

Sunday, May 2

7:00am – 7:45am

2100 APS & SPR Jointly Sponsored Meet the Councils' Business Breakfast

Business Meeting

This business breakfast will give the members a chance to meet with Council Members and Officers, bring up topics of interest to them, propose new program ideas or other SPR and APS initiatives, give feedback, find out about membership qualifications and volunteer for society activities and/or committees.

Light breakfast fare will be provided.

7:00am – 8:00am

APA Past Officers' Breakfast

7:00am – 8:00am

Meet the Professor Breakfasts



The purpose of these sessions is to provide trainees and junior faculty the opportunity to meet with senior academic physicians who can provide insights in their field and provide career guidance in a small interactive group. Attendance at each session is limited and available on a first-come, first-served basis to maintain an intimate interactive format. *Pre-enrollment is not required but sessions are small and seating is on a first-come, first-served basis.*

7:00am – 8:00am

2150 Adolescent Medicine

Meet the Professor Breakfast

Adolescent Medicine—Unheralded Opportunities

Elizabeth R. McAnarney, Professor and Chair, Department of Pediatrics, University of Rochester Medical Center, Rochester, New York

There are now unheralded opportunities in Adolescent Medicine to understand the relationship of biologic and behavioral processes during adolescence. For example, new functional magnetic resonance imaging provides data about the continued development of the adolescent brain that might provide insights into some aspects of adolescent behavior. The greatest intellectual gains in our understanding of adolescents will be made as a result of studies that include interdisciplinary teams of investigators from diverse biologic and behavioral backgrounds. Future academicians in Adolescent Medicine will be well-served by training with colleagues expert in the related sciences (neural sciences, endocrinology, immunology, behavioral sciences as examples). Discussion will focus on the challenges balancing never-ending clinical demands and on the pursuit of substantive science.

7:00am – 8:00am

2151 Emergency Medicine

Meet the Professor Breakfast

Pediatric Emergency Medicine—Where Have We Been; Where Are We Headed?

Stephen Ludwig, Professor and Associate Chair, Department of Pediatrics, University of Pennsylvania School of Medicine, Associate Physician-in-Chief for Medical Education, The Children's Hospital of Philadelphia, Philadelphia, PA

Pediatric emergency medicine is a relatively new pediatric subspecialty. To this point the goals have been defining the field and developing a cadre of practitioners, teachers and researchers. But where do we go from here? What are the challenges and new directions facing our specialty?

7:00am – 8:00am

2152 Hematology / Oncology

Meet the Professor Breakfast

Valerie P. Castle, University of Michigan, Ann Arbor, MI

For information visit our website (www.pas-meeting.org) in early 2004.

7:00am – 8:00am

2153 Infectious Diseases

Meet the Professor Breakfast

Ralph D. Feigin, Chair & J. S. Abercrombie Professor of Pediatrics, Department of Pediatrics, Baylor College of Medicine, Physician-in-Chief of the Texas Children's Hospital, Houston, TX

This session is designed to provide trainees and junior faculty with insight and advice concerning the pursuit of an academic career in pediatric infectious diseases. Specific attention will be given to describing approaches to obtaining the best possible training in clinical infectious diseases, epidemiology, as well as in basic and applied research in the field of pediatric infectious diseases. An overview will be provided of this rapidly evolving field and a 40 year historical perspective of advice concerning how to incorporate both basic and applied research into an academic career most effectively also will be discussed.

7:00am – 8:00am

2154 Neonatology I

Meet the Professor Breakfast

A Neonatologist and Newborn Jaundice: Reflections on an Academic Career

David K. Stevenson, Harold K. Faber Professor of Pediatrics, Senior Associate Dean for Academic Affairs, Director; Charles B. and Ann L. Johnson Center for Pregnancy and Newborn Services, Chief, Division of Neonatal and Developmental Medicine

The discussion will focus on advances in the diagnosis and treatment of neonatal jaundice as a means to understanding an investigative career in academic neonatology.

7:00am – 8:00am

2155 Neonatology II

Meet the Professor Breakfast

The Academic Balancing Act—A Perspective from 20 Years I In Neonatology

Sam Hawgood, Professor of Pediatrics and Chief of Neonatology, University of California San Francisco, San Francisco, CA

The goals of this informal session are to have a give-and-take discussion about balancing opportunism and careful planning in executing a career in academic medicine, with a special emphasis on neonatology.

