



**Pediatric
Infectious
Diseases
Society**

May 14–17, 2005
Washington Convention Center and
Grand Hyatt Washington Hotel

Saturday, May 14	Sunday, May 15	Monday, May 16	Tuesday, May 17
<p>8:00am – 11:00am PAS Mini Course • Neonatal Immunology— Relevance to the Clinician</p> <p>3:15pm – 5:15pm PAS/PIDS Original Science Abstracts • Neonatal Infectious Diseases Platform Session</p> <p>3:15pm – 5:15pm APA Special Interest Group • AIDS/HIV</p> <p>5:15pm – 7:15pm PAS/PIDS Posters I, Exhibits and PAS Opening Reception • Neonatal Infectious Diseases Posters</p>	<p>7:00am – 8:00am Meet the Professor Breakfast • Infectious Diseases: Sarah Long (for trainees and junior faculty)</p> <p>8:00am – 10:00am PAS/PIDS Hot Topic • Community-Acquired Staphylococcal Disease: New Twists for a Traditional Pediatric Pathogen</p> <p>10:15am – 11:45am APS Presidential Plenary and Awards</p> <p>11:45am – 1:45pm PAS/PIDS Posters II and Exhibits • Infectious Diseases Posters</p> <p>2:00pm – 4:00pm PIDS/PAS Topic Symposium • Update on Human Milk Immunobiology and Infectious Diseases: New Insights and Current Controversies</p> <p>4:15pm – 5:45pm PAS State of the Art Plenary Sessions • Clinical Trial Registries: Challenges and Opportunities (Public Policy Plenary—ends at 6:15pm) • Crossing the Pediatric Quality Chasm • Stem Cell Research</p>	<p>8:00am – 10:00am PAS/PIDS Original Science Abstracts • Infectious Diseases Platform Session</p> <p>10:15am – 12:00pm SPR Presidential Plenary and Awards</p> <p>12:00pm – 1:00pm Neonatal Sepsis Club</p> <p>1:00pm – 2:45pm March of Dimes Prize in Developmental Biology Lectures</p> <p>2:00pm – 4:00pm PIDS/PAS Topic Symposium (PIDS Symposium) • Virus–Host Interactions: Mechanisms Underlying Persistent Viral Infections</p> <p>4:00pm – 5:00pm PIDS 2nd Annual Stanley A. Plotkin Lecture in Vaccinology • Samuel L. Katz</p> <p>5:00pm – 6:00pm PIDS Business Meeting</p> <p>6:15pm PIDS Annual Dinner and Awards Banquet (Grand Hyatt Washington Hotel)</p>	<p>10:15am – 11:45am PAS State of the Art Plenary Sessions • Children’s Health and the Federal Government: Research and Public Health Policy • Pediatric Biopreparedness: Dual-Use Systems for Everyday and Times of Trouble</p>





The Pediatric Infectious Diseases Society is organized exclusively for scientific and educational purposes and not for profit. Its purpose is to enhance the health of infants, children and adolescents by promoting excellence in diagnosis, management and prevention of infectious diseases through clinical care, education, research and advocacy.

Join us in Washington, DC, where the Pediatric Infectious Diseases Society (PIDS) and the Pediatric Academic Societies (PAS) will host tightly aligned programs again this year. PIDS symposia, joint symposia and original science will all be held at the Washington Convention Center. Contact Christy Taylor at the PIDS Office for information regarding the PIDS Dinner and Awards Program on Monday evening, May 16th.

Registration Information

As in the past, there will be a single registration fee for the meeting set at the PAS registration fee schedule. Register by March 15th for substantial savings. Refer to page 102 of this guide for details

Housing Information

The Grand Hyatt Washington is the headquarter hotel for PIDS. A special block of rooms has been set aside for PIDS attendees. Please indicate you are a PIDS attendee when you register for housing. Housing may be reserved online at www.pas-meeting.org or refer to the housing form on page 101.

Contact Information

Contact for PIDS information:
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Contact for housing, registration and general information:

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Continuing Education Credit

Continuing Education is through the PAS. See page 4 for complete information.

Saturday, May 14

8:00am–11:00am

4103 Neonatal Immunology— Relevance to the Clinician

PAS Mini Course

Chair: E. Richard Stiehm, Mattel Children's Hospital at UCLA, Los Angeles, CA

Developmental immunology, immunotherapy for the neonate with infection, diagnosis of immunodeficiency and relevance to the development of allergy will be discussed.

