angeles, CA. David Geffen School of Medicine at UCLA (WSMRF)

2:15  DEPRESSION AMONG THE ELDERLY: AWARENESS EDUCATION IN BUTTE, MONTANA.
A Furuko, Seattle, WA. University of Washington School of Medicine

2:30  ANTI-DEPRESSANT USE ASSOCIATED WITH MORTALITY AND CARDIO-VASCULAR OUTCOMES IN A VETERAN POPULATION.
T Acharya, S Tringali, S Sandhu, M Singh and J Huang, Fresno, CA. VA CCHS

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3:15–3:30 Intermission

3:30 CORRELATES AND PREVALENCE OF URINARY INCONTINENCE AMONG OLDER, COMMUNITY-DWELLING CALIFORNIANS.
E Dubina, A Khan and J Anger, Los Angeles, CA. David Geffen School of Medicine at UCLA (WSMRF)

3:45 HUMAN LENS IMAGING FOR EARLY DIAGNOSIS OF ALZHEIMER’S DISEASE.
A Van Nortwick, JI Clark, E Arnett, D Cross, S Minoshima and T Shen, Seattle, WA. University of Washington

4:00 DIFFERENTIAL EFFECTS OF EXOGENOUS INDUCED OXIDATIVE STRESS ON HUMAN SPERMATOZOA DNA INTEGRITY AND MOTILITY.
C Reiner and C Muller, Seattle, WA. University of Washington (WSMRF)

4:15 KIKUCHI-FUJIMOTO LYMPHADENITIS.
JW Wong and TL Werner, Salt Lake City, UT. University of Utah

4:30 CAN THE TIMED UP AND GO DEFINE SEVERITY OF FALL RISK?
J Herbert and E Phelan, Seattle, WA. University of Washington School of Medicine (WAFMR/WSCI Subspecialty Award Winner)

Hematology and Oncology II
Sunset Center, Studio 105
Virginia Broudy, Presiding

1:30 HIGH BCL11B EXPRESSION IS CORRELATED WITH HIGH C-MYC EXPRESSION AND ANTI-APOPTOTIC PHENOTYPE IN MEDULLOBLASTOMA.
B Cristiano, D Birks, I Alimova and R Vibhakar, Denver, CO and Aurora, CO. University of Colorado

1:45 NITRIC OXIDE POTENTIATES VITAMIN D INDUCED INHIBITION OF MAMMARY CANCER STEM CELL PROLIFERATION: INSIGHTS FROM IN VITRO AND IN VIVO STUDIES.
R Singh, M Hewison, R Chun, A Karam, M Braga, G Chaudhuri and S Pervin, Los Angeles, CA. Charles Drew University (WSCI)

2:00 P-SELECTIN LOCALIZATION IN PLATELET AGGREGATES FORMED UNDER FLOW.
DA Illing, G Brodsky and J DiPaola, Aurora, CO. University of Colorado School of Medicine (WSMRF)

2:15 DELETION OF SYNDECAN-4 REDUCES B16-F10 MELANOMA TUMOR SIZE, DELAYS TUMOR GROWTH, AND INCREASES TUMOR VASCULAR DENSITY IN C57/BL6 MICE.
AI McDonald, A Torres-Collado and L Iruela-Arispe, Los Angeles, CA. David Geffen School of Medicine at UCLA

2:30 AN EVALUATION OF THE QUALITY OF ONLINE RESOURCES FOR BREAST CANCER PATIENTS.
B Brar, J Lin and P Ingledev, Vancouver, BC, Canada and Surrey, BC, Canada. University of British Columbia (WSMRF)

2:45 UNCOUPLING NF-KB SIGNALING FROM PRO-SURVIVAL AND PRO-METASTATIC ACTIVITIES IN BREAST CANCER CELLS.
JE Ferguson, AM Gonzalez and RA Orlando, Albuquerque, NM. University of New Mexico

3:00–3:15 Intermission

3:15 CHARACTERIZATION OF FALLOPIAN TUBE EPITHELIAL CELLS AS POSSIBLE PRECURSORS FOR SEROUS OVARIAN CANCER.
VS Velasco, Los Angeles, CA. David Geffen School of Medicine at UCLA

3:30 REDUCED INCIDENCE OF EARLY INVASIVE FUNGAL INFECTION IN ALLOGENEIC TRANSPLANT PATIENTS FOLLOWING MICAFUNGIN PROPHYLAXIS.
D To, D Warkentin, R Broady and MM Power, Vancouver, BC, Canada. University of British Columbia

3:45 DEFINING VENOUS THROMBOEMBOLISM IN PATIENTS WITH CANCER.
P Brittain, S Kelly and D Garcia, Albuquerque, NM. University of New Mexico