8:00am – 8:50am

2175A LWPES Business Meeting

8:00am – 10:00am

2200 Chronic Pain and Pain-Associated Disability Syndrome (PADS)

PAS Topic Symposium

Chair: Lonnie K. Zeltzer, David Geffen School of Medicine at UCLA, Mattel Children's Hospital, Los Angeles, CA

Pain that is recurrent or persistent can create difficulties in diagnosis and treatment. Since research in pediatric pain is relatively recent but expanding, physicians may not have sufficient state of the art knowledge upon which to evaluate and treat their patients with chronic pain. There have been significant advances in the neurobiology of pain and the many factors that magnify and maintain the pain experience, pain behaviors and pain pathophysiology. The interface between mind, body and the environment, as well as new diagnostic tools, is creating new paradigms in our understanding of pain. For example, barostat and imaging studies have revealed new models for thinking about irritable bowel syndrome (IBS) as a condition of neuroenteric dysfunction. Other conditions, such as juvenile fibromyalgia and myofascial syndromes, are thought to be caused by central neurodysregulation. Many of these conditions are magnified and confounded by co-morbid anxiety disorders, learning disabilities and family system issues, among other factors. Why do some children with chronic pain develop a downward spiral of decreasing function and develop PADS? These conditions are not as difficult to evaluate and treat once they are understood from a biopsychosocial perspective. We will discuss the neurobiology, clinical assessment and approach to treatment of chronic pain and PADS, using IBS, juvenile fibromyalgia and myofascial pain as examples.

Overview of Pain Systems: A Mind-Body Perspective

Lonnie K. Zeltzer, David Geffen School of Medicine at UCLA, Mattel Children's Hospital, Los Angeles, CA

Neurobiology of Chronic Pain: Irritable Bowel Syndrome as a Model

Carlo Di Lorenzo, University of Pittsburgh School of Medicine, Children's Hospital of Pittsburgh, Pittsburgh, PA

How Do We Understand Disorders Such as Fibromyalgia and Myofascial Pain?

David D. Sherry, University of Pennsylvania School of Medicine, Children's Hospital of Philadelphia, Philadelphia, PA

Pain-Associated Disability Syndrome (PADS): What Is It and How To Evaluate and Treat It

Brenda Bursch, UCLA Neuropsychiatric Institute & Hospital, Los Angeles, CA

8:00am – 10:00am

2201 Micronutrients in Postnatal Growth

PAS/NASPGHAN Topic Symposium

Chairs: Scott C. Denne, Indiana University School of Medicine, James Whitcomb Riley Hospital, Indianapolis, IN; and William Berquist, Stanford University School of Medicine, Palo Alto, CA

Micronutrients are essential to normal growth and development in infancy. Preterm and small-for-gestational-age infants are especially vulnerable to deficiencies. This symposium will focus on two fundamental nutrients: zinc and iron. Michael Hambidge will discuss the physiologic and metabolic importance of zinc during the perinatal period and the methods that can be used to assess zinc requirements. Nancy Krebs will discuss recent information about zinc homeostasis and requirements in premature and small-for-gestational-age infants. Stanley Zlotkin will discuss the etiology of iron deficiency in preterm infants during the first year of life and interventions to prevent it.

The Importance of Zinc in the Perinatal Period: An Overview

Kenneth Michael Hambidge, University of Colorado Health Sciences Center, Denver, CO

Zinc Requirements in Premature and Small-for-Gestational-Age Infants

Nancy F. Krebs, University of Colorado Health Sciences Center, Denver, CO

Meeting the Iron Needs of the Preterm Infant Throughout the First Year of Life

Stanley H. Zlotkin, The Hospital for Sick Children, Toronto, Canada

Sponsored jointly by the North American Society for Pediatric Gastroenterology, Hepatology and Nutrition and the Pediatric Academic Societies

8:00am – 10:00am

2202 TLRs—Keys to Inflammation/Immunity in Health and Disease

PAS/PIDS Topic Symposium

Chair: Alan H. Jobe, Cincinnati Children's Hospital Medical Center, Cincinnati, OH

TLRs (Toll-like receptors) are a family of transmembrane germ line coded pattern recognition receptors that bind structural motifs common to pathogenic organisms. These structural motifs include endotoxin, products of gram+ organisms, fungi and mycobacteria, as well as DNA and RNA structures common to bacteria and virus but not mammalian cells. The TLRs are expressed by diverse cell types. TLR signaling initiates the innate immune/inflammatory host response to pathogens and also initiates antigen processing for acquired immunity.

Moshe Arditi will review the recent progress in understanding how children respond to pathogens. Maria Abreau will explore how immune signaling is central to both the maintenance of normal gut function and how chronic GI disease may develop. Christopher Karp will then explore how immune signaling relates to the hygiene hypothesis regarding the striking increase in the prevalence of both allergic and autoimmune diseases in children in Westernized countries over recent decades. The goal is to provide an update about newly described mechanisms signaling inflammation/immunity that are central to multiple homeostatic and disease processes in children.

TLRs—Bridging Innate and Adaptive Immunity

Moshe Arditi, Cedars-Sinai Medical Center, UCLA School of Medicine, Los Angeles, CA

TLR Signaling in the Gut in Health and Disease

Maria Abreau, Cedars-Sinai Medical Center / UCLA School of Medicine, Los Angeles, CA

Signaling the Hygiene Hypothesis

Christopher Karp, Cincinnati Children's Hospital Medical Center, Cincinnati, OH

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

8:00am – 10:00am

2203 Violence Begets Violence

PAS Topic Symposium

Chair: Joel Fein, The Children's Hospital of Philadelphia, PA

Children who are victims of violent behavior or merely observers of violence may learn destructive or self-destructive patterns of behavior. Violence is a major public health problem. This symposium will focus on breaking the cycle of violence and will showcase speakers who are working on violence prevention in the pediatric emergency department, school and community. The speakers will demonstrate what can be done by physicians who see the importance of this issue and the ways in which we can make a difference.