Target Audience: Pediatricians who care for newborns, including neonatologists dealing with premature, high-risk newborns.

Overview

E. Richard Stiehm, Mattel Children's Hospital at UCLA, Los Angeles, CA

Transient and Congenital Immunodeficiencies of the Newborn: Recognition and Management

David B. Lewis, Stanford University Medical Center, Stanford, CA

Newborn Immunity as a Predictor for the Development of Wheezing and Allergy

James E. Gern, University of Wisconsin Medical Center, Madison, WI

Immunologic Intervention in the Newborn: Relevance to Newborn Infections

Harry R. Hill, University of Utah School of Medicine, Salt Lake City, UT

3:15pm–5:15pm

Neonatal Infectious Diseases Platform Session

PAS/PIDS Original Science Abstracts

Original Science Abstract Programs (Set in February 2005)

3:15pm–5:15pm

4890 AIDS/HIV

APA Special Interest Group

Chairs: Nancy Hutton, Johns Hopkins University School of Medicine, Baltimore, MD; and Lois Chandler Howland, University of Massachusetts Worcester, Worcester, MA

HIV/AIDS is becoming increasingly prevalent among the U.S. adolescent population due to "aging up" of perinatally infected children and to adolescents becoming infected through high-risk behaviors. Providing effective health education to reduce HIV transmission risk, offering accessible and confidential HIV counseling and screening and identifying effective strategies to improve HIV treatment adherence among adolescents are the key issues to be addressed in the AIDS/HIV Special Interest Group meeting this year. An interactive format will bring clinicians and researchers together to provide the most recent information and to discuss the most effective approaches to these issues.

5:15pm–7:15pm

Neonatal Infectious Diseases Posters, PAS Posters I, Exhibits and PAS Opening Reception

Original Science Abstract Programs (Set in February 2005)

Sunday, May 15

7:00am–8:00am

5053 Infectious Diseases

Meet the Professor Breakfast ~ for trainees and junior faculty

This interactive session is designed to provide trainees and junior faculty with insight and advice concerning the pursuit of an academic career in pediatric infectious diseases. Infectious diseases includes a wide variety of career goals. Specific attention will be given to describing approaches to obtaining the best possible training to match individual goals—in clinical infectious diseases, epidemiology, as well as in basic and applied research. The discussion also will include perspectives especially useful for junior faculty on getting known, getting published and getting promoted.

Sarah S. Long, Professor of Pediatrics, Drexel University College of Medicine, Chief, Section of Infectious Diseases, St. Christopher's Hospital for Children, Philadelphia, PA

8:00am–10:00am

5102 Community-Acquired Staphylococcal Disease: New Twists for a Traditional Pediatric Pathogen

PAS/PIDS Hot Topic

Chairs: Stephen I. Pelton, Boston University School of Medicine, Boston, MA; and Sheldon L. Kaplan, Baylor College of Medicine, Houston, TX

Community-acquired, methicillin-resistant Staphylococcal disease has been reported with increasing frequency from multiple geographic locations in the United States over the past several years. This symposium will present current data on the epidemiology, molecular genetics and clinical aspects of these evolving pathogens, as well as on infection control practices that may be useful for prevention.

Target Audience: Scientists and clinicians from the following disciplines: pediatric infectious disease, community pediatricians, pediatric emergency department and public health.

Community-Acquired Staphylococcal Disease: New Twists for a Traditional Pediatric Pathogen

Stephen I. Pelton, Boston University School of Medicine, Boston, MA

Epidemiology of Community-Acquired, Methicillin-Resistant *Staphylococcus aureus*

Daniel B. Jernigan, Centers for Disease Control and Prevention, Atlanta, GA

Molecular Genetics of *Staphylococcus aureus*

Robert S. Daum, The University of Chicago, Chicago, IL

Clinical Implications of Community-Acquired, Methicillin-Resistant *Staphylococcus aureus*

Sheldon L. Kaplan, Baylor College of Medicine, Houston, TX

Prevention and Control of Methicillin-Resistant *Staphylococcus aureus*

Donald A. Goldmann, Children's Hospital Boston, Boston, MA

Sponsored jointly by the Pediatric Infectious Diseases Society and the Pediatric Academic Societies

10:15am–11:45am

5350 APS Presidential Plenary and Awards**2005 APS Presidential Address**

Elizabeth R. McAnarney
University of Rochester Medical Center, Rochester, NY

53rd Annual John Howland Award

Mary Ellen Avery
Thomas Morgan Rotch Distinguished Professor of Pediatrics, Harvard Medical School; Physician-in-Chief, Emerita, Children's Hospital, Boston, MA

