



2008 Pediatric Academic Societies' Annual Meeting

May 3–May 6 ~ Hawaii, Honolulu

Daily Schedule:
Tuesday, May 6

(as of April 14, 2008)

7:00am–9:00am

6005A Advances in the Evaluation and Management of Complement-Based Renal Diseases

ASPN Symposium ~ HCC, Room 313C

Target Audience: Clinicians and researchers who want to update their knowledge about the major recent advances in the diagnosis and treatment of complement-based renal diseases.

Objective:

- Understand the role of complement dysregulation in the pathogenesis of various glomerular diseases, and potential opportunities for novel therapies resulting from this.

Chairs: Norishige Yoshikawa, Wakayama Prefectural Medical University, Japan; and Rudy Valentini, Detroit Children's Hospital, Wayne State University, Detroit, MI

There have been numerous recent advances in our understanding of the role of dysregulation of the complement system in renal disease, and specifically in the molecular pathogenesis of some forms of atypical Hemolytic Uremic Syndrome and MPGN Type II. This session will explore the recent advances in our understanding of the role of complement dysregulation in the pathogenesis of several pediatric glomerular diseases, and consider how these advances may lead to improved clinical treatments and outcomes for children who develop them.

7:00 Overview

Rudolph P. Valentini, Detroit Children's Hospital, Wayne University, Detroit, MI

7:05 MPGN Type II and Atypical HUS

Christoph Licht, Sick Kids Hospital, Toronto, Canada

7:30 MPGN Types I and III

Michael C. Braun, University of Texas Health Science Center at Houston, Houston, TX

7:55 SLE Nephritis

Elahna Paul, Harvard University, Boston, MA

8:20 Complement Activation in IgA Nephropathy

Shoji Kagami, Tokushima University, Japan

8:45 Discussion

7:00am–9:00am

6110 Critical Care II

Platform Session ~ HCC, Room 317B

Chairs: Clifford W. Bogue and JoAnne E. Natale

7:00* Spontaneous Regression of Hypoxia-Induced Pulmonary Vascular Remodeling: Molecules and Cells Involved. Claudia L. Kunrath, Danielle Burke, Maria Frid, Laima Taraseviciene-Stuart, Kurt Stenmark. *Publication 6110.1*

7:15 Lung Contusion Alters Pulmonary Vasoreactivity in Rats. Satyan Lakshminrusimha, Bruce A. Davidson, Rita M. Ryan, Jadwiga D. Helinski, Krishnan Raghavendran. *Publication 6110.2*

7:30* Effect of Hyperoxia on Serine Phosphorylation of Apoptotic Proteins in the Mitochondrial Membranes of the Cerebral Cortex of Newborn Piglets. Nadege Brutus, Manjula Mudduluru, Alan B. Zubrow, Om P. Mishra, Maria Delivoria-Papadopoulos. *Publication 6110.3*

7:45 Microglial Response After Pediatric Asphyxial Cardiac Arrest. Minke Tang, Hnery Alexander, Robert S.B. Clark, Patrick M. Kochanek, Hulya Bayir. *Publication 6110.4*

APS/SPR Student Research Program Awardee
Serena S. Freeman

8:00* Young Age as a Risk Factor for Impaired Cerebral Autoregulation After Moderate-Severe Pediatric Traumatic Brain Injury. Serena S. Freeman, Yuthana Udomphorn, Dana M. Fisk, William M. Armstead, Monica S. Vavilala. *Publication 6110.5*

8:15* Expression of Caspase Activated DNAase (CAD) and Inhibitor of Caspase Activated DNAase (ICAD) During Hyperoxia in the Cerebral Cortex of Newborn Piglets. Manjula Mudduluru, Nadege Brutus, Alan B. Zubrow, Om P. Mishra, Maria Delivoria-Papadopoulos. *Publication 6110.6*

- 8:30** **Role of Glycogen Synthase Kinase-3 (GSK-3) in Morphine Induced Tolerance and Apoptosis.** Gopal Chari, Rekha Bandepalli, David Wirtshafter, Rama Bhat. *Publication 6110.7*
- 8:45*** **Minocycline Promotes Proteolytic Degradation of α -II Spectrin and Loss of Thalamocortical Neurons Following *In Vivo* Target Deprivation in the Immature Brain.** Emily G. Potter, Ying Cheng, JoAnne E. Natale. *Publication 6110.8*

7:00am–9:00am

6115 General Pediatrics & Asthma

Platform Session ~ HCC, Room 317A

Chairs: Judith Shaw and Pamela R. Wood

- 7:00** **The Influence of Positive Community Factors on Childhood Asthma Prevalence in Chicago Neighborhoods.** Ruchi S. Gupta, Xingyou Zhang, Lisa K. Sharp, Christine Janowiak, John J. Shannon, Kevin B. Weiss. *Publication 6115.1*
- 7:15** **Does Allergy Status Modify the Association Between Asthma and Body Mass Index Among Adolescents?.** Lara J. Akinbami, Jennifer D. Parker. *Publication 6115.2*
- 7:30** **Sleep Disordered Breathing and Behaviors of Inner-City Children with Asthma.** M. Fagnano, H.V. Connolly, M.A. Carno, K.M. Conn, J.S. Halterman. *Publication 6115.3*
- 7:45*** **Does Parental Chronic Disease Affect Child Health and School Absenteeism in Asthma?.** Ellen A. Lipstein, James M. Perrin, Karen A. Kuhlthau. *Publication 6115.4*
- 8:00** **Computer Aided Parent Surveys and Physician Prompts Increase Asthma Diagnosis.** Stephen M. Downs, Paul G. Biondich, Vibha Anand, Aaron E. Carroll. *Publication 6115.5*
- 8:15** **Continuity of Prescribers of Short-Acting Beta Agonists to Children with Asthma.** Kevin J. Dombkowski, Stephanie Roahen Harrison, Lisa M. Cohn, Sarah J. Clark. *Publication 6115.6*
- 8:30** **Streamlining Pediatric Asthma Care Through Asthma Management Guidelines.** Vanthaya N. Gan, Stephanie Davis, Lin Xu, Donna Badgett, Linda Laiche, Sandra McDermott. *Publication 6115.7*
- 8:45** **Using the “Unplanned” Planned Visit To Improve Asthma Chronic Care.** Gregory A. Szumlas, Lisa Crosby, Mona Mansour. *Publication 6115.8*