Violence Prevention in Primary Care: Moving from Public Health to Private Practice

Robert D. Sege, Tufts-New England Medical Center, Boston, MA

Beyond Treat and Street: Violence Prevention in the Emergency Department

Joel Fein, The Children's Hospital of Philadelphia, PA

Efforts in the Community

Sheryl A. Ryan, University of Rochester School of Medicine, Rochester, NY

Sponsored jointly by the Society for Adolescent Medicine and the Pediatric Academic Societies

8:00am – 10:00am

Subspecialties/Themes

Original Science Abstracts - Platform Session

Visit www.pas-meeting.org in February 2004 for the abstract program schedules.

8:00am – 10:00am

2204A An Update on the Etiology and Management of Urinary Tract Infection and Vesicoureteral Reflux

ASPN Symposium

Chairs: Uri S. Alon, University of Missouri, Kansas City, MO; and Larry Greenbaum, Medical College of Wisconsin, Milwaukee, WI

The symposium will provide the state of the art approach to these two common and intimately related conditions. The session will start with discussion of the genetics and embryology of vesicoureteral reflux and their implications in its management. New observations on the modes of treatment and the imaging studies indicated in the infant and child with UTI will be addressed next. As those requiring long-term intervention are mostly children with vesicoureteral reflux, a pediatric urologist point of view of it will follow. Both long-term medical and surgical management will be reviewed and the new information on the use of non-surgical endoscopic intervention as a new tool to treat vesicoureteral reflux will be discussed. Finally, our increasing understanding of the role of bladder function and dysfunction in the development, progression and resolution of vesicoureteral reflux and urinary tract infections will be reviewed.

Vesicoureteral Reflux as a Developmental Disorder

Anthony Atala, Children's Hospital, Boston, MA

Acute Urinary Tract Infection—Evaluation and Treatment

Alejandro Hoberman, University of Pittsburgh School of Medicine, Pittsburgh, PA

Surgical and Non-surgical Management of Vesicoureteral Reflux

Linda Shortliffe, Stanford University, Stanford, CA

Dysfunctional Voiding

Seth L. Schulman, Children's Hospital of Philadelphia, Philadelphia, PA

Educational Workshops

8:00am – 11:00am

2300 An Innovative Approach to Self-Directed Professional Development and Lifelong Learning

Educational Workshop

Leader: Henry Bernstein, Director, Primary Care, Children's Hospital, Boston, MA; Co-leader: Carol Carraccio

The 21st century heralds a paradigm shift in medical education with a focus turned to competence and outcomes. The overarching goal of this workshop is to explore the value of using technology as a tool for promoting self-assessment and lifelong learning in continuous professional development. We will demonstrate how physicians can use an innovative web-centered tool to document competence in practice-based learning and improvement.

The outcome of implementing this web-based technology will be the ability to demonstrate competence of our trainees in the domain of practice-based learning and improvement to the ACGME and the preparation of tomorrow's physicians to demonstrate evidence of continuous professional development in maintaining their certification.

8:00am – 11:00am

2301 Assessing Feedback Within a New Paradigm: A Post-Jack Ende Innovation

Educational Workshop

Leader: Larrie Greenberg, George Washington University School of Medicine/Ross, Washington, DC

Timely and objective feedback to learners and teachers has been an ongoing problem in medical education despite efforts to teach these skills through faculty development efforts. In this workshop the traditional feedback paradigm as described by Jack Ende in the 1980s will be briefly reviewed. This process basically represents a checklist to determine which of the characteristics of feedback occur in the interaction. The facilitator will then present a qualitative approach to providing feedback based on Bloom's taxonomy. This process helps to assess what is the cognitive level of feedback. Interactive scenarios to compare both processes will include the use of videotapes, reflection and role plays.

8:00am – 11:00am

2302 Career Paths for Clinician-Educators: Enhancing the Career Development of Clinician-Educators

Educational Workshop

Leader: Robert Hilliard, Hospital for Sick Children, Toronto, Ontario, Canada; Co-leaders: Karen Leslie, Ann Jefferies

Clinician-educators are those physicians whose career activities combine patient care and teaching and whose scholarly activities promote excellence in medical education. With this interactive workshop, it is expected that participants will learn a practical approach to their career development and will:

1. Have a better understanding of the motivations, career plans and challenges of clinician-educators;
2. Be able to develop a career 'map' for junior clinician-educators;
3. Learn how a mentoring program can help the clinician-educator plan and develop his/her career, including suggestions on how mentors and mentees can contribute to enhancing professional academic skills;
4. Be able to identify faculty development needs and participate in useful and effective faculty development, having a better understanding of specific faculty development activities and the evidence for the effectiveness of these activities;

5. Have a better understanding of the evaluation of teachers and how these evaluations are used for faculty development and promotion;
6. Learn guidelines for developing an effective teaching dossier.