Joseph W. St. Geme Jr. Leadership Award*

**Presented by the Federation of Pediatric Organizations on behalf of the Ambulatory Pediatric Association, American Academy of Pediatrics, American Board of Pediatrics, American Pediatric Society, Association of Medical School Pediatric Department Chairmen, Association of Pediatric Program Directors and the Society for Pediatric Research*

11:45am–1:45pm

Infectious Diseases Posters

PAS/PIDS Posters II & Exhibits

Original Science Abstract Programs (Set in February 2005)

2:00pm–4:00pm

5522 Update on Human Milk Immunobiology and Infectious Disease: New Insights and Current Controversies

PAS/PIDS/Milk Club Topic Symposium

Chairs: Mark R. Schleiss, University of Minnesota Medical School, Minneapolis, MN; and Lawrence M. Gartner, Professor Emeritus, University of Chicago, Chicago, IL

The importance of human milk feeding to reduce risk of infectious disease in infants is undisputed among pediatricians. Nevertheless, more data are needed about the basic biology of human milk, particularly in relation to specific health and developmental effects on term and premature infants. There have recently been significant advances in the understanding of the immunobiology of breast milk, particularly with respect to the role of oligosaccharides in protection against diarrheal disease, and new insights into interrelationships between breast milk and gut immune responses. In addition to presenting these new research data, this session will also review clinical controversies in breast feeding practice, including issues of milk storage and the potential for transmission of infectious pathogens, in particular cytomegalovirus, via human milk. Areas of need for future clinical and basic research will be emphasized.

Target Audience: Clinicians responsible for the care of newborn infants, particularly premature infants; neonatologists, gastroenterologists, infectious diseases physicians and general pediatricians; and basic scientists conducting research on human milk, secretory immunity.

The Future of Breast Milk Research: What Do We Need To Learn?

Lawrence M. Gartner, Professor Emeritus, University of Chicago, Chicago, IL

Human Milk Oligosaccharides and Their Role in Protection Against Gastroenteritis

Ardythe L. Morrow, Cincinnati Children's Hospital Medical Center, Cincinnati, OH

Infectious Diseases and Human Milk: Does Cytomegalovirus Pose a Risk to the Breast-fed Infant?

Mark R. Schleiss, University of Minnesota Medical School, Minneapolis, MN

Human Milk as a Carrier of Biochemical Responses to the Newborn

W. Allan Walker, Harvard Medical School, Charlestown, MA

Mother's Milk, Milk Banks and Preemies: Effects of Pasteurization and Storage on Milk Nutrition and Biology

Richard J. Schanler, Schneider Children's Hospital at North Shore, North Shore University Hospital, Manhasset, NY

Human Milk Immunology: The Whole Is Greater Than the Sum of Its Parts

Charles Isaacs, New York State Institute for Basic Research, Staten Island, NY

Sponsored jointly by the Pediatric Infectious Diseases Society, the Milk Club and the Pediatric Academic Societies

4:15pm–6:15pm

5700 Clinical Trial Registries: Challenges and Opportunities

PAS/PPC State of the Art Plenary

Chair: Myron Genel, Chair, Public Policy Council and Professor Emeritus of Pediatrics, Yale University School of Medicine, New Haven, CT

Over the past year there has been a great deal of attention in the medical literature and lay press to the availability of data conducted by pharmaceutical firms, particularly when that data reveals potential side effects or fails to demonstrate significant benefit. The American Medical Association's Council on Scientific Affairs has recommended that the Department of Health and Human Services establish a comprehensive registry for all clinical trials and that results from these trials be publicly available. The Council as well as the International Committee of Medical Journal Editors (ICMJE) has also recommended that institutional review boards require registration of clinical trials and the ICMJE will soon require registration as a precondition for publication. Finally legislation has been introduced—The Fair Access to Clinical Trials (FACT) Act—which would codify these recommendations for all clinical trials irrespective of sponsorship, perhaps through expansion on the National Library of Medicine's ClinicalTrials.gov website. This symposium, the 12th Annual Public Policy Plenary organized by the Public Policy Council and the Public Policy and Advocacy Committee of the Ambulatory Pediatric Association, will explore the implications of these proposals, particularly for pediatric investigation and clinical practice, with a panel of international authorities. Time has been set aside to allow meaningful discussion involving the panel and audience.