7:00am–9:00am

6120 Innate Immunity / Stem Cells

Poster Symposium ~ HCC, Room 311

Viewing: 7:00am – 7:30am

Discussion: 7:30am – 9:00am

Chairs: Reed Dimmitt and Joyce M. Koenig

- 1*** **Human Metapneumovirus Glycoprotein G Inhibits Innate Immune Responses by Targeting RIG-I.** Xiaoyong Bao, Tianshuang Liu, Roberto P. Garofalo, Antonella Casola. *Publication 6120.1*
- 2** **Antiphospholipid Antibodies (aPL) Antagonize Endothelial NO Synthase (eNOS) Via β 2 Glycoprotein I (β 2GPI).** Chieko Mineo, Sangeetha Ramesh, Ivan S. Yuhanna, Gail D. Thomas, Guillermina Girardi, Jane E. Salmon, Philip W. Shaul. *Publication 6120.2*
- 3*** **Unique Immunostimulatory Activity of Toll-Like Receptor 8 Agonists Towards Neonatal Antigen-Presenting Cells.** Victoria J. Philbin, Eugenie E. Suter, Leighanne Gallington, Ariel Shuckett, Amity Paye, Richard L. Miller, Keith Mansfield, Sarah Davies, Guadalupe Cortes-Garcia, Ofer Levy. *Publication 6120.3*
- 4*** **Interaction of Innate Immunity & Calcium Handling Pathways in Endotoxin-Induced Cardiac Failure.** W.A. Luce, B.L. Schanbacher, H. Huang, L.E. Wold, M.S. Joshi, Y. Liu, J.A. Bauer. *Publication 6120.4*
- 5*** **Impaired Innate Immune Responses to *S. epidermidis* in Preterm Infants.** Tobias Strunk, Ofer Levy, Peter C. Richmond, Victoria J. Philbin, Karen Simmer, Michael Otto, Andrew J. Currie, David P. Burgner. *Publication 6120.5*
- 6*** **Defects in Innate Immunity Predispose Neonates to Poor Outcome from Sepsis, but Can Be Overcome by Select Toll like Receptor Agonists.** James L. Wynn, Philip O. Scumpia, Robert Winfield, Matthew J. Delano, Ofer Levy, Lyle L. Moldawer. *Publication 6120.6*
- 7*** **Toll-Like Receptor 2 (TLR2) Ligation Results in Increased TGF β and Stimulates Macrophage Migration Using Hyaluronan and Its Receptor RHAMM.** David T. Lam, Hongmei Jiang, Rashmin C. Savani. *Publication 6120.7*
- 8** **WITHDRAWN**
- 9** **The Effects of Bone Marrow-Derived Mesenchymal Stem Cells on Alveolarization Inhibition Induced by Hyperoxia in Neonatal Rat.** Chang Won Choi, Jin-A Lee, Ee-Kyung Kim, Han-Suk Kim, Beyong Il Kim, Jung-Hwan Choi. *Publication 6120.9*
- 10** **Effects of Thromboxane-Induced IUGR on Neural Stem Cells.** C.M. Fung, H. Jin, X. Yu, C.W. Callaway, R.A. McKnight, R.H. Lane. *Publication 6120.10*

- 11 **The Role of Cardiac Stem Cells in Right Ventricular Hypertrophy.** Karen C. Young, Eneida Torres, Konstantin Chatzistergos, Dorothy Hehre, Carlos Devia, Cleide Sugihara, Joshua Hare. *Publication 6120.11*
- 12* **Airways Homing of Human Amniotic Fluid Stem Cells After Intratracheal Transplantation in a Rat Model of BPD.** Davide Grisafi, Arben Dedja, Roberto Salmaso, Martina Piccoli, Valentina Vanzo, Anna Milan, Rosella Tomanin, Ambrogio Fassina, Maurizio Scarpa, Lino Chiandetti, Michela Pozzobon, Paolo De Coppi, Emanuele Cozzi, Patrizia Zaramella. *Publication 6120.12*

7:00am–9:00am

6125 Neonatology Epidemiology & Follow-Up
Platform Session ~ HCC, Room 323A

Chairs: Christine A. Gleason and Neil Marlow

- 7:00 **Behaviour Problems and Attention at 11 Years Following Extremely Preterm Birth.** Samantha Johnson, Dieter Wolke, Chris Hollis, Neil Marlow. *Publication 6125.1*
- 7:15 **Secular Trends in Risk Factors for Gastroschisis in Washington State, Case Control Analysis.** Shilpi Chabra, Christine A. Gleason, Kristy Seidel, Michelle A. Williams. *Publication 6125.2*
- 7:30 **Effect of Inter-Pregnancy Interval on Adverse Perinatal Outcomes – A National Survey.** Michael S. Schimmel, Ziona Haklai, Ethel-Sherry Gordon, Sorina Grisaru-Granovsky. *Publication 6125.3*
- 7:45 **Medical and Neurodevelopmental Outcome of Infants Discharged with Tracheostomies.** Jo Ann M. D'Agostino, Marsha Gerdes, Kelly Wade, Deborah Calvert, Judy C. Bernbaum. *Publication 6125.4*
- 8:00 **Fetal Deaths (FD) May Bias the Assessment of Neonatal Intensive Care (NICU) Quality.** Scott A. Lorch, Jeffrey H. Silber, Corinne Fager, Richard Ross, Orit Even-Shoshan. *Publication 6125.5*
- 8:15 **Home Environment Independently Influences Growth of Very Low Birth Weight (VLBW < 1500g) Former Preterm Infants.** Vincent C. Smith, Gareth Parry, Marie C. McCormick. *Publication 6125.6*
- 8:30* **Evaluation of the Relationship Between Intrauterine Growth Restriction and Adverse Neonatal Outcome, According to Entire Versus Healthy Population Growth Standards.** Cyril Ferdynus, Christine Binquet, Michal Abrahamowicz, Robert Platt, Paul Sagot, Catherine Quantin, Jean-Bernard Gouyon. *Publication 6125.7*
- 8:45 **Predicting Early and Late Hospital Discharge in Extremely Preterm Infants.** Susan R. Hintz, NICHD Neonatal Research Network. *Publication 6125.8*

7:00am–9:00am

6130 Newer Insights into Neonatal Hyperbilirubinemia from Bench to Bedside
Poster Symposium ~ HCC, Room 323BC

Viewing: 7:00am – 7:30am
Discussion: 7:30am – 9:00am

Chairs: Thor W. R. Hansen and Rosemary D. Higgins

- 1* **Characterization of Microglial Response to Unconjugated Bilirubin.** Sandra L. Silva, Ana R. Vaz, Adelaide Fernandes, Ana S. Falcao, Maria A. Brito, Rui FM Silva, Dora Brites. *Publication 6130.1*
- 2 **Effects of Unconjugated Bilirubin on Neuronal Development: From Impaired Neurite Outgrowth and Reduction of Growth Cone Area to Decreased Synapse Density.** Adelaide Fernandes, Dora Brites, Lorene M. Lanier. *Publication 6130.2*
- 3* **Bilirubin Accumulation and Cell Death in Neuroblastoma Cells Assessed by Flow Cytometry.** Tomas N. Alme, Rolf D. Pettersen, Thor W. Ruud Hansen. *Publication 6130.3*
- 4 **Neonatal Jaundice: Can the Exposure to Unconjugated Bilirubin Modify the Normal Development of Nerve Cells?.** Ana S. Falcao, Elsa Abranches, Evguenia Bekman, Domingos Henrique, Dora Brites. *Publication 6130.4*
- 5* **Human P-Glycoprotein Expression in HL-60 Cells Reduces Bilirubin-Induced Cell Death *In Vitro*.** Abeer Azzuqa, Monica J. Daood, Jon F. Watchko. *Publication 6130.5*
- 6 **Energy Depletion, Mitochondrial Dysfunction and Oxidative Disruption Caused by Unconjugated Bilirubin in Immature Neurons Can Be Prevented by Glycoursodeoxycolic Acid.** Ana R. Vaz, Maria D. Esteban, Maria A. Brito, Juan P. Bolanos, Dora Brites, Angeles Almeida. *Publication 6130.6*
- 7 **Minocycline Pretreatment Reduces Cerebellar Brain Bilirubin Content and Prevents Neurologic Dysfunction in Sulfadimethoxine Exposed Hyperbilirubinemic j/j Gunn Rat Pups.** Monica J. Daood, Jon F. Watchko. *Publication 6130.7*
- 8* **Short- and Long-Term Effects of Heme Oxygenase Activity Inhibition by Chromium Mesoporphyrin in Newborn Mice.** Harvey H. Xiao, Takeshi Morisawa, Ronald J. Wong, David K. Stevenson. *Publication 6130.8*
- 9* **Inhibition of Heme Oxygenase Activity by Chromium Mesoporphyrin in the Heme-Loaded Newborn Mouse.** Takeshi Morisawa, Ronald J. Wong, Harvey H. Xiao, Hendrik J. Vreman, Vinod K. Bhutani, David K. Stevenson. *Publication 6130.9*