This workshop will be of interest to both junior faculty with an interest in developing their academic careers as clinician-educators and to senior faculty and administrators responsible for supporting junior faculty in the areas of teaching and education.

8:00am – 11:00am

2303 How the PDA Can Improve Pediatric Medical Education and Medical Care

Educational Workshop

Leader: John Mahan, Children's Hospital-Ohio, Columbus, OH; Co-leaders: Ernie Guzman, Robert McGregor, David Rich

Many new developments in hand-held technology or personal digital assistants (PDA) can positively impact on medical education and medical care. As the technology improves and interfaces with internet-based information and electronic medical records become available, the potential for improving access to information and defining standards of care are clear. Residency programs have utilized PDAs for provision of program information, documentation of procedures/patient panels and access to medical references and information. PDAs have proved useful in a variety of applications in residency program administration. The ability to access medical information from PDA formularies, medical texts and internet sites is now changing the ability of pediatricians to obtain relevant information in a timely manner. Interfaces with electronic medical records offer new opportunities for clinical decision making, documentation and billing.

This workshop will review the trends in the use of the PDA in these areas and demonstrate the use of the PDA in patient tracking, residency program documentation, access to formularies and medical references, searches of medical literature and office and hospital documentation. Participants will be asked to provide feedback and, after discussion in small group settings, will provide a series of recommendations from pediatric faculty regarding the direction of PDA development for pediatric medical education and care and emphasis for PDA applications in the future. We look forward to a stimulating discussion and useful interchange.

8:00am – 11:00am

2304 Nutrition-Friendly School Model To Prevent Overweight in Children

Educational Workshop

Leader: Charlotte Neumann, UCLA, Los Angeles, CA; Co-leaders: Wendelin Slusser, Linda Lange, Mike Prelep, Heather Weightman, Stephanie Vecchiarelli

The Nutrition Friendly (NF) school process has been developed to help address the rising rates of childhood overweight. It is an ecological model based on the coordinated school health model, which impacts the entire school environment including students, staff and families to prevent the development of overweight in children. School community stakeholders in collaboration with the UCLA School of Public Health Nutrition Friendly Schools and Communities Group developed the NF school certification process and self-evaluation tool.

The goal of the workshop is to report on the continued development and preliminary results of the NF School pilot study and introduce the NF School model to any new participants. Participants will also gain an understanding of the participatory action research method used to develop the NF School model.

8:00am – 11:00am

2305 Opportunities for Leadership

Educational Workshop

Leader: Carol Berkowitz, Harbor UCLA, Torrance, CA; Co-leaders: TBA

Leadership positions arise at multiple levels, and career paths often take different trajectories. There is no single game plan to ensure academic success or professional prominence.

This workshop will highlight the personal experiences of four nationally prominent pediatricians as a means of illustrating both the differences in career progression and the similarities that are present in the stories of successful leaders in the field of medicine. Means by which one can get involved in national organizations will also be discussed. Participants are encouraged to bring specific issues related to barriers to success to the group.

8:00am – 11:00am

2306 School Preparedness Planning for Disaster/Mass Casualty Events

Educational Workshop

Leader: James Graham, Arkansas Children's Hospital, Little Rock, AR; Co-leaders: Rhonda Dick, Rebecca Liggins

The events of September 11, 2001, have focused the need for emergency planning. Schools must be prepared to prevent and respond to a number of possible incidents, including shootings, terrorism and natural disasters.

The purpose of this workshop is to examine and discuss preparedness measures for disasters, mass casualty incidents and bioterrorism in schools. The session will focus on the need for a school disaster/mass casualty prevention and response plan, the major elements of such a plan and the role of the emergency medical system in such planning.

8:00am – 11:00am

2307 The Bioecogram: A Novel Assessment Tool for the Enhancement of Family Pediatric Practice and Child-Centered Care

Educational Workshop

Leader: Mitch Blair, Department of Paediatrics, Imperial College London, United Kingdom; Co-leaders: Rashmin Tahmne, Marti Stein

The BIOECOGRAM is a tool used to record child, family, social and environmental factors in a standardized method, placing the child at the very center of the consultation. The workshop will review the AAP recommendations for family-centered care and offer a number of case studies to help participants to use this graphic tool in their day-to-day practice when challenged by both simple and complex behavioral and developmental problems.

8:00am – 11:00am

2308 The Community-Based Pediatrician as Principal Investigator

Educational Workshop

Leader: Ivor Horn, Children's National Medical Center, Washington, DC; Co-leaders: Benjamin Gitterman, Terry Kind

Conducting research as a community-based pediatrician provides unique challenges and rewards. Most community-based faculty members have extensive experience as clinicians, educators and often as secondary participants in the research projects of institutional-based faculty. The community-based pediatrician's daily working environment generates research ideas that are more readily applicable in the clinical setting. However, pediatricians practicing in the community often lack the time, training and/or experience needed to serve as principal investigators. Participants in this workshop will be asked to bring a research idea that they would like to develop into a research plan, and several of these ideas will be selected as examples. These examples will be developed into working proposals during small group sessions. Emphasis will be placed on:

1. Feasibility,
2. Finding a mentor,
3. Partnering with non-community-based researchers and community stakeholders,
4. Funding opportunities and
5. Protecting the interests of patients and principal investigators.

