

2010 PAS SCIENTIFIC PROGRAM  
HIGHLIGHTS

VANCOUVER  
 PAS 2010

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The Pediatric Academic Societies (PAS) encourage and invite support for the Hot Topics, State of the Art Plenary, Topic Symposia, Mini Courses and Educational Workshops. Providing an educational grant is an excellent opportunity for you to show commitment to the mission of our societies. If interested in providing this type of support, see "2010 PAS Marketing & Sponsorship Opportunities."



## Hot Topics

*These symposia focus on areas of rapid discovery and excitement and address current and often controversial issues. They seek to stimulate new areas of research or interactions.*

- Addressing Vaccine-Preventable Diseases in the Developing World
- Biologic Mechanisms, Physiologic Effects and Clinical Use of Therapeutic Hypothermia
- Collaborative Models of Care: Integrated Behavioral and Mental Health Services and Resident Training in Primary Care
- Health Care Reform: What Went Right and What Went Wrong
- Health Information Technology: Talk of the Town and Untapped Potential for Pediatrics
- Optimizing the Outcome of ELBW Preterm Infants: How Can We Reduce the Risk of Neurodevelopmental Impairment?

## Mini Courses

*Mini Courses target new, broad-based clinical strategies or techniques. The emphasis is on practical and useful information for the practicing physician or provider of care. These programs are designed to be highly interactive.*

- A Compendium of Strategies for the Reduction and Control of Health Care Associated Infections and Necrotizing Enterocolitis in the NICU
- Developing a National Innovation and Improvement Network to Improve Outcomes for Pediatric Emergency Care
- Developing Women as Leaders in Academic Pediatrics
- Leadership Skills for Academic Pediatricians
- New Approaches to Feeding the LBW Infant After Hospital Discharge to Optimize Growth and Development in Early Childhood
- Telemedicine Program Establishment and Applications in Pediatrics: Improving Quality of Care and Addressing Access Barriers

## State of the Art Plenaries

*The State of the Art Plenary Sessions are forums for the presentation of new developments and seminal advances in biomedical research. They consist of invited lectures from international leaders in the field and are designed to be of interest to a very broad range of attendees.*

- Advances in Etiologic Studies of Kawasaki Disease
- An Update on Pediatric Drug Development Trials
- Assessing the Effectiveness of Child Preventive Services — Challenges and Opportunities?
- Children, Adolescents and the Media: What We Know, What We Don't Know and What We Need to Find Out (Quickly!)

- Emerging Role of Epigenetics in Pediatrics
- From Cell to Society: An Evidence-Based Approach to Address Social Determinants of Child Health and Development
- Genetic Mapping in Humans
- Global Child Health: Exploring Effective Models to Guide Cross-National Collaborations in Research, Training and Clinical Care
- Malaria Eradication: Is It Possible?
- Neuroimaging for Prognosis in Preterms: Ultrasound or MRI or Neither?
- New Developments in the Pathogenesis and Treatment of Childhood Pulmonary Arterial Hypertension
- Societal Approaches to the Childhood Obesity Epidemic

## Topic Symposia

*Topic Symposia address issues and controversies around topics of interest to a particular audience. As such, they are generally focused on a more specific topic than the State of the Art Plenary.*

- Addressing Youth Violence Across the Clinical Spectrum: Prevention and Intervention
- Advances in Autism Research: New Findings, New Implications, New Approaches
- Auto Immune
- Beyond Growth and Puberty: Sex Hormones and Adolescent Disease
- Biomarkers in Pediatric Disease
- Blood Transfusions in Preterm Infants: Controversies on Risks and Benefits
- Cardiology
- Challenges in Adolescent Reproductive Health
- Clinical Effectiveness and Comparative Effectiveness Research: A New Era in Pediatric Health Services Research and Quality Improvement
- Clinical Research Networks: Challenges in Translating Research Results to the Clinic
- Critical Care Nephrology: New Concepts in Sepsis
- CTSA: Changing the Environment for Pediatric Translational Research
- CTSA: Regulatory Challenges in Pediatric Research
- Developing Safe and Effective Devices and Instruments for Use in the Neonatal Intensive Care for the 21<sup>st</sup> Century
- Diabetes: Beyond Type 1 & 2
- Dilemmas in Caring for the Infant with Intestinal Failure: State of the Art Management in 2010
- Effective Teamwork, Communication and Patient Handovers: Mitigating Fragmentation of Patient Care
- Endocrine Disruptors: Impact on Child Health
- Ethical Dilemmas In Pediatric Specialty Care: How Do We Provide an Ethical Framework for Decision Making in Specialty Care in Pediatrics; What is Extreme Care?
- Gender Identity Disorder in Children and Adolescents: Diagnosis, Developmental Perspective, Management and Follow-up Data
- Genomic Variation and Genomic Medicine: A Revolution in Pediatric Practice



- Identifying and Preventing Pediatric Hearing Impairment: Are We There Yet?
- Infection and the Neonatal Brain
- Infections in the Critically Ill Child and Neonate
- Innate Immunity in the Newborn: So Many Pathogens, So Little Time
- Iron: Too Little, Too Much and Why
- Management of the Febrile Child – A 21<sup>st</sup> Century Approach?
- Neonatal and Infant Hypertension
- Neonatal Neuroprotection Trials: Challenges & Opportunities
- Obesity Starts in the Womb
- Oxidative Stress in the Fetus and Newborn: Where Are We Now?
- Quality Improvement in Training Programs: Making a Good Thing Better
- S-Nitrosothiol Signaling in Pulmonary Pathophysiology: Shadow Government or Reigning Power?
- Stem Cell Therapies for Diseases of Childhood
- Sudden Unexpected Death in Infants and the Infant Sleep Environment: Physiology, Epidemiology and Prevention
- Systems Biology: The Pathway to Personalized Medicine
- The Brain and Hypertension
- The Family Centered Medical Home (FCMH): Specific Considerations for Child Health Research and Policy
- The Human Microbiome: Determinant of Human Disease
- The Inflamed Esophagus: Reflux Disease and Barretts, Caustic Ingestions and Eosinophilic/Allergic Esophagitis
- Translating Research into Practice
- Vaccine Public Policy
- What Do We Know About the Etiology and Prevention of Preterm Birth?

## Educational Workshops

Workshops will be presented, and offerings for 2010 will focus on practical topics of concern for trainees and junior scholars and on medical education, research, clinical issues, health services delivery and advocacy. Offerings for 2010 can be found on the PAS website at [www.pas-meeting.org](http://www.pas-meeting.org) after December 1, 2009.