- 10 Routine Transcutaneous Bilirubin (TcB) Measurements Combined with Risk Factors Improves Prediction of Subsequent Hyperbilirubinemia.** M. Jeffrey Maisels, Elizabeth A. Kring, Mamtha Balasubramaniam. *Publication 6130.10*
- 11 Pre-Discharge Assessment Predicts Significant Hyperbilirubinemia Risk in a Diverse Cohort of US Newborns.** Vinod K. Bhutani, Ann R. Stark, Judith Y. Hall, ICTERUS Study Group. *Publication 6130.11*
- 12 The Impact of Universal Bilirubin Screening on Hyperbilirubinemia and Phototherapy Use in a Managed Care Organization.** Michael W. Kuzniewicz, Gabriel J. Escobar, Thomas B. Newman. *Publication 6130.12*

7:00am–10:00am

6282 Down With Powerpoint!: First Aid for Clinical Presentations
PAS Workshop ~ HCC, Room 307A

Target Audience: Residents, fellows, and faculty interested in improving clinical teaching and use of powerpoint.

Objectives:

- Be able to use PowerPoint for graphical information display and limit textual display (often used as a speaker's crutch)
- Effectively use animation, videos, a virtual chalkboard, and other PowerPoint tricks
- Include interactive features in PowerPoint presentations

Leader: Bernhard Wiedermann; Co-Leader:

Too often, speakers use PowerPoint presentations not to help learners view complex graphical information, but rather to project speaker's notes. The net effect is that the speaker reads his/her slides to the audience, resulting in an endpoint similar to that seen with a bedtime story for a young child. Rethinking how, or if, PowerPoint should be used in a learning setting can aid effective learning. This workshop consists of three sections. First, the facilitator will lead the audience in a discussion of pros and cons of PowerPoint presentations, demonstrating effective and ineffective uses. The audience will critique a presentation to suggest methods to improve it. Second, the facilitator will demonstrate a Top 10 list of PowerPoint features and lead a discussion on what learning settings and goals are best served by these features. The final section deals with methods to avoid the "lecture" format in PowerPoint presentations and ensure active audience participation.

Designed to meet elements of the core curriculum for pediatric fellowship subspecialty training.

7:00am–10:00am

6284 Enhancing Team Performance and Patient Safety: Understanding Communication Theory and its Practical Implementation
PAS Workshop ~ HCC, Room 307B

Target Audience: Junior and senior pediatric faculty, housestaff, allied health professionals interested in improving intra- and interdisciplinary communication and delivering high quality patient care.

Objectives:

- Understand the basic principles of communication theory
- Identify communication barriers and their impact on quality of care
- Incorporate communication techniques into practice: The S*T*A*R*T model of

Leader: Glenn Stryjewski; Co-Leaders: Brian Binck, Ellen Deutsch

Poor communication is a contributory factor in over two thirds of all medical errors. The risks of inadequate communication between healthcare professionals have stimulated initiatives from healthcare leadership groups such as Joint Commission and the ACGME. The purpose of this workshop is to improve the quality of this communication. Participants will receive a practical introduction to communication theory as well as video demonstrations and role playing addressing obstacles to communication between all members of the healthcare team. The S*T*A*R*T mnemonic for patient handoffs will be demonstrated with opportunity for members to observe and role play handoff communications.

7:00am–10:00am

6286 Family-Centered Rounds (FCRs): Building Systems and Skills for Success at the Bedside of the Hospitalized Child
PAS Workshop ~ HCC, Room 305B

Target Audience: Residents, fellows, and faculty of all levels interested in maximizing the effectiveness of bedside rounds.

Objectives:

- Develop strategies to overcome common system-based barriers to consistent conduct of bedside rounds.
- Develop skills to meet educational goals on rounds while delivering care that is family-centered.

Leader: Jeffrey Simmons; Co-Leaders: Rachel Wohlberg, Mary Ottolini

FCRs is the conduct of patient presentations and discussions in the presence of the patient and family to facilitate information sharing and active family involvement in decision-making. Barriers must be overcome to maximize FCRs effectiveness. This

workshop will utilize a variety of interactive techniques to engage the audience, drawing on their collective experience and expertise. Participants will work in small groups to list perceived system-based barriers to consistently round at the bedside. Video vignettes and discussion will be used to develop tailored solutions. Next, groups will focus on skills needed for success once at the bedside. Video vignettes, role play, and discussion will be used to build practical skills to meet educational goals on rounds while delivering family-centered care. Finally, participants will set goals and develop action plans to enact upon return to their home institution.

7:00am–10:00am

6288 Integrating a Competency Based Oral Health Curriculum into the Continuity Clinic
PAS Workshop ~ HCC, Room 304B

Target Audience: Residents, program directors, faculty and continuity clinic directors.

Objectives:

- Describe a model for integrating an oral health curriculum (OHC) in the resident continuity clinic
- Identify barriers to implementing an oral Health Curriculum
- Develop strategies to overcome barriers
- Acquire knowledge and skills in preventive dental care, oral exam, fluoride varnish application and billing

Leader: Nasreen J. Talib; Co-Leaders: Robin Onikul, Delsie Filardi, Jane Knapp, Vidya Sharma

Goal of this workshop is to provide a framework to successfully integrate a competency based oral health training curriculum in the resident continuity clinic. Workshop format includes a model didactic presentation on preventive dental care and brief review of the successfully integrated oral health curriculum and evaluation process implemented at our institution. Attendees will participate in an interactive large group session on identification of and strategies to overcome potential barriers encountered during the implementation process. This workshop will conclude with small group hands-on training led by a **pediatric dentist** on techniques and elements of the oral exam and fluoride varnish application using dental models. Participants will have the opportunity to practice their skills on dental models.

7:00am–10:00am

6290 Key Characteristics and Design Principles for an Effective e-Learning Environment
PAS Workshop ~ HCC, Room 304A

Target Audience: Student/residents/faculty and other healthcare professionals interested in learning effective design principles and module development for online environment.

Objectives:

- Examine the distinction between traditional and online instructional design principles
- Identify the components of pedagogically effective instructional design principles for an e-Learning environment
- Design learning objects/modules including assignments and activities based on ten core learning principles

Leader: Kadriye O. Lewis; Co-Leader: Rebecca R. Phillips

Computer technology is becoming increasingly central to the area of education, and transformation to online instructional delivery method represents an exciting new way to structure teaching and learning. However, most medical educators are unfamiliar with effective online pedagogy and instructional design principles. This workshop will provide an overview of ten core learning principles for designing effective e-Learning environment. The session will provide a showcase of demonstrations of sample e-Learning courses/modules. Participants will work in small groups to develop a learning object for online teaching and learning. Each group will present their work to the larger group followed by a general discussion of the elements of effective instructional design principles.

