

2009 PAS SCIENTIFIC PROGRAM HIGHLIGHTS



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 "2009 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.

- ❖ Carcinogenic Risks from Childhood and Fetal Diagnostic Radiological Exposures
- ❖ Epigenomic Changes Related to Environmental Exposures in Children
- ❖ How Much Do We Know and When and How Do We Put it into Practice?
- ❖ Increasing Energy and Food Prices and Their Impacts on Child Health and Development
- ❖ The Developing Gastrointestinal Tract: A Nexus for Future Health?
- ❖ The Limits of Viability: Practical Aspects for the Clinical Neonatologist
- ❖ Vaccine Advocacy in an Era of Controversy and Concern: From Science to Practice to Policy

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.

- ❖ Assessing the Quality of Pediatric Care: Moving into the Mainstream of Clinical Care
- ❖ Care of Children with Special Healthcare Needs (CSHCNs): Best Practices and Best Policies
- ❖ Developmental Origins of Adult Disease
- ❖ Drug Development Pathways for Uniquely Pediatric Conditions: Toxicology, Ethics and Policy
- ❖ Gestational Diabetes: Pathogenesis and Long-Term Complications
- ❖ Global Child Health Research
- ❖ "Losing Connectivity" Following Neonatal Brain Injury: Going Beyond the Pictures
- ❖ Managing Sepsis
- ❖ Maximum Impact: Translating Pediatric Research into Policy
- ❖ Neonatal Hyperbilirubinemia in Developing Countries
- ❖ New Tools for the Diagnosis of Infectious Diseases
- ❖ Nutritional Programming in the IUGR - DNA Methylation and Histone Modifications
- ❖ Pediatric Clinical Research Networks: 20th Century Infrastructures, 21st Century Challenges
- ❖ Personalized Medicine: Social & Ethical Issues in Screening for Genetic Disease and Susceptibility
- ❖ Transcriptional Regulation of Normal and Abnormal Lung and Cardiovascular Development

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.

- ❖ Academic Pediatric Clinical Research and Implementation of the NIH Roadmap CTSA Program
- ❖ Advances in Diabetes: CFRD, Post-Renal Transplant Diabetes and Oxidative Stress
- ❖ Anxiety Disorders in Children and Adolescents
- ❖ Biology of Emerging Therapeutic Challenges and Opportunities in Critical Care Medicine
- ❖ Celiac Disease: New Developments
- ❖ Child Protection: Lessons Learned, Future Priorities - Research, Practice and Policy
- ❖ Developmental Screening Tests: All-For-One or One-For-All?
- ❖ Eliminating Catheter-Associated Blood Stream Infections: Spreading Effective Strategies and Understanding National Policies & Efforts
- ❖ Energy Crisis: The Clinical Presentation, Diagnosis and Management of the Mitochondrial Disorders - Any Age, Any Organ
- ❖ Enhancing Newborn Neuroprotection: Hypothermia Plus?
- ❖ Environmental Contributions to Autism Risk
- ❖ Environmental Influences on Development Disorders and Dysfunction in Young Children
- ❖ Ethical Challenges in Pediatric Biobanks: Balancing Risks and Benefits
- ❖ Family-Centered Care: Current Applications and Directions for Future Research
- ❖ Fish Oil for Babies and Children: Do They Need It and What Does It Do?
- ❖ From Epidemiological Description to Policy Prescription: Confronting Socioeconomic Disparities in Child Health Across Three Nations
- ❖ Heart and Brain: Brain Injury and Development in Newborns with Congenital Heart Disease
- ❖ How to Succeed in Patient Safety for Children
- ❖ Infection Control Issues in Level IIIC NICUs
- ❖ Keeping Teens Safe on the Road - What's Known, How to Do It, and What the Future Holds
- ❖ Mechanisms of Reward, Stress, and Obesity
- ❖ Molecular Intervention for Children with Juvenile Idiopathic Arthritis (JIA)
- ❖ Neonatal Immunity and Infection
- ❖ Neonatal Venous Thrombosis
- ❖ New Insights into the Regulation of Ion Transport in the Aldosterone Sensitive Distal Nephron
- ❖ Obesity and Chronic Disease
- ❖ Osteoarticular Infections: New Insights
- ❖ Parent-Infant Feeding Interactions and the Early Life Origins of Obesity
- ❖ Pediatric Critical Care Scientist Development Program (PCCSDP)
- ❖ Pediatric Obesity: Predisposing Factors, Energy Expenditure and Complications
- ❖ Practice-Based Learning and Improvement - Teaching and Evaluation in Residency and Fellowship Training
- ❖ Prebiotics, Probiotics, and Synbiotics: Which -biotic is Right for Children?
- ❖ Professionalism: Teaching and Assessment Across the Continuum of Medical Education
- ❖ Statistical Advances for the Evaluation of Childhood Vaccines

2009 PAS Scientific Program Highlights

- ❖ The Renin-Angiotensin-Aldosterone System in 2009
- ❖ The Role of Non-Profit Organizations in Improving Pediatric Health Care Around the World
- ❖ The Role of the Gut Microbiome in Children's Health and Diseases
- ❖ Usefulness of Ambulatory Blood Pressure Monitoring (ABPM)

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.

- ❖ Beyond TORCH - A Possible Role of New Infectious Mechanisms During Neurodevelopment as a Cause of Neurological-Mental Disorders (NMD's) of Unknown Etiology
- ❖ Common and Not So Common Causes of Bleeding in Children: Understanding How and When to Worry About Coagulopathies or Child Abuse
- ❖ Contributing Factors that Influence the Relationship Between Environmental Exposures and Children's Health
- ❖ Current Controversies in Newborn Screening
- ❖ Development of Essential Leadership Skills
- ❖ Disorders of Sex Development (DSD) - When to Tell the Patient?
- ❖ Ethical Issues in Manuscript Preparation and Publishing - A Roundtable Discussion
- ❖ Klinefelter Syndrome: Diagnosis and Management in Adolescence
- ❖ Meeting the Evaluation Needs of Behavioral and Public Health Interventions
- ❖ Pediatric Palliative Care: Providing Comprehensive Care for Children with Life-Limiting Illnesses
- ❖ Prenatal Exposure to Maternal Mood Disturbances and SSRI Antidepressants: Developmental and Behavioral Outcomes During Childhood
- ❖ Update on Immunoglobulin Therapy/Immunoglobulin Therapy
- ❖ Using Emerging Technology in Clinical Practice, Education and Research

Educational Workshops

Workshops will be presented, and offerings for 2009 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 2009 can be found on the PAS website at www.pas-meeting.org after December 1, 2008.



Baltimore Arts Tower



Baltimore Skyline at Night