4:00 64CU-LIPOSOMES VS. [18F]FLUORODEOXYGLUCOSE AS POSITRON EMISSION TOMOGRAPHY CONTRAST AGENTS IN THE MURINE MET-1 TUMOR MODEL.
A Wong, E Ormsby, H Zhang, JW Seo and K Ferrara, Davis, CA. University of California, Davis (WSMRF)

4:15 DETECTION OF MESOTHELIOMA USING AutoANTIBODY SIGNATURES.
D Thomas, L Zhao, X Zhang and L Zhong, Pomona, CA. Western University

4:30 OUTCOME OF RETROPERITONEAL SARCOMAS TREATED AT THE UNIVERSITY OF WASHINGTON.
P Brenn, D Byrd, RL Jones, G Kane, S Chai, B Kurland, E Rodler, E Loggers, S Pollack, J White, B Hoch, V Pillarsetty and G Mann, Seattle, WA. University of Washington

4:45 LEARNING ONCOLOGY FROM AN INTEGRATED INTERDISCIPLINARY PERSPECTIVE.
A Lee, L Lai, S Hamilton and P Ingledev, Vancouver, BC, Canada and Surrey, BC, Canada. University of British Columbia

5:00 A NOVEL CASE OF DIAMOND-BLACKFAN ANEMIA WITH A 2011.2 CHROMOSOMAL DELETION.
R Fisher, RD Clark and AA Bedros, Loma Linda, CA. Loma Linda University
Immunology and Rheumatology II
Sunset Center, Chapman Room #4
Keith Colburn and Ioana Moldovan, Presiding

1:30 EXPOSURE TO ATTENUATED TOXOPLASMA GONDI AND SURFACE PROTEIN SAG1 BLOCKS THE DEVELOPMENT OF TH2-MEDIATED ASTHMATIC AIRWAY INFLAMMATION.
SJ Lee, G Arribalzaga and T Miura, Seattle, WA and Moscow, ID. University of Washington School of Medicine (WAFMR)

1:45 DECREASED INTRACELLULAR AND EXTRACELLULAR PRODUCTION OF THE T HELPER 1 CYTOKINE IL-17 BY CORD BLOOD MONONUCLEAR CELLS MAY CONTRIBUTE TO NEONATAL INFECTIONS.
JC Caron, TR La Pine, NH Augustine, TB Martins, CC Yost and HR Hill, Salt Lake City, UT. University of Utah (WAFMR/WSCI Subspecialty Award Winner)

2:00 THE TRANSCRIPTION FACTOR ZFP521 REGULATES MAST CELL DEVELOPMENT.
JM Posada, K Lukin, H Lei, S Warming and J Hagman, Aurora, CO and South San Francisco, CO. National Jewish Health

2:15 IDENTIFICATION OF CD40 LIGAND AND ICOS DEFECTS IN PATIENTS WITH PRIMARY IMMUNODEFICIENCIES.
TB Martins, NH Augustine, A Kumanovics and HR Hill, Salt Lake City, UT. ARUP Laboratories

2:30 2:45 Intermission

2:45 HEMATOPOIETIC CHANGES DURING MYCOBACTERIAL INFECTION IN ZEBRAFISH.
S Levitte and L Ramakrishnan, Seattle, WA. University of Washington (WSMRF)

3:00 CYCLOSPORINE TO TREAT SEVERE URTICARIA AND ABDOMINAL PAIN DUE TO ANTIBODIES TO IGE RECEPTOR.
KY Wang and RL Roberts, Los Angeles, CA. David Geffen School of Medicine at UCLA

Neonatal Pulmonary II
All Saints Church, Sanctuary
Lisa Joss-Moore and John Torday, Presiding

1:30 ACTIVATION OF WNT SIGNALING BY LUNG MESENCHYMAL STROMAL CELLS IN A RODENT PERINATAL VITAMIN D DEFICIENCY MODEL OF CHILDHOOD ASTHMA.
C Gornes, P Villarreal, S Anthony, R Sakurai, J Torday and VK Rehan, Torrance, CA. Harbor UCLA Medical Center

1:45 MECHANICAL VENTILATION DECREASES EPHA2, A3, A4 IN THE LUNG OF CHRONICALLY VENTILATED PRETERM LAMBS.
E Weinlander, J Alvard, J Wimmer, B Houston, L Dong, MJ Dahl, RA McKnight, DM Null, BA Yoder, R DiGeronimo, RH Lane and KH Albertine, Salt Lake City, UT and Appleton, WI. Lawrence University (WSMRF)