7:00am–10:00am

6292 Making “House” Calls: Crafting an Effective Message to Influence Policy and Opinion
PAS Workshop ~ HCC, Room 302A

Target Audience: Students, residents, clinicians and faculty mentors seeking skills in developing and delivering an effective message to influence health policy and opinions.

Objectives:

- To acquire skills in effectively communicating with policy makers
- To develop soundbites around important health issues for the media
- To gain knowledge in promoting health through effective writing of op-ed articles and testimony
- To learn about activities that physician advocates have undertaken to address health problems with the legislature and the media

Leader: Esther K. Chung; Co-Leaders: David M. Krol, Sarah C. DeFeo, Michelle Terry, Megan T. Sandel

This workshop will focus on how to craft an effective message to influence public opinion and health policy. Participants will gain skills on writing and preparing messages for op-ed articles, meetings with legislators, testimonies for legislative hearings,

and radio and television interviews. Workshop leaders will include past and current Soros/Physician Advocacy Fellows. Participants will learn to communicate in a way that resonates with policy makers and the public, and will have the opportunity to network with physicians who share similar interests and to gather information on advocacy resources and funding opportunities.

7:00am–10:00am

6294 Managing Others, Managing Oneself: The Art and Science of Leading Groups
PAS Workshop ~ HCC, Room 306B

Target Audience: Individuals desiring enhanced capability of working on and managing teams.

Objectives:

- Better ability to participate in and lead groups
- Enhanced teamwork capability
- Better understanding of group process and dynamics

Leader: Robert A. Doughty; Co-Leader: Patricia D. Williams

This participatory workshop offers individuals the opportunity to practice core leadership skills. Participants will: determine their leadership strengths and areas for development; understand dynamics of effective teamwork; learn treatment of group dysfunction; and enhance skills in motivating others, effective communication, management of conflict, and leading meetings. Theories of group functioning will be introduced. Participants will draw on their own experiences to learn the leadership style most appropriate for a particular situation. Finally, they will apply learnings to leadership issues they are facing.

7:00am–10:00am

6296 Primer on Epigenetics
PAS Workshop ~ HCC, Room 324

Objectives:

- Define epigenetics
- Discuss the structure of chromatin and the impact of chromatin structure on gene expression
- Apply the concepts of epigenetics and epigenomics to pediatric diseases that are associated with adult-onset disease

Leader: Kurt Albertine; Co-leaders: Robert H. Lane, Robert A. McKnight and Lisa Joss-Moore

This workshop will provide conceptual information about epigenetics. The objectives are to define epigenetics, describe epigenomics, and provide examples of early insults that lead to long-term consequences. Epigenetics is defined as heritable changes in gene expression (transcription) in the absence of alterations in DNA sequence. Epigenomics is the study of chromatin structure (euchromatin and heterochromatin) and the impact of altered chromatin structure on regulation of gene expression. That conceptual information will be placed in context of fetal origins of adult disease.

7:00am–10:00am

6298 Recognizing Common Biostatistical Errors: A Case-Based Approach
PAS Workshop ~ HCC, Room 308B

Target Audience: Trainees, fellows, junior faculty, mid-level faculty and community practitioners.

Objectives:

- Understand some biostatistical errors common in the pediatric literature
- Avoid common errors of misinterpretation made by readers
Be able to find similar examples and explain them to colleagues and students

Leader: Thomas B. Newman; Co-Leader: Kristine A. Madsen

This workshop uses multiple real examples from the pediatric literature to teach participants how to be more discriminating consumers of statistics. Topics to be covered include "type 3" (dumb or careless) errors, standard deviation vs. standard error of the mean, between- vs. within-group comparisons, relative vs. absolute effect sizes, commonly violated assumptions of statistical tests including normality and independent sampling, odds ratios vs. relative risks, and negative studies and confidence intervals. In the last part of the seminar, participants will have the opportunity to test what they have learned on a set of "unknown" examples.

Designed to meet elements of the core curriculum for pediatric fellowship subspecialty training.

7:00am–10:00am

6300 Securing a Faculty Position: A Practical Guide for Residents, Fellows, Junior Faculty, and Their Mentors
PAS Workshop ~ HCC, Room 301A

Target Audience: Residents, fellow, junior faculty and mentors.

Objective:

- Knowledge of standard procedures for the interview process
- Ability to negotiate for a faculty position

Leader: Thomas G. DeWitt; Co-Leaders: Claibourne I. Dungy, Kathleen G. Nelson

This workshop discusses the standard procedures used when applying and interviewing for a faculty position in academic medicine. From the submission of the resume to the negotiation of the offer package, this workshop will serve as a practical guide to trainees, fellows, and junior faculty wishing to secure a position in academic medicine. Through the presentation of material, discussion, and role-playing, participants will become familiar with the processes involved in the application and negotiation process for a faculty position.

Designed to meet elements of the core curriculum for pediatric fellowship subspecialty training.

7:00am–10:00am

6302 Using Electronic Health Records for Pediatric Research and Quality Improvement
PAS Workshop ~ HCC, Room 308A

Target Audience: Fellows and junior faculty who will use electronic health record data for their research projects.

Objectives:

- Learn the strengths and limitations of EHR data
- Learn to extract and process EHR data
- Learn regulatory issues related to the use of EHR data

Leader: Robert W. Grundmeier; Co-Leaders: Su-Ting Li, William Adams, Christoph U. Lehmann, Paul Biondich

This workshop will introduce the implications of using electronic health record (EHR) data for research and quality improvement efforts. Participants will work together in small groups with an EHR database to understand the strengths and limitations of the data. The groups will be stratified by the experience of the participants to allow both novices and experts to learn new skills. Detailed workbooks will help each group answer a question of interest using EHR data. Participants are expected to raise methodological questions based on the exercises and their previous experiences. The faculty will respond to these questions and provide solutions.

7:00am–10:00am

6304 Community-Based Physicians
APA Special Interest Group ~ HCC, Room 303B

Chair: David Bromberg, dbromberg@peds.umaryland.edu

7:00am–10:00am

6306 Injury Control
APA Special Interest Group ~ HCC, Room 306A

Chairs: Shari Barkin, shari.barkin@vanderbilt.edu; and Brian Johnston, bdj@u.washington.edu

The Injury Control SIG welcomes all attendees interested in science and policy responses to the global epidemic of violence and injury. Our program always features plenty of time for networking and participation through peer group discussion of works-in-progress. This year we will also include keynote presentations from injury researchers who conduct their work in Hawaii or the Pacific Rim. Finally, don't miss the presentation of our annual trainee award. Please join us!

7:00am–10:00am

6308 Nutrition
APA Special Interest Group ~ HCC, Room 303A

Chair: Robert Karp, robert.karp@downstate.edu

7:00am–10:00am

6310 Pain
APA Special Interest Group ~ HCC, Room 302B

Chairs: Neil Schechter, nschecht@stfranciscare.org; and Bruce Bernstein, bbernste@stfranciscare.org

This year's Pain SIG will focus on chronic pain problems typically encountered in the pediatric primary care setting. Headaches, abdominal pain, and widespread musculoskeletal pain will be emphasized. The session's format will feature summary presentations in these areas, with ample time for questions and discussion

7:00am–10:00am

6312 Practice-Based Research Networks

APA Special Interest Group ~ HCC, Room 301B

Chair: Robert Siegel, robertsiegel56@pol.net

The Practice-Based Research Network SIG gives those doing office-based research an opportunity to discuss common issues and explore collaboration on projects. The groups also discuss research design, funding opportunities and share ideas on to maintain the infrastructure of practice-based networks. The SIG also offers the opportunity to present research projects in all stages of development and get feedback from the members.