8:00am – 11:00am

2309 The Continuity Experience, Educational Goals and the ACGME Competencies

Educational Workshop

Leader: Diane Kittredge, University of Maryland School of Medicine, Owings Mills, MD; Co-leaders: Paula Algranati, Rebecca Collins, Paul Darden, Wendy Davis, Jan Drutz, Marilyn Dumont-Driscoll, Susan Feigelman, John Olsson

Participants will utilize the APA's web-based Educational Guidelines for Residency Training in Pediatrics to identify specific educational topics relevant to the continuity experience. Four preventive screening topics will be used as the educational goals. Participants, working in small groups, will determine in which of the six ACGME competencies the educational goals fit best. Practice-based learning and systems-based practice will be emphasized. Guidelines for teaching and evaluating resident competencies will be developed. The teaching and assessment tools developed will be generalizable to other curriculum topics, including QI projects.

8:00am – 11:00am

2310 The NICHD: How It Works and Opportunities for Research Support

Educational Workshop

Leader: Duane Alexander, NICHD, NIH, Bethesda, MD; Co-leader: Linda Wright

This grantsmanship session will describe the process of applying for research support from the NIH, how review is done and funding decisions made and how to enhance the likelihood of success. Mechanisms available for support at various stages of a career will be reviewed, as well as current research topics of special interest to NICHD.

8:00am – 11:00am

2311 Writing a Winning Abstract for a Scientific Meeting

Educational Workshop

Leader: William Basco, Charleston, SC; Co-leader: Debra Bogen

This 3-hour session will review the "dos and don'ts" of abstract writing. Using an interactive format, the facilitators will review suggested practices for abstract writing, focusing on producing clear and effective titles and abstracts. After review of suggested practices, participants will review and discuss examples of titles and abstracts both submitted to meetings and published. Participants will review a manuscript and write their own "Objective" and "Method" sections of an abstract to accompany the manuscript as if it were their own work. Examples from the participants' abstracts will be anonymously reviewed with the group to illustrate effective abstract writing principles.

8:00am – 11:00am

2320 Developmental-Behavioral Pediatrics

Special Interest Group

Chair: Dan Lee Coury, dcoury@chi.osu.edu

Last year's Developmental-Behavioral SIG held in Seattle covered a variety of developmental and behavioral screening tests and methods of developmental surveillance. This year's SIG will expand on this theme and address broader mental health issues in primary care through the use of the Bright Futures materials.

Bright Futures provides health care providers with a framework and tools for identifying and treating the mental health needs of their patients and families and utilizes a strength-based approach. The goal of this skill-building session is to inform health care providers about the essentials of mental health promotion including monitoring for, preventing and identifying psychosocial problems and providing appropriated follow-up. Participants will be able to identify available tools and resources and how health care providers can utilize them. Bright Futures materials, including the Bright Futures in Practice: Mental Health practice guide and the accompanying tool kit, will be shared. The session will use the Bright Futures Mental Health materials to assist participants in addressing the mental health needs of children and their families. Session participants will work in small groups while applying these screening, care management and health education tools to a variety of case studies. Incorporating this information into residency training programs will also be discussed. The presenters will include Joseph Hagan, chairperson of AAP's Bright Futures Education Center; Paula Duncan, chairperson of the AAP Bright Futures Pediatric Implementation Project; and Michael Jellinek, editor of Bright Futures in Practice: Mental Health practice guide

8:00am – 11:00am

2321 Ethics

Special Interest Group

Chair: Christine McHenry, christine.mchenry@cchmc.org

This year the Ethics SIG will discuss two different but important topics:

1. Ruth Etzel, from the Alaska Native Medical Center, will present the draft version of a code of ethics for general pediatric research which was developed by the Ambulatory Pediatric Association in cooperation with the Association of American Medical Colleges.
2. James Jarvis, from the University of Oklahoma, will discuss autonomy and the enlightenment origins of medical ethics.

8:00am – 11:00am

2322 Fellowship Directors

Special Interest Group

Chair: Matthew Davis, mattdav@umich.edu

The newly formed Fellowship Directors' SIG welcomes directors of General Pediatrics fellowship programs throughout the United States and Canada to this inaugural meeting. The SIG is designed to offer a forum for fellowship directors to discuss their common goals and challenges. The agenda will include discussions of recruitment, program funding, fellow performance feedback and review and relationships with Divisions of General Pediatrics and other academic units. We will also hold breakout sessions for directors whose programs predominantly focus on different training areas: clinical expertise, medical education and research.