Target Audience: Pediatric clinicians and clinical investigators.

Overview

Myron Genel, Chair, Public Policy Council and Professor Emeritus of Pediatrics, Yale University School of Medicine, New Haven, CT

Why We Need a Global, Unified System for Clinical Trial Registration

Kay Dickersin, Director, U.S. Cochrane Center and Professor Community Health, Brown University, Providence, RI

Registering Clinical Trials—The Response from Medical Journals

Christine Laine, Deputy Editor, Annals of Internal Medicine and Executive Secretary, International Committee of Medical Journal Editors, Philadelphia, PA

Operation of a Model Clinical Trials Registry - NLM's ClinicalTrials.gov

Donald Lindberg, Director, National Library of Medicine, NIH, Bethesda, MD

Implications for Pediatric Research and Practice

Richard L. Gorman, Chair, American Academy of Pediatrics Committee on Drugs, Ellicott City, MD

Sponsored jointly by the Public Policy Council, the Public Policy Advocacy Committee of the Ambulatory Pediatric Association and the Pediatric Academic Societies

4:15pm–5:45pm

5701 Crossing the Pediatric Quality Chasm

PAS State of the Art Plenary

Chair: Thomas F. Boat, University of Cincinnati College of Medicine, Cincinnati, OH

This state of the art plenary addresses the pediatric dimension of the national movement in quality improvement accelerated by the 2001 Institute of Medicine report, "Crossing the Quality Chasm, A New Health System for the 21st Century." The ability to understand, adopt and determine the impact of quality improvement processes is critical to academic pediatric health centers. To sustain viability in the coming health care crisis, they will have to demonstrate that their care is of the highest quality, safety and reliability. The Plenary addresses quality improvement: (1) as it relates to academic pediatrics; (2) its current

state of science and practice in pediatrics; (3) how it is practically being applied in an academic setting in the context of the missions of patient care, research and education; and (4) training implications. Presenters are recognized leaders in the field.

Target Audience: Anyone involved in patient care in an academic setting, particularly individuals with administrative responsibilities (clinic/service heads, division chiefs, chairs, etc.) or with research/teaching interest in the area of quality improvement.

The Important Role of Quality Improvement in Academic Pediatrics

Speaker to be determined

What Is the State of Quality Improvement in Pediatrics?

Carole M. Lannon, North Carolina Center for Children's Health Care Improvement, Chapel Hill, NC

How To Integrate Research, Teaching and Quality of Care Missions

Uma R. Kotagal, University of Cincinnati College of Medicine, Cincinnati, OH

Training and Maintaining the Pediatricians of the 21st Century—The Role of Quality Improvement

Paul Miles, American Board of Pediatrics, Chapel Hill, NC

4:15pm–5:45pm

5703 Stem Cells Research

PAS State of the Art Plenary

Please visit the PAS Meeting website at www.pas-meeting.org for the most current information available.

12:00pm–1:00pm

5875A Neonatal Sepsis Club

Hot Topics in Neonatal Meningitis

Additional information will be posted on the PAS website at www.pas-meeting.org in February 2005.

Monday, May 16

8:00am–10:00am

Infectious Diseases Platform Session

PAS/PIDS Original Science Abstracts

Original Science Abstract Programs (Set in February 2005)

10:15am–12:00pm

6300 SPR Presidential Plenary and Awards

SPR Presidential Address

Lisa M. Guay-Woodford
University of Alabama at Birmingham, Birmingham, AL

SPR Award Presentations

Maureen Andrew Mentor Award and Lecture

Distinguished Service Award

Fellow's Basic Research Award

Fellow's Clinical Research Award

House Officer Award

E. Mead Johnson Awards for Research in Pediatrics and Lectures*

David G. Nathan Award in Hematology/Oncology

Student Research Award

Young Investigator Award and Lecture

*The E. Mead Johnson Awards are supported by an educational grant from Mead Johnson Nutritionals

1:00pm–2:45pm

6500 The March of Dimes Prize in Developmental Biology Lectures

Details will be available in January 2005. Please visit the PAS Meeting website at www.pas-meeting.org.