7:00am–10:00am

6314 School and Community Health

APA Special Interest Group ~ HCC, Room 305A

Chairs: Rani Gereige, rgereige@health.usf.edu; and Sara Hampi, shampl@cmh.edu

8:00am–5:00pm

6320 Educational Scholars Program, 2008

PAS Workshop ~ Hilton Hawaiian Village, Mid-Pacific CC–South Pacific Ballroom II

Target Audience: Members and Faculty of the PAS Educational Scholars Program. Scholars compete for acceptance into this 3-year program. Only scholars and program faculty may attend this session.

Objectives:

- Convert educational projects into publishable scholarly papers
- Develop and present effective workshops
- Develop and present effective platform presentations
- Provide peers with sensitive and constructive feedback that helps them to improve their performance

Leader: Constance D. Baldwin; Co-leaders: David M. Keller and Latha Chandran

This is an annual education and networking session for scholars who have been admitted to the PAS Educational Scholars Program. It is designed to teach members of the PAS Educational Scholars Program about educational scholarship. The session include large group presentation, small group activities, posters, and individual presentations.

Luncheon and snacks are provided.

8:30 Turning Scholarly Projects Into Scholarly Products: Writing Educational Scholarship Articles

Constance Baldwin, University of Rochester, Rochester, NY

10:00 Turning Scholarly Projects Into Scholarly Products: Planning and Presenting Workshops

Elisa Alter Zenni, University of Florida, Jacksonville, FL

Teri Lee Turner, Baylor College of Medicine, Houston, TX

11:00 Turning Scholarly Projects Into Scholarly Products: Preparing and Giving Platform Presentations

Miriam Bar-on, Loyola University Stritch School of Medicine, Maywood, IL

Lindsey Lane, Jefferson Medical College, Philadelphia, PA

1:30 Developing Peer Feedback Skills

David M. Keller, University of Massachusetts Medical School, Worcester, MA

4:15 Evaluation of Session

Latha Chandran, State University of New York at Stony Brook, Stony Brook, NY

Doreen Balmer, Children's Hospital of Philadelphia, Philadelphia, PA

9:15am–11:15am

6340 Genetic Diseases Relevant to Brain Malformations

PAS/ASPR State of the Art Plenary ~ HCC, Room 313A

Target Audience: General pediatricians and neurologists.

Objective:

- Recent advances of brain science demonstrated that some of brain malformations as well as epileptic seizure can be caused by alterations in genes

Chairs: Yoshikatsu Eto, Tokyo Jikei University, Japan; and Maximilian Muenke, National Human Genome Research Institute, National Institutes of Health, Bethesda, MD

This symposium will present an update on the underlying mechanisms of selected brain malformations and their functional consequences. Brain malformations can be caused by alterations in genes that affect the formation of the developing brain or

lead to enzyme defects as seen in various inborn errors of metabolism. Recent advances have elucidated novel mechanisms for brain malformations and their functional abnormalities such as epileptic seizures.

9:15 Basis of Malformation

Judith G. Hall, The University of British Columbia and BC Children's Hospital, Vancouver, BC

9:35 Genes and Brain Malformations - Holoprosencephaly as the Most Common Defect of the Developing Forebrain

Maximilian Muenke, National Human Genome Research Institute, National Institutes of Health, Bethesda, MD

10:00 Genetic and Epigenetic Mechanisms of Brain Size Alteration

Takao Takahashi, Keio University, Japan

10:25 Inborn Errors of Metabolism and Brain Malformations and Dysfunction

Wuh-Liang Hwu, National Taiwan University, Taiwan

10:50 Genetic Malformations of Cortical Development and Epilepsy

Renzo Guerrini, Meyer University of Firenze, Italy

Program developed by the Asian Society for Pediatric Research and the Pediatric Academic Societies

9:15am–11:15am

6345 Proteomics in Pediatric Kidney Disease

PAS/ASPN State of the Art Plenary ~ HCC, Room 313C

Target Audience: Clinicians and researchers interested in applications of proteomic approaches and technologies to clinical disease, biomarker development and data management.

Objectives:

- Understand the basics of proteomic research
- Understand recent advances in discovery of biomarkers
- Ability to interpret clinical data

Chairs: Sangeeta Hingorani, Children's Hospital and Regional Medical Center, Seattle, WA; and Prasad Devarajan, Cincinnati Children's Hospital Medical Center, University of Cincinnati College of Medicine, Cincinnati, OH

Proteomics is revolutionizing the search for biomarkers of clinical disease and cellular states. This approach centers on the global surveying of a tissue or body fluid for protein expression rather than measuring a specific protein or proteins. Proteomics has also led to new challenges in meaningful interpretation of the voluminous data generated and thus transitioning from a research tool to clinically meaningful biomarkers. In this symposium, we will review the basis for proteomics and its application to pediatric kidney diseases, such as nephrotic syndrome, vesicoureteral reflux, nephropathy after stem cell transplantation, as well as novel approaches to managing proteomic data.

9:15 Overview

Sangeeta Hingorani, Children's Hospital and Regional Medical Center, Seattle, WA

9:25 Proteomics 101

Jon Klein, University of Louisville, KY

9:50 Biomarkers of Steroid Resistance in Pediatric Nephrotic Syndrome

Avram Traum, Massachusetts General Hospital, Boston, MA

10:15 Biomarkers of Acute and Chronic Rejection After Renal Transplant

Daniel Salomon, The Scripps Research Institute Department of Molecular and Experimental Medicine, La Jolla, CA

10:40 Making Sense of the Chaos: Bioinformatics Approach to Proteomic Data

Atul Butte, Stanford University School of Medicine, Stanford, CA

Program developed by the American Society of Pediatric Nephrology and the Pediatric Academic Societies

9:15am–11:15am

6350 Recent Advances in Integrating Environmental Management Into Pediatric Asthma Care

PAS Topic Symposium ~ HCC, Room 317A

Target Audience: Faculty members, clinicians, residents, and students in general pediatrics, family medicine, internal medicine, nursing, and physician assistant programs.

Objectives:

- Describe specific health outcomes related to treatment and management of childhood asthma
- Identify and understand treatment options for environmental precipitants of asthma
- Identify resources available to recognize and treat triggers of asthma
- Understand the importance of teaching about environmental precipitants of asthma to future and current practicing pediatric providers

Chair: Christine L. Johnson, Naval Medical Center, San Diego, CA

Asthma is the most chronic disease among children. Avoidance of environmental triggers, such as air pollution, animal allergens, and tobacco smoke is recommended as part of a comprehensive asthma management plan by the National Heart, Lung and Blood Institute's Guidelines for the Diagnosis and Management of Asthma. However, currently most health professionals do not fully incorporate environmental management into their treatment plans. The session will describe the recent advances in comprehensive asthma management, and highlight the progress in integration of environmental management of asthma into pediatric health care and the resulting improvements in health outcomes. Model projects demonstrating the critical role of pediatric faculty members will be presented.