8:00am – 11:00am

2323 Literacy Development Programs in Primary Care

Special Interest Group

Chairs: Robert Needlman, rneedlman@drspock.com; and Perri Klass, perri.klass@bmc.org

The Literacy Development Programs in Primary Care SIG provides information, support and networking for clinicians interested either in research or implementation projects related to pediatric interventions to encourage or support early childhood literacy. The SIG is an opportunity to review research in progress, stimulate new research directions, including collaborative and multisite projects, and enhance provider training and knowledge related to early literacy and to the Reach Out and Read (ROR) model of intervention. This year we will focus on new research directions in early literacy and learning and in closely related areas, with presentations on current research and on techniques for addressing promising new questions. The session will also include a discussion of new directions and initiatives for Reach Out and Read.

8:00am – 11:00am

2324 Pediatrics for Family Practice

Special Interest Group

Chair: David Turkewitz, dturkewitz@wellspan.org

Check for information on this SIG on our website (www.pas-meeting.org) in early 2004.

8:00am – 11:00am

2325 Race in Medicine

Special Interest Group

Chairs: Anne Beal, acb@cmwf.org; and Ivor Braden Horn, ihorn@cnmc.org

This year's meeting of the Race in Medicine SIG will focus on Racial Disparities in Child Health, with presentations of ongoing research on child health disparities from around the country. We will provide a friendly forum for investigators at various stages in their research to present their work for discussion and feedback.

In the past, the SIG has also focused on Race in Research and Pediatric Workforce Diversity. Currently in our third year, we are at a critical stage of development, and the second half of this year's meeting will focus on growing the SIG for the future. Your ideas are needed to determine the SIG's agenda and activities to better serve its members and the APA at large. Possibilities include information dissemination, educational and funding opportunities and collaborations with other SIGs. We look forward to seeing you in San Francisco!

8:00am – 12:30pm

2330 Environmental Health

Special Interest Group

Chairs: James Roberts, robertsj@muscc.edu; and Joel Forman, joel.forman@mssm.edu

The Environmental Health SIG is looking forward to another excellent and informative meeting at the Pediatric Academic Societies' Annual Meeting in San Francisco. In keeping with the tradition of past Environmental Health SIG meetings, leading experts in children's environmental health will give presentations on important and timely issues. Building on the success of last year's meeting, we will again invite the APA Environmental Health Fellows to present their research works in progress. Further program details are forthcoming. Please see the PAS meeting website for an agenda as the meeting approaches. We hope to see you in San Francisco and sustain the momentum of increasing attendance annually at our sessions!

9:00am – 10:00am

2350A LWPES Presidential Lecture & Award Session

Paul Saenger, President, LWPES, Albert Einstein College of Medicine, Montefiore Medical Center, Bronx, NY

10:15am – 11:45am

2400 APS Presidential Plenary, Howland Award & (11:15) St. Geme Award

APS Presidential Address

Larry J. Shapiro, Dean, School of Medicine, Washington University, St. Louis, MO

52nd Annual John Howland Award

Joseph W. St. Geme Jr. Leadership Award

10:15am – 11:45am

2420 Endocrinology/Diabetes Platform Session I

PAS/LWPES Original Science Abstracts ~ Platform Session I

Visit www.pas-meeting.org in February 2004 for the abstract program schedules.

10:15am – 11:45am

2440 Hematology/Oncology Platform Session III

PAS/ASPHO Original Science Abstracts

Visit www.pas-meeting.org in February 2004 for the abstract program schedules.

11:00am – 3:00pm

Commercial Exhibits Open and Posters Available for Viewing

Available for Viewing: 11:00am–3:00pm

Author Attendance: 11:45am–1:45pm

11:45am – 1:45pm

Poster Session II

Original Science Abstracts - Poster Session

Visit www.pas-meeting.org in February 2004 for the poster program schedules.

11:45am – 1:45pm

APA Committees

- 2480 APA Education Committee**
- 2481 APA Health Care Delivery Committee**
- 2482 APA Public Policy / Advocacy Committee**
- 2483 APA Research Committee**

12:00pm – 1:30pm

2600A Directors of Research in Pediatrics (Club)

Pediatric Centers for Research Excellence

Drs. Thomas Boat and David Williams, Cincinnati Children's Hospital Medical Center, Cincinnati, OH will discuss a proposal for the establishment—on a national scale—of Pediatric Centers of Research Excellence.

Contact for information:

Nina F. Schor, M.D., Ph.D.
Phone: 412-692-6182
Email: nfschor@pitt.edu

12:00pm – 1:30pm

2605A Neonatal Sepsis Club

Hot Topics in the Detection of Neonatal Infection

Contact for information:

David Kaufman, M.D.
University of Virginia Children's Medical Center
Phone: 434-924-9114
Email: davidkaufman@virginia.edu

12:00pm – 1:30pm

2606A Perinatal Brain Club

Check the PAS website at www.pas-meeting.org for program details in December.