2:00pm–4:00pm

6600 Virus–Host Interactions: Mechanisms Underlying Persistent Viral Infections

PAS/PIDS Topic Symposium

Chairs: Kenneth A. Alexander, Duke University Medical Center, Durham, NC; and John Vanchiere, Baylor College of Medicine, Houston, TX

In recent years it has become clear that traditional concepts about immune response to and clearance of pathogenic viruses are only part of the whole story. Increasing numbers of viruses are now recognized to cause persistent, low-level replication in the host, with long-term adverse health consequences in both normal and immune compromised hosts. These include viruses known to establish latency, such as the herpes viruses, and viruses that can cause persistent infection without a latent state, such as hepatitis C virus and polyomaviruses. This symposium will focus on virus–host interactions that allow for establishment of latent or persistent infection and the opportunities to exploit these interactions to facilitate gene therapy.

Target Audience: Scientists and clinicians from the following disciplines: pediatric infectious diseases, general pediatricians, pediatric gastroenterologists, pediatric hematology/oncology physicians.

Viral Persistence: Surveillance of the Iceberg from Its Surface

John A. Vanchiere, Baylor College of Medicine, Houston, TX

Unraveling the Molecular Mechanisms of Herpes Simplex Virus Latency and Reactivation in the Nervous System

Nancy M. Sawtell, Cincinnati Children's Hospital Medical Center, Cincinnati, OH

Hepatitis C: Mechanisms Underlying Chronic Infection and Immune Evasion

Stanley Lemon, University of Texas Medical Branch, Galveston, TX

Applying Viral Immune Evasion Strategies to Adenovirus Gene Therapy Vectors

Andrea Amalfitano, Duke University Medical Center, Durham, NC

Sponsored jointly by the Pediatric Infectious Diseases Society and the Pediatric Academic Societies

4:00pm–5:00pm

6790A PIDS 2nd Annual Stanley A. Plotkin Lecture in Vaccinology

Samuel L. Katz

5:00pm–6:00pm

6795A PIDS Business Meeting

6:15pm

6930A PIDS Annual Dinner and Awards Banquet

Grand Hyatt Washington Hotel

Tuesday, May 17

10:15am–11:45am

7300 Children's Health and the Federal Government: Research and Public Health Policy

PAS State of the Art Plenary

Chairs: Lisa Guay-Woodford, President, Society for Pediatric Research; and Paul Young, Chair, PAS Program Committee

Elias A. Zerhouni, the Director of the NIH and Vice Admiral Richard H. Carmona, the Surgeon General of the United States, will provide PAS attendees with their views of the critical issues related to pediatric research and the health of our nation's children.

Introduction

Lisa M. Guay-Woodford, University of Alabama at Birmingham, Birmingham, AL

Paul C. Young, University of Utah School of Medicine, Salt Lake City, UT

The NIH Roadmap for Medical Research

Elias A. Zerhouni, Director, National Institutes of Health, Bethesda, MD

Promoting Health for U.S. Children and Their Families

Vice Admiral Richard H. Carmona, Surgeon General of the United States, Washington, DC

10:15am–11:45am

7303 Pediatric Biopreparedness: Dual-Use Systems for Everyday and Times of Trouble

PAS State of the Art Plenary

Chairs: Michael W. Shannon, Children's Hospital Boston, Boston, MA; and Kenneth D. Mandl, Children's Hospital Boston, Boston, MA

Addressing the medical and public health consequences of an emerging infection, a naturally occurring outbreak or a bioterrorist attack requires well-developed capabilities for detection, analysis and response. In the context of national preparedness there has been heavy investment to develop these capabilities, but only limited attention has been paid to the unique needs of the pediatric population. Further, the use of these systems for everyday problems as well as disasters is critical if the efforts are to be sustainable.

A multidisciplinary faculty from the Center for Biopreparedness at Children's Hospital Boston will present leading-edge research on (1) public health informatics for the real-time epidemiology of outbreaks of infectious disease among children, (2) approaches to development and dissemination of principles of pediatric bioterrorism response and (3) the dual use of biopreparedness technology.

Target Audience: Scientists and clinicians involved in bioterrorism preparedness efforts, emergency medicine, public health and epidemiology.

Pediatric Biopreparedness

Michael W. Shannon, Children's Hospital Boston, Boston, MA

Approaches to Development and Dissemination of Principles of Pediatric Bioterrorism

Michael W. Shannon, Children's Hospital Boston, Boston, MA

Real Time Epidemiology of Outbreaks of Infectious Disease Among Children

Ben Y. Reis, Children's Hospital Boston, Boston, MA

Dual Use of Real-Time Outbreak Detection Technology

Kenneth D. Mandl, Children's Hospital Boston, Boston, MA