- 9:15 Overview**
Christine L. Johnson, Naval Medical Center, San Diego, CA
- 9:20 Recent Advances in Asthma Health Outcomes**
Laurie Lachance, University of Michigan, Ann Arbor, MI
- 10:00 Role of Environmental Management in Pediatric Asthma Care**
Joel Forman, Mount Sinai School of Medicine, New York, NY
- 10:40 Faculty Champions Model Program for Managing Pediatric Asthma**
Catherine Karr, University of Washington, Seattle, WA
- 11:00 Discussion**

Program developed by the APA Environmental Health SIG, the APA School Health SIG, the AAP Committee on Environmental Health and the Pediatric Academic Societies

9:15am–11:15am

6355 Darwin, Science and Humanity: The Impact on Pediatrics
PAS Hot Topic ~ HCC, Room 312

Target Audience: This session will be of general interest.

Objectives:

- To understand the progress that has been made in understanding genetic disease
- To appreciate the importance of molecular biology in the future
- To recognize the accomplishments of Darwin in starting the modern era of evolutionary theory

Chairs: De-Ann M. Pillers, Oregon Health & Science University, Portland, OR; and Ron G. Rosenfeld, Lucile Packard Foundation For Children's Health, Palo Alto, CA

Darwin's 200th birthday, February 12, 2009, is also the 150th Anniversary of the publication of, *On The Origin of Species*. An international celebration is planned to acknowledge the benefits that scientific knowledge has contributed to the advancement of humanity. This session will focus on the Pediatric implications of Darwin's work. The talks will include: 1) Ron G. Rosenfeld, a scholar of Darwin, will review Darwin's life contributions in historical context; 2) George Dover was a fellow at the dawn of the era of DNA in clinical medicine and will give an overview of important contributions over the past 30 years; 3) De-Ann M. Pillers, will give an overview of future directions for applying genetics and evolution in clinical Pediatrics, including pharmacogenetics, newborn screening, and novel approaches to treatment of inherited disorders like Duchenne muscular dystrophy. Each of the speakers will address ethical issues in a context that is contemporary to their topic.

- 9:15 Overview**
De-Ann M. Pillers, Oregon Health & Science University, Portland, OR
- 9:20 Darwin & Wallace: Survival of the Fittest**
Ron G. Rosenfeld, Lucile Packard Foundation For Children's Health, Palo Alto, CA
- 9:55 Genetic Engineering and the Dawn of Molecular Medicine**
George J. Dover, Johns Hopkins University, Baltimore, MD
- 10:30 The Impact of Evolution on the Future of Pediatric Health Care**
De-Ann M. Pillers, Oregon Health & Science University, Portland, OR
- 11:05 Discussion**

9:15am–11:15am

6360 Strategies for Early Nutrition in Preterm Infants: Early Aggressive Parenteral and Enteral Nutrition in Preterm Infants—Does it Make a Difference?
PAS/NASPGHAN Hot Topic ~ HCC, Ballroom A

Target Audience: Neonatologists and allied personnel who are responsible for administration of both parenteral and enteral nutrition in extremely preterm infants.

Objectives:

- Understand the differences between donor milk and own mother's milk
- Appreciate the role of the neonatal gut in improving nutrition very preterm neonates
- Understand the role of parenteral nutrition in improving early growth in high risk neonates
- Appreciate the long term risks and benefits of early nutrition in very preterm infants

Chairs: Richard J. Schanler, Schneider Children's Hospital at North Shore, North Shore University Hospital, Manhasset, NY; and Brenda B. Poindexter, Indiana University School of Medicine, Indianapolis, IN

This session will present strategies for parenteral and enteral nutrition (including use of breast milk) in very preterm infants in the first weeks of life. The risks and benefits of these strategies as well as the scientific data supporting these nutritional interventions will be discussed. The results of both short-and long-term growth and neurodevelopmental outcomes of these approaches will be reviewed. We propose this as a mini-course to review scientific-based enteral and parenteral feeding strategies and the consequences of these practices.

9:15 Mothers' Own Milk or Donor Milk: Are They Equivalent?

Richard J. Schanler, Schneider Children's Hospital at North Shore, Manhasset, NY and Albert Einstein College of Medicine, Bronx, NY

9:45 What Is The Role of the Gut in Improving Outcomes in Low Birth Weight Infants?

Josef Neu, University of Florida, Gainesville, FL

10:15 Early Parenteral Nutrition Strategies in Extremely Low Birth Weight Infants

Patti J. Thureen, University of Colorado Health Sciences Center, Denver, CO

10:45 Do Early Nutritional Strategies in Very Preterm Neonates Make a Difference Long Term?

Brenda L. Poindexter, Indiana University School of Medicine, Indianapolis, IN

Program developed by the North American Society for Pediatric Gastroenterology, Hepatology and Nutrition and the Pediatric Academic Societies

9:15am–11:15am

6425 Emergency Medicine III

Platform Session ~ HCC, Room 318AB

Chairs: Jeffrey R. Avner and John Loisel

9:15* **Emergency Bedside Ultrasound To Identify Hip Effusions in Pediatric Emergency Department Patients.** Rebecca Vieira, Jason Levy. *Publication 6425.1*

9:30 **Ibuprofen vs. Acetaminophen with Codeine for the Outpatient Treatment of Arm Fracture Pain.** Amy L. Drendel, Marc H. Gorelick, Roger Lyon, Steven J. Weisman, Michael K. Kim. *Publication 6425.2*

9:45* **Ketamine Versus Etomidate: Procedural Sedation for Pediatric Orthopedic Reductions.** Jannet J. Lee-Jayaram, Adam Green, Joshua Siembieda, Edward J. Gracely, Colette C. Mull, Eileen Quintana, Terry Adirim. *Publication 6425.3*

10:00* **The Effect of Recent Immunization on Procalcitonin Levels in Infants with Fever Without a Source.** Andrew Dauber, Scott Weiss, Vincenzo Maniaci, Eric Nylen, Kenneth L. Becker, Richard Bachur. *Publication 6425.4*

10:15 **Emergency Department Treatment Failures for Skin Infections in the Era of Community-Acquired Methicillin-Resistant *Staphylococcus aureus*.** Halden F. Scott, Rakesh D. Mistry, Theoklis E. Zaoutis, Elizabeth R. Alpern. *Publication 6425.5*

10:30 **A Decision Rule for Evaluation of the Pediatric Acute Scrotum.** Manish I. Shah, A. Chantal Caviness, Marthe Munden, Donna R. Mendez. *Publication 6425.6*

10:45* **A Clinical Decision Rule To Predict a Low Likelihood of Pertussis in Children Seen in a Pediatric Emergency Department (ED).** Kelley C. Duford, Genie Roosevelt, Christine Robinson, Lalit Bajaj. *Publication 6425.7*

11:00 **Factors Associated with Participation in Research Conducted in a Pediatric Emergency Department.** Regina G. Taylor, Jacqueline Grupp-Phelan, Melanie M. Houchell. *Publication 6425.8*

9:15am–11:15am

6430 Infectious Diseases III - Advances in Epidemiology & Pathogenesis

Platform Session ~ HCC, Room 313B

Chairs: Robert S. Daum and Guliz Erdem

9:15* **Kawasaki Disease Can Be Distinguished from Adenovirus Infections but Not Group A Streptococcal Scarlet Fever by Decreased Transcript Abundance from Type I Interferon-Stimulated Genes.** Stephen J. Popper, Virginia E. Watson, Chisato Shimizu, John T. Kanegaye, Jane C. Burns, David A. Relman. *Publication 6430.1*

9:30 **Seven Year Surveillance of Streptococcal Pharyngitis *emm* Types in North America.** Stanford T. Shulman, Robert R. Tanz, William Kabat, Kathleen Kabat, Jason Rippe, Bernard Beall, James B. Dale, North American Ped Pharyngitis Surveill Group. *Publication 6430.2*