2:00 EPHA2 AND A3 ARE PERSISTENTLY INCREASED IN THE LUNG OF FORMER MECHANICALLY VENTILATED PRETERM LAMBS.
J Wimmer, E Weinlander, J Alvard, B Houston, L Dong, MJ Dahl, RA McKnight, D Null, BA Yoder, R DiGeronimo, RH Lane and KH Albertine, Salt Lake City, UT and Appleton, WI. University of Utah (WSPR Subspecialty Award Winner) (WSMRF)

2:15 HYPEROXIA INDUCES ALVEOLAR HYPOPLASIA THROUGH CHANGES IN ADENOSINE RECEPTOR EXPRESSION IN NEWBORN MICE.
S Davanini, B Lopez, ZH Aghai and VA Londhe, Los Angeles, CA and Philadelphia, PA. David Geffen School of Medicine at UCLA

2:30 IGF-1 LEVELS IN THE HIPPOCAMPUS ARE DECREASED BY PROLONGED MECHANICAL VENTILATION OF PRETERM LAMBS.
JM Alvard, X Ke, B Ke, B Houston, M McCoy, L Dong, MJ Dahl, RA McKnight, DM Null, BA Yoder, R DiGeronimo, RH Lane and KH Albertine, Salt Lake City, UT. University of Utah (WSMRF)

2:45 SIPAP AND CPAP PROVIDE EQUIVALENT SUPPORT IN LOW BIRTH WEIGHT INFANTS WITH RESPIRATORY DISTRESS.
A Lampland, B Plumm, P Meyers, C Worwa and MC Mammel, St. Paul, MN and Minneapolis, MN. Children's Hospitals and Clinics of MN - St. Paul (WSPR)

3:00 INTRAUTERINE GROWTH RESTRICTION INCREASES LUNG NITRIC OXIDE SYNTHASE ACTIVITY AT BIRTH AND DELAYS ONSET OF RIGHT VENTRICULAR HYPTERTROPHY IN FEMALE BUT NOT MALE RATS.
DT Malleske, R Kaur, X Yu, C Callaway, R McKeith, K Albertine and R Lane, Salt Lake City, UT. University of Utah (WSPR)

3:15 PULMONARY FUNCTION, OXYGEN CONSUMPTION, AND EXHALED NITRIC OXIDE MEASURES FOR EXTREMELY LOW BIRTH WEIGHT, HEAVIER PRETERM, AND TERM CHILDREN.
H Kilbride, C Dinakar, T Carver, C Gauldin, K Teson, M Gelatt and R Sabath, Kansas City, MO. Children's Mercy Hospitals & Clinics (WSPR)

3:30–3:45 Intermission

3:45 State-of-the-Art Speaker
ENVIRONMENTAL INSULT TO INJURY: EPIGENETIC PATHOGENESIS OF BPD.
Kurt H. Albertine, University of Utah
Neuroscience II
Sunset Center, Conductor’s Room
Marie-Francoise Chesselet and Edward Wagner, Presiding

1:30 INTRAUTERINE GROWTH RESTRICTION INCREASES ESTROGEN RECEPTOR ALPHA PROTEIN LEVELS IN THE CA1 AND CA3 REGIONS OF THE MALE RAT HIPPOCAMPUS.
B Numpang, X Ke, X Yu, C Callaway, R McKnight, L Joss-Moore and R Lane, Salt Lake City, UT. University of Utah

1:45 IUGR’S EFFECTS OF HYPOTHALAMIC OREXIN AND MELANIN CONCENTRATING HORMONE EXPRESSION IN YOUNG ADULT MICE.
L Challis, A Brown, R Lane and C Fung, Salt Lake City, UT. University of Utah

2:00 THE INCIDENCE OF ZURICH CONCUSSION GUIDELINES USE IN SPORTS MEDICINE IN IDAHO AND WASHINGTON.
JM Cooperider and J Seegmiller, Seattle, WA and Moscow, ID. University of Washington (WSMRF)

2:15 THE DORSAL MEDIAL HYPOTHALAMUS MEDIATES PAIN HYPERSENSITIVITY INDUCED BY CHRONIC STRESS.
K Wagner, D Cleary and M Heinricher, Portland, OR. Oregon Health & Science University (WAFMR/WSCI Subspecialty Award Winner)

2:30–2:45 Intermission

2:45 SYSTEMIC INFLAMMATION INHIBITS LOW-DENSITY LIPOPROTEIN RECEPTOR-RELATED PROTEIN-1 MEDIATED CLEARANCE OF AMYLOID-B FROM BLOOD: IMPLICATIONS FOR ALZHEIMER’S DISEASE.
PE Hartvigson, MA Erikson and WA Banks, Seattle, WA and Saint Louis, MO. VA Puget Sound Health Care System (WSMRF)

