

Hot Topics

- Expanded Newborn Screening: It's Not Just PKU Anymore
- Obesity—Should We Bypass Soft Drinks or the Stomach?
- Viral Infections During Pregnancy: Management and Prevention of Mother-to-Child Transmission
- Vitamin D During Pregnancy and Lactation: Do Mothers and Babies Need Screening for Deficiency or Supplementation Above the New Recommendations from the Institute of Medicine and the AAP?

Mini Courses

- Essential Skills to Develop the Leader Within You
- Implications of Part-Time/Flexible Work and Training on Departments, Divisions, and Society
- Is There a Doctor in the House?
- Mentoring Programs and Relationships: Essentials for Professional and Personal Development
- Simulation as an Educational Strategy

Special Symposia

- Educational and Fiscal Challenges of Duty Hour Regulations
- Open Forum on the Task Force on Subspecialty Clinical Training and Certifications
- PAS Opening General Session

State of the Art Plenaries

- Children in Disasters; Are We Ready? A Reproducible Model for Comprehensive Pediatric Regional Disaster Management from Field Triage through Pediatric Critical Care
- Clinical Implementation of Individual Complete Genome Sequencing in Children
- Consequences of Childhood Poverty: Implications for Pediatric Practice and Research
- Criteria for Assessing the Reliability, Validity and Feasibility of Healthcare Quality Measures
- Drug Discovery Strategies for Rare and Neglected Diseases in Children
- Election 2012: A National Agenda for Children and Adolescents
- Innovations in Non-Invasive Hemodynamic Monitoring During Neonatal Intensive Care
- New Cell-Based Therapies for Bronchopulmonary Dysplasia
- Oxygen Saturation Targets in Premature Neonates: The Dilemma & The Debate.
- Perinatal Inflammation and Neonatal Illness
- Stem Cell-Based Therapies for the Treatment of Disease
- The I-PASS Study: Standardizing Handoffs to Improve Patient Safety
- The Science of Equity in Children's Health: Honoring the Scientific Legacy of Barbara Starfield

Topic Symposia

- 21st Century Vaccines

- Angiogenesis and Vasculogenesis in Diseases of the Premature Infant: Novel Targets and Therapies
- Barriers to Optimal Nutrition in the Premature Infant
- Child Health Policy and Comparative Effectiveness Research: Grand Challenges and Great Opportunities
- Creating Evidence-Based Management Pathways for Children with Autism Spectrum Disorders: Strategies Linking Science to Clinical Practice in Times of Scarce Resources
- Developmental Origins of Adult Disease: How do We Determine Who is at Risk?
- Donor Specific Antibodies and Transplantation—Your Questions Answered
- EHR Research Networks: Extracting New Knowledge from the Electronic Tools of Patient Care
- Emerging Concepts and Practical Applications of Neonatal Parenteral Nutrition for ELBW Infants
- Emerging Issues in Sexually Transmitted Infections
- Endocrine Disrupting Chemicals: What Pediatricians Need to Know about Emerging Chemicals of Concern
- Ethical Considerations In Neonatal Clinical Research
- Extracorporeal Circuits—Beyond Renal Failure Indications
- Gastric Reflux, Airway Disease and Chronic Lung Disease
- Genomic Associations with Morbidity in Extremely Low Birth Weight Infants
- The Global Crisis of Childhood Diarrhea
- Gut in Control: Gastrointestinal Peptide Hormones Regulating Energy and Glucose Homeostasis
- Health Care Delivery: Transforming our System from Fragmentation to Integration
- HHV-6 Infection in Childhood
- Hypertension in the Post-Transplant Patient
- Improving Decision-Making in Pediatric Care: Evidence-Based Approaches
- Infectious Hepatitis B and C: Prevention and Treatment—2012
- Intestinal Epithelial Defense: Role in Pediatric Diseases
- L-Arginine Homeostasis: Novel Master Switch in Respiratory Structure and Function?
- Lifecourse Research: State of the Art Science
- Long-Term Outcomes of Children with Congenital Heart Disease
- Maternal Immunization to Prevent Maternal and/or Infant Disease
- Meaningful Assessment of Pediatric Learners—From Competencies to Milestones, EPAs to Evaluation
- Microarrays and Whole Exome Sequencing Provide a Window into Developmental Brain Disorders
- Micronutrient Deficiency and Infection: A Major Problem in Global Child Health
- Molecular Basis and Disorders of Pubertal Development
- Monogenic Forms of Hypertension
- Neonatal Acute Kidney Injury
- Neonatal Lung Disease: Origins and Repercussions
- New Insights into the Neuropathology of Neonatal White Matter Injury: Implications of Understanding Pathogenesis, Neurodevelopmental Outcome and Targets for Therapy
- Progressing from PITANDS and PANDAS to PANS (Pediatric Acute-onset Neuropsychiatric Syndrome)
- Promoting Pediatric Therapeutics
- Risk Factors for Necrotizing Enterocolitis: An Evidence-Based Perspective
- Sickle Cell Disease: Critical Issues
- The Development of our Obesogenic Environment: How Did We Get Here and How Do We Get Out?
- The Ethical Limits of Incidental Findings
- The Kidney in Multi-Organ System Disease
- The Missing Link: The Role of the Placenta in Perinatal Brain Injury

- The Need for Transdisciplinary Team Science to Solve the Big Problems in Human Health: The Case of Preterm Birth
- The Neonate Meets the Microbiome
- Transforming Pediatric Mental Health Care through the Science of Behavior Change
- Update on Diagnosis and Treatment of Pediatric Community-Acquired Bacterial Pneumonia
- Use of Performance Enhancing Drugs in Adolescents
- What can Context Teach Us? Assessing the Impact of Environmental Hazards on Neurological Disorders in the Developing World