- 9:45 National and Local Variations in Group A Streptococcal Macrolide Resistance in North America over 7 Years.** Robert R. Tanz, Rachel J. Tanz, Jason Rippe, Kathy Kabat, William Kabat, Bernard Beall, James B. Dale, Stanford T. Shulman. *Publication 6430.3*
- 10:00 The *Candida albicans* Rsr1p GTP-ase Acts Via the Hyphal Spitzenkörper To Achieve Host Invasion.** Jennifer Norton, Paula Haynes, Sara Kegley, Cheryl A. Gale. *Publication 6430.4*
- 10:15* Methicillin-Resistant *Staphylococcus aureus* in Women and Their Newborns.** Sara K. Tedeschi, Faith Brendle, B. Gayle Johnson, Brian D. McKenna, Sandra Arnold, C. Buddy Creech. *Publication 6430.5*
- 10:30 Community-Associated Methicillin-Resistant *Staphylococcus aureus* (CA-MRSA): Replacement of USA400 by USA300 in the United States: An Hypothesis.** Christopher P. Montgomery, Patricia V. Adem, Susan Boyle-Vavra, Aliya N. Husain, Robert S. Daum. *Publication 6430.6*
- ASPR Young Investigator Award Recipient
Wei Wei Jiao
- 10:45 Molecular Characterization of Rifampin and Isoniazid Resistant *Mycobacterium tuberculosis* Strains from Beijing, China.** Wei Wei Jiao, Igor Mokrousov, Gui Zhi Sun, Mo Li, A. Dong Shen, Olga Narvskaya. *Publication 6430.7*
- 11:00 Human Fetal Hemoglobin Induction Protects Against Malaria in Thalassemia Model Mouse.** Tamon Nishino, Toya Ohashi, Yoshitsugu Matsumoto, Yoshikatsu Eto. *Publication 6430.8*

11:30am–1:30pm

6700 Pediatric Solid Organ Transplantation: Impact of Donation and Allocation on Outcome
PAS/ASP/NASPGHAN Topic Symposium ~ HCC, Room 313C

Target Audience: Clinicians and researchers who wish to learn more about the current status of organ donation and allocation and how it is impacting outcomes in children receiving solid organ transplants.

Objectives:

- Understand the most significant issues affecting donation and allocation in pediatric solid organ transplantation
- Gain an understanding of how this issue impacts different organs in varying ways

Chairs: Sue McDiarmid, University of California, Los Angeles, CA: and William Harmon, Children's Hospital, Boston, MA

Within the pediatric transplant community, there is increasing recognition of the need to develop and implement strategies that will increase the number of transplants occurring in children awaiting solid organ grafts. There has been focus on identifying mechanisms to increase the number of both living and deceased donors and donor organs as well as recognition that allocation policy may need to be adjusted to maximally benefit pediatric patients and minimize death in children awaiting solid organs. After a brief introduction on the scope of the problem, this session will begin with a discussion of organ donation after cardiac death (DCD) and the pediatric-specific ethical and medical issues that arise when centers are formulating DCD protocols and consents. An update on the specific status of donation and allocation in each of the solid organs most commonly transplanted in children will follow, with emphasis on how both graft and patient outcomes are affected by our current practices and policies.

- 11:30 Introduction: Donation and Allocation: The Scope of the Problem in 2008**
Sue V. McDiarmid, University of California, Los Angeles, CA
- 11:45 Donation After Cardiac Death: Implications for Pediatrics and Protocol Development**
Robert Mazor, University of Washington, Children's Hospital and Regional Medical Center, Seattle, WA
- 12:15 Donation, Allocation, and Renal Transplantation**
Ruth A. McDonald, University of Washington, Children's Hospital and Regional Medical Center, Seattle, WA
- 12:30 Donation, Allocation, and Thoracic Transplants**
Stuart Charles Sweet, Washington University, St. Louis, MO
- 1:00 Donation, Allocation, and Liver and Intestine Transplantation**
Simon P. Horslen, University of Washington, Children's Hospital and Regional Medical Center, Seattle, WA
- 1:15 Discussion**

Program developed by the American Society of Pediatric Nephrology; the International Pediatric Transplant Association; the North American Society for Pediatric Gastroenterology, Hepatology and Nutrition; and the Pediatric Academic Societies

11:30am–1:30pm

6710 Countering Misinformation About Vaccine Safety
PAS/PIDS Hot Topic ~ HCC, Room 313B

Target Audience: Dealing with vaccine-hesitant parents and responding to aggressive misinformation attacks about vaccine safety are frequent issues facing pediatricians, particularly those at academic medical centers and those in the Pediatric Infectious Diseases community. Thus the target audience will be PIDS members and others who deal with these issues.

Objectives:

- Describe the development of misinformation about vaccines
- Help counter misinformation about vaccines
- Assist vaccine hesitant parents

Chairs: Martin G. Myers, University of Texas Medical Branch and the National Network for Immunization Information, Galveston, TX; and Yoshikatsu Eto, Tokyo Jikei University, Japan

The widespread use of childhood vaccines make them perfect scapegoats for conditions of unknown cause, such as asthma, diabetes, SIDS, and autism. When concerns are first raised, there may be little data to confirm or reject an association, leading to periods of scientific uncertainty. During periods of uncertainty, public health decisions still need to be made despite communications with the public being complex. Misinformation confuses parents, some become vaccine hesitant. This workshop will begin with four 30 minute presentations addressing the development and dissemination of misinformation, decision-making during periods of uncertainty, the evolution of parental vaccine hesitancy, and the impact of the media on communications about vaccine safety. The speakers will then lead a 40 minute discussion about countering vaccine misinformation and managing vaccine hesitant parents.

11:30 The Evolution of Misinformation From Missing Information: Unintentional and Intentional Misinformers

Martin G. Myers, University of Texas Medical Branch and the National Network for Immunization Information, Galveston, TX

11:50 Managing Public Health Decisions in the Face of Vaccine Safety Uncertainty: The Examples of Rhesus Rotavirus Vaccine and Thimerosal

Walter A. Orenstein, Emory University School of Medicine, Atlanta, GA

12:10 The Role of the Media in Enhancing Misinformation

Diego Pineda, National Network for Immunization Information, Galveston, TX

12:30 The Evolution of the Vaccine Hesitant Parent

Edgar K. Marcuse, Children's Hospital & Regional Medical Center, Seattle, WA

12:50 Discussion

Program developed by the Pediatric Infectious Diseases Society and the Pediatric Academic Societies

11:30am–1:30pm

6715 Innovative Ventilation for Infants: From High Tech to Non Invasive Respiratory Support

PAS Hot Topic ~ HCC, Ballroom B

Target Audience: Neonatology, pediatric pulmonary, pediatric intensive care and pulmonary physiology.

Objectives:

- To select the best alternative for respiratory support in neonates with different causes of respiratory failure
- To recognize the benefits and limitations of newer options for respiratory support in infants

Chairs: Eduardo Bancalari, University of Miami School of Medicine, Miami, FL; and Martin Keszler, Georgetown University, Washington, DC

There are a number of innovations for neonatal ventilation that are being used clinically. Other innovations are being developed and tested. This symposium will present new information about the use and abuse of new approaches to ventilation of infants. The presentations will emphasize how physiology can be translated into patient care strategies.