3:00 AMINO-TERMINAL CLEAVAGE OF APOLipoprotein E4 IN ALZHEIMER’S DISEASE.
KG Coonse, LW Catlin and TT Rohn, Seattle, WA and Boise, ID. University of Washington (WSMRF)

3:15 THE EFFECT OF TBR1 ON INTERNEURON MIGRATION IN MICE.
RJ Feczko and R Hevner, Seattle, WA. University of Washington School of Medicine

3:30 THE EFFECTS OF A NOVEL DRUG, METHYL JASMONATE, ON PHOTORECEPTOR DEGENERATION IN A DISEASE MODEL ORGANISM, THE PDE6C ZEBRAFISH.
AR Sweeney, Seattle, WA. University of Washington

3:45 State-of-the-Art Speaker
PAIN AND ADDICTION - THE OPIATE DRUG DILEMMA.
Christopher Evans, David Geffen School of Medicine at UCLA

Surgery II
Sunset Center, Green Room
Donald C. Dafoe, Presiding

1:30 ACROMIOLAVICULAR AND CORACOCLAavicULAR LIGAMENT RECONSTRUCTION USING A SINGLE TENDON GRAFT.
S Campbell, S Shin, J Scott, J Hwang and TQ Lee, Irvine, CA. Orthopaedic Biomechanics Laboratory, VA Long Beach Healthcare System and University of California Irvine (WSMRF)

1:45 IATROGENIC RADIATION EXPOSURE TO PATIENTS WITH EARLY ONSET SPINE AND CHEST WALL DEFORMITIES.
D Khorsand and K Song, Seattle, WA. University of Washington School of Medicine

2:00 LOCAL SOFT TISSUE INTERPOSITION APPROACH TO THUMB CARPOMETACARPAL ARTHRITIS.
W McClellan and D Mercer, Albuquerque, NM. University of New Mexico School of Medicine (WSMRF)

2:15 QUANTITATIVE ASSESSMENT OF SCALENE MUSCLE BLOCK IN THE DIAGNOSIS OF THORACIC OUTLET SYNDROME.
K Shah and R Braun, Irvine, CA and La Jolla, CA. University of California, Irvine School of Medicine

2:30 OPTIMIZING THE DETECTION OF LIMBAL EPITHELIAL STEM CELLS USING IN VIVO CONFOCAL SCANNING LASER MICROSCOPY.
AS Zaman, PJ Pham, T Truong, MN Nakatsu and SX Deng, Los Angeles, CA. David Geffen School of Medicine at UCLA (WSMRF)

2:45 THE LONG-TERM OUTCOMES OF BARRETT’S ESOPHAGUS IN PATIENTS TREATED WITH LAPAROSCOPIC ANTI-REFLUX SURGERY.
D Bushyhead, M Hinojosa, M Loviscek, E Wassenaar, C Pellegrini and B Oelschlager, Seattle, WA. University of Washington School of Medicine

3:00 LONG TERM CLINICAL AND SURGICAL OUTCOMES OF INTRACRANIAL MENINGIOMAS PATIENTS RECEIVING GROSS AND SUBTOTAL RESECTION.
W Choy, A Osborne, A Trang, C Tu, M Spasic and I Yang, Los Angeles, CA. David Geffen School of Medicine at UCLA (WSMRF)
3:30 DYNAMIC MECHANICAL ANALYSIS OF FIBROBLAST SEEDED SCAFFOLDS AND ITS APPLICATION TO LIGAMENT RECONSTRUCTION.  
EE Vellios, F Petrigliano, B Wu and D McAllister, Los Angeles, CA. David Geffen School of Medicine at UCLA (WSMRF)  
Abstract 420

3:45 NISSEN FUNDOPLICATION LIMITS DISEASE PROGRESSION IN PATIENTS WITH CONCURRENT IDIOPATIC PULMONARY FIBROSIS AND GASTROESOPHAGEAL REFLUX.  
D Mart, M Hinojosa, M Loviscek, G Raghu and B Oeschlager, Seattle, WA. University of Washington School of Medicine  
Abstract 421

4:00 INTEGRIN SIGNALING AND OSTEONEUTIC CENTRAL MUSCULAR STEM CELLS CULTURED IN 2D AND 3D CONDITIONS.  
Al Havard, W Huang, O Rudkin, D Yamaguchi and T Miller, Los Angeles, CA. David Geffen School of Medicine at UCLA  
Abstract 422