Contact for information:

Jeff Perlman, M.D.
University of Texas Southwestern Medical Center
Phone: 214-648-2060
Email: jeffrey.perlman@utsouthwestern.edu

12:00pm – 1:45pm

2610A Milk Club

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

Current Topics in Breastfeeding and Pediatric Practice: The session addresses AAP Guidelines on breastfeeding, current research findings and applications to pediatric practice.

The AAP Breastfeeding Policy Statement: The 2004 Version

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

Breastfeeding: Does it Protect Against Obesity in Childhood?

Kathryn Dewey, University of California at Davis, Davis, CA

Business Meeting

Announcement of the Milk Club Travel Award

NOTE

The Milk Club plans to give one travel award each year to an outstanding trainee (medical, graduate, resident or post-doctoral student) who submits a first-authored abstract on breastfeeding.

Contact for information:

Ardythe L. Morrow, Ph.D.
Cincinnati Children's Hospital Medical Center
Phone: 513-636-7626
Email: Ardythe.Morrow@chmcc.org

12:30pm – 2:00pm

2650A Update on the ABP's Revised Subspecialty Training Requirements

Special Symposium

Chairs: Gail McGuinness and James Stockman III, American Board of Pediatrics, Chapel Hill, NC

All PAS attendees are invited to an informational session on the ABP's Revised Subspecialty Training Requirements, which will apply to fellows beginning training July 1, 2004, and thereafter.

An overview of the changes will be provided by ABP staff. Ample time for questions will be allowed. The session will be useful for program directors, department chairs and trainees planning subspecialty careers.

Co-sponsored by the Federation of Pediatric Organizations

2:00pm – 4:00pm

2700 Lung Organogenesis—Vascular and Alveolar Interactions

PAS State of the Art

Chair: Clifford W. Bogue, Yale University School of Medicine, New Haven, CT

Blood vessels perfuse all tissues in the body and play a vital function in mediating the exchange of metabolites between the tissues and the blood. However, recent experimental evidence indicates that endothelial cells play an important signaling role during embryonic development and cell differentiation. Understanding the nature of the interaction between endothelial cells and the surrounding cells and tissues will provide valuable insight into normal developmental mechanisms and may lead to important therapeutic approaches for a variety of diseases. In this symposium, we will discuss endothelial signaling in early organ development with a particular focus on the interactions that occur between airway and vascular cells during lung organogenesis and how these interactions are perturbed in lung injury and repair. In addition, we will discuss the biology of a molecule critical to development, VEGF, and its role during angiogenesis.

Endothelial Signaling During Embryonic Development

Ondine Cleaver, Harvard University, Cambridge, MA

Role of Impaired Vascular and Alveolar Interactions in the Pathogenesis of Bronchopulmonary Dysplasia

Steven H. Abman, The Children's Hospital, Denver, CO

Extracellular Matrix Imbalance and Abnormal Lung Morphogenesis

Mala Chinoy, The Penn State University, The Hershey Medical Center, Hershey, PA

New Insights in the Regulation of Angiogenesis by VEGF and Other Mediators

Napoleone Ferrara, Genentech, Inc., San Francisco, CA

Tickets not required but attendance at Workshops and Special Interest Groups is limited and available on a first-come, first-served basis.

2:00pm – 4:00pm

2701 The National Children's Study: "Framingham" for Children—Can We Pull It Off?

PAS State of the Art

Chair: Elena Fuentes-Afflick, University of California, San Francisco, CA

The National Children's Study is a national prospective, longitudinal study of environmental effects, including physical, chemical, biological and psychosocial effects, on child health and development. The goal of the study is to improve the health and well-being of children. The study will examine these environmental effects on the health and development of more than 100,000 children across the United States, following them from before birth until age 21. The study is led by a consortium of federal agency partners: the U.S. Department of Health and Human Services, including the National Institute of Child Health and Human Development (NICHD); the National Institute of Environmental Health Sciences (NIEHS); the Centers for Disease Control and Prevention (CDC); and the U.S. Environmental Protection Agency (EPA). For additional information, visit the website at <http://www.nationalchildrensstudy.gov/>.

The National Children's Study—An Overview

Duane Alexander, NICHD, National Institutes of Health, Bethesda, MD

The National Children's Study—Methods

Peter C. Scheidt, National Institutes of Health, Bethesda, MD

Children's Health and Environmental Exposures: The Most Important Unanswered but Answerable Questions

Michael Weitzman, University of Rochester, Rochester, NY

Sponsored jointly by the Public Policy Council of the APS, AMSPDC, SPR and the Public Policy Committee of the APA and the Pediatric Academic Societies

2:00pm – 4:00pm

2702 Complications Following Solid Organ Transplantation

PAS/ASP/LWPES/PIDS Topic Symposium

Chairs: Ellis Avner, Case Western Reserve University, Cleveland, OH; Marsha Davenport, University of North Carolina, Chapel Hill, NC; and Laurence Givner, Wake Forest University School of Medicine, Winston-Salem, NC

Despite the dramatic increase in patient and graft survival following solid organ transplantation over the past decade, complex and potent immunosuppressive regimens have led to significant complications. In this multidisciplinary symposium, the pathophysiology and therapy of infections, lymphoproliferative disease and growth abnormalities following solid organ transplantation will be reviewed. In addition, the problem of non-compliance with complex immunosuppressive regimens—a major cause of organ loss/dysfunction post transplantation—will be reviewed.