11:30 Overview

Eduardo Bancalari, University of Miami School of Medicine, Miami, FL

11:35 Neurally Adjusted Ventilatory Assist

Jennifer C Beck, Sunnybrook Health Sciences Center, Toronto, Canada

11:55 Adaptive Ventilation of the Newborn

Nelson Claure, University of Miami School of Medicine, Miami, FL

12:15 HFOV vs. HFJV - 2008

Jane Pillow, University of Western Australia, Australia

12:35 Non Invasive Ventilation

Keith J. Barrington, McGill University Health Centre and Royal Victoria Hospital, Montreal, Canada

12:55 Discussion

11:30am–1:30pm

6720 Health Services Research III

Platform Session ~ HCC, Room 318AB

Chairs: Michael Cabana and Denise M. Dougherty

- 11:30 Do Physician Reports of URI Diagnoses Meet Evidence-Based Diagnostic Criteria?.** E. Cox, R. Mangione-Smith. *Publication 6720.1*
- 11:45 Quality of Primary Care and Subsequent Pediatric Emergency Department Utilization in a Statewide Medicaid Program.** David C. Brousseau, Marc H. Gorelick, Raymond G. Hoffmann, Glenn Flores, Ann Nattinger. *Publication 6720.2*
- 12:00* Healthcare Transitions: Transfer of Care from Pediatric to Adult Providers for Low Income Adolescents with and Without Asthma.** Deepa R. Camenga, Jonathan D. Klein, Peter G. Szilagyi, Howard Brill, Severin Flanigen. *Publication 6720.3*
- 12:15 Telemedicine (TM) Reduces Emergency Department (ED) Utilization in Urban Children.** Kenneth M. McConnochie, Nancy E. Wood, Neil E. Herendeen, Phillip K. Ng, Klaus J. Roghmann. *Publication 6720.4*
- 12:30 An Integrated Intervention Designed To Reduce Psychobehavioral Risk Has Varying Efficacy on Targeted Risk Factors in a Population of High Risk Pregnant African Americans.** Ayman A.E. El-Mohandes, Michele Kiely, Marie G. Gantz, M. Nabil El-Khorazaty. *Publication 6720.5*
- 12:45 Preventive Dental Care for Medicaid Insured Children: As Easy as ABCD?.** Charlotte Lewis, Elizabeth Teeple, Andrea Robertson, Alexis Williams. *Publication 6720.6*
- 1:00 Too Many, Too Few, or Just Right? A National Survey of Practicing Pediatricians Assessing the Pediatric Subspecialty Supply.** Richard Shugerman, Scott Shipman, William Cull, Mary Rimsza, Karen O'Connor, Beth Pletcher. *Publication 6720.7*
- 1:15 Prevalence of Psychotropic Medication Rx in a National Sample of School-Age Boys Seen for Well-Child Care.** Richard Wasserman, Jennifer Steffes, Donna Harris, Eric Slora, Marcia Herman-Giddens. *Publication 6720.8*

11:30am–1:30pm

6725 Hospitalist Medicine II

Platform Session ~ HCC, Room 314

Chairs: Douglas W. Carlson and Patrick Conway

- 11:30 Pediatric Hospitalist Time Motion Study.** Rachel B. Wohlberg, Joel Nazdin, Robin A. Scott, Mary C. Ottolini. *Publication 6725.1*
- 11:45 Inpatient Care of Children with Complex Medical Conditions: A Study from the Pediatric Research in Inpatient Settings (PRIS) Network.** Allison Ballantine, Chris Feudtner. *Publication 6725.2*
- 12:00 Current Trends in Practice of Family Centered Rounds: A Study from the Pediatric Research in Inpatient Settings (PRIS) Network.** Vineeta Mittal, Ted Sigrest, Lonnie Roy, Mary Ottolini, C. Landrigan, Brian Kit, Daniel A. Rauch. *Publication 6725.3*
- 12:15 Current Roles and Training Needs of Pediatric Hospitalists: A Study from the Pediatric Research in Inpatient Settings (PRIS) Network.** Jennifer Maniscalco, Mary C. Ottolini, Niramol Dhepyasuwan, Chistopher Landrigan, Erin Stucky. *Publication 6725.4*
- 12:30 Enhancing Faculty's Teaching Skills in Family-Centered Bedside Rounds (FCBR): A Model for Faculty Development.** Rachel B. Wohlberg, Mary C. Ottolini, Benjamin C. Blatt, Karen L. Lewis, Swati Jain, Sandra Cuzzi, Craig De Wolfe, Jennifer L. Maniscalco, Jennifer Owens, Joann M. Spinale, Larrie Greenberg. *Publication 6725.5*
- 12:45* The Effect of Race on Length of Stay.** Svetlana Katsnelson, George E. Fryer, Jr., Daniel A. Rauch. *Publication 6725.6*
- 1:00 Identifying and Prioritizing Pediatric Conditions for Quality Improvement.** Michael Mundorff, Raj Srivastava, Chris Maloney, Ed Clark, Carolyn Reynolds, Karen Valentine, Brent James. *Publication 6725.7*
- 1:15 An Innovative Collaborative Model for Pediatric Residency Inpatient Training.** Anna M. Carr, Allan M. Arbeter, Matilde Irigoyen, Robert S. Wimmer, Robert S. McGregor, Charles Reed. *Publication 6725.8*

11:30am–1:30pm

6730 Neurodevelopmental Outcome - Is It Predictable?

Platform Session ~ HCC, Ballroom A

Chairs: Terrie E. Inder and Seetha Shankaran

- 11:30 Neonatal White Matter Abnormalities Predict Neurocognitive Outcome in Children Born Very Preterm.** Lianne J. Woodward, Patricia R. Champion, Nicola C. Austin, Terrie E. Inder. *Publication 6730.1*
- 11:45 Reduced Visual Acuity in VLBW Adolescents – A Cerebral DTI Correlate.** Susanne Lindqvist, Torgil Vangberg, Olav Haraldseth, Ann-Marie Brubakk, Jon Skranes. *Publication 6730.2*
- 12:00* Neurodevelopmental Outcomes of Premature Infants with Unilateral Versus Bilateral Intraparenchymal Echodensities, a Multicenter Study.** Nathalie Maitre, Wayne Price, Charles Maxfield, Diane Marshall, Tara Bastek, Ricki Goldstein. *Publication 6730.3*
- 12:15* Entorhinal Cortical Thinning and Low IQ in Very Low Birth Weight Adolescents.** Marit Martinussen, Jon S. Skranes, Gro C. Lohaugen, Olav Haraldseth, Bruce Fiscl, Anders M. Dale, Ann-Mari Brubakk. *Publication 6730.4*
- 12:30* The Predictive Power of a Clinical Intuition of "Die in the NICU" for School-Readiness at 5 Years.** Athena Patrianakos, Joanne Lagatta, Michael Schreiber, Bree Andrews, Michael Msall, William Meadow. *Publication 6730.5*
- 12:45* Neonatal Resuscitation and Childhood Cognitive Outcomes.** David E. Odd, Andrew Whitelaw, David Gunnell, Glyn Lewis. *Publication 6730.6*

- 1:00*** **Neuropsychological Deficits in Very Low Birth Weight (VLBW) Young Adults with Normal IQ.** Gro C. Lohaugen, Ann-Mari Brubakk, Jon S. Skranes. *Publication 6730.7*
- 1:15** **Developmental Coordination Difficulties at School Age in an Extreme Low Birthweight Cohort.** D. Creighton, J. Heath, D. Anseeuw-Deeks, R. Sauve. *Publication 6730.8*