4:15 MIDLINE CERVICAL CLEFTS: A RARE ANATOMIC ANOMALY.  
DC Kuo, CG Tang and JA Gotschall, Oakland, CA and Orlando, FL. Kaiser Permanente Oakland Medical Center  
Abstract 423

4:30 DISSEMINATION OF TOBACCO CONTROL GUIDELINES TO A SPECIALTY CARE SETTING: A UROLOGIC PERSPECTIVE.  
O Obioha, J Bassett, C Saigal and C Bennett, Los Angeles, CA. David Geffen School of Medicine at UCLA  
Abstract 424

4:45 ASSESSING NOVEL METHODS IN FACIAL RECONSTRUCTION: ELECTROMECHANICAL RESHAPING.  
K Badran, C Manuel, C Waki, D Protsenko and BJ Wong, Irvine, CA. University of California, Irvine  
Abstract 425

Surgical Procedures
Sunset Center, Bingham Room #3
Gary Satou, Presiding

1:30 UTILITY OF PRE-PROCUREMENT BEDSIDE LIVER BIOPSY IN THE EXTENDED CRITERIA LIVER DONOR.  
TC Borup, S Popa, R Saxena, A Tector and R Mangus, Indianapolis, IN. Indiana University School of Medicine  
Abstract 426

1:45 USE OF SAFETY-ENGINEERED SCAAPELS TO REDUCE SHARPS INJURY IN THE OR: WHAT IS THE EVIDENCE?  
Abstract 427

2:00 MEASURED CYTOKINE RESPONSE TO LASIK SURGERY PLUME PARTICULATE.  
CA Johnson, S Lafaanto, J Petrasch and MJ Taravella, Aurora, CO. University of Colorado School of Medicine  
Abstract 428

2:15 PREEMPTIVE ANALGESIA AND KETOROLAC FOR PERIOPERATIVE PAIN MANAGEMENT IN PEDIATRIC GENERAL SURGERY PATIENTS.  
B Jones, A Moore and C Reyes, Albuquerque, NM. University of New Mexico  
Abstract 429

2:30 RADIATION EXPOSURE DURING CENTRAL VENOUS LINE INSERTION IN PEDIATRIC ONCOLOGY PATIENTS: COMPARISON OF OUT OF HOURS AND IN HOURS SURGERY.  
S Kim and S Butterworth, Vancouver, BC, Canada. University of British Columbia  
Abstract 430

2:45 ENDOSCOPIC FOREHEAD CYST REMOV AL: A CASE SERIES.  
DC Kuo, CG Tang and CE Shih, Oakland, CA. Kaiser Permanente Oakland Medical Center  
Abstract 431

3:00 ULTRASOUND-GUIDED ASPIRATION AND INJECTION OF INTRANEURAL GANGLION CYST WITHIN THE PERONEAL NERVE.  
T Liang and RG Lambert, Vancouver, BC, Canada and Edmonton, AB, Canada. University of British Columbia  
Abstract 432

3:30–3:30 Intermission

3:30 NOVEL USE OF A PORTABLE POSITRON EMISSION PROBE IN INTRAOPERATIVE LOCALIZATION OF PERSISTENT ADRENOCORTICAL CARCINOMA.  
S Makarenko and I Sekhon, Richmond, BC, Canada and Vancouver, BC, Canada. University of British Columbia (WSMRF)  
Abstract 433

3:45 SURGICAL RESECTION OF PEDIATRIC CEREBELLAR ASTROCYTOMAS.  
J Mangat, P Steinbok, D Cochrane, A Singhal, M Sargent and W Suryanigtyas, Vancouver, BC, Canada. University of British Columbia (WSMRF)  
Abstract 434

4:00 DEMOGRAPHIC STUDY OF HIP ARTHROSCOPY.  
S Nguyen, J Wang, S Montgomery and T Hobson, Fullerton, CA and Westwood, CA. Western University of Health Sciences  
Abstract 435

4:15 COMPARISON OF SURGICAL AND NON-SURGICAL TREATMENTS FOR CONGENITAL MICROPHTHALMIA.  
AK Nohori, H Garneau, D Isaacs, C Hwang and R Goldberg, Los Angeles, CA. David Geffen School of Medicine at UCLA  
Abstract 436

4:30 TRENDS IN SURGICAL UTILIZATION AND ASSOCIATED PATIENT OUTCOMES IN THE TREATMENT OF ACOUSTIC NEUROMA.  
S Patel, M Nufio, D Mukherjee, A Elramsy, K Nosova, N Lapt, M Boakye, K Black and C Patil, Los Angeles, CA. David Geffen School of Medicine at UCLA  
Abstract 437

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