Infections Following Solid Organ Transplantation

Michael Green, University of Pittsburgh School of Medicine, Pittsburgh, PA

Post-transplant Lymphoproliferative Disease: Pathophysiology and Treatment

Vikas R. Dharnidharka, University of Florida Health Science Center, Gainesville, FL

Growth Disorders Following Solid Organ Transplantation

Leona Cuttler, Case Western Reserve University, Cleveland, OH

Compliance with Complex Medical Regimens Post-transplantation: Anticipatory Therapies

Robert Wells, Children's Hospital Central California, Fresno, CA

Sponsored jointly by the American Society of Pediatric Nephrology, Lawson Wilkins Pediatric Endocrine Society, Pediatric Infectious Diseases Society and the Pediatric Academic Societies

Educational Workshops

2:00pm – 5:00pm

2750 Application of Asset-Based Community Development (ABCD) Model to Field of Community Pediatrics

Educational Workshop

Leader: Tom Tonniges, American Academy of Pediatrics, Elk Grove Village, IL; Co-leaders: Richard Pan, Andrew Gold

Tom Tonniges will provide some background on the evolution of the relationship between the Department of Community Pediatrics at the American Academy of Pediatrics and the ABCD Institute of Northwestern University. He will give a brief introductory presentation on ABCD Principles and its applications to the health care arena. The ABCD Model essentially promotes the concept of recognizing and identifying the inherent assets in each community, in the form of community-based organizations (CBOs) and the need to integrate those assets into community improvement efforts.

Andrew Gold will discuss his involvement with the Community Child Health Partnership (CCHP) Collaboratives and his perspective on the applications of ABCD to achieving child health outcomes.

Richard Pan will provide insight into how he used ABCD principles as the basis for the advocacy program he developed (Community Partnerships with Pediatricians for Healthy Children) for pediatric residents at University of California, Davis Medical School. Specifically, he will discuss the merits of using the ABCD as the basis for fulfilling the ACGME Requirements in Community Experiences for pediatric residents.

Tom Tonniges will then ask participants to break into small groups and complete the following exercises:

- 1) List the associations that you belong to (not as a part of your job).
- 2) List the professional associations you belong to.
- 3) Describe one way you could use your association relationship to address one child health issue (ex. Obesity).

This workshop will address the following questions:

- Do you think ABCD methodologies provide a useful framework for:
- a) Pediatric resident community projects?
 - b) Practicing pediatricians?

How can ABCD Concepts be used to promote the practice of Community Pediatrics?

How does the ABCD Concept help to identify and establish effective partnerships with Community Based Organizations(CBOs)?

2:00pm – 5:00pm

2751 Career Paths in Academic Medicine: Clinical/Residents

Educational Workshop

Leader: Modena Wilson, American Academy of Pediatrics, Elk Grove Village, IL; Co-leader: TBA

Academic medicine offers an exciting variety of career paths for pediatricians. During this workshop, which is designed to help with decision-making on the part of residents and will be interactive in its execution, participants will explore a menu of options, both for the generalist and the subspecialist. The interplay of research, teaching, clinical medicine, administration and advocacy in academics will be discussed. Markers of satisfaction and success within academic medicine will be included. Co-presenters will assist the workshop leader.

Supported by an unrestricted educational grant from Genentech, Inc.

2:00pm – 5:00pm

2752 Developing a Cohort of Pediatrician Advocates Through Partnerships with Advocacy Organizations: The Open Society Institute (OSI) Soros Advocacy Fellowship for Physicians (SAFP)

Educational Workshop

Leader: Claudia Calhoun, Open Society Institute, New York, NY; Co-leaders: George Askew, Jennifer Kasper, David Krol, Jerome Paulson, Katie Plax

Pediatricians bring a unique mix of legitimacy, prestige and expertise to advocacy work. Many pediatricians know the benefits of advocacy to themselves, their patients and their communities but are unable to incorporate advocacy into busy clinical practices or academic career development. Of the 28 physicians funded by the OSI Soros Advocacy Fellowship, 10 are pediatricians. Workshop leaders will facilitate small group brainstorming sessions on advocacy skills such as communicating with media and policy makers, using research for advocacy and integrating practical advocacy experience into medical education. Participants will discuss areas of interest for advocacy and potential projects and community partners.

This workshop is intended for physicians at all stages in their careers with experience, insight or interest in advocacy and public policy.

2:00pm – 5:00pm

2753 Effective, Efficient and Innovative Medical Student and Resident Teaching: Who Says It Can't Be Done?

Educational Workshop

Leader: Lewis First, University of Vermont College of Medicine, Burlington, VT

With increased pressures to treat patients as efficiently as possible, teaching of medical students and residents has become more of a burden or even an afterthought and less of a major priority in the clinical setting. Effective, efficient and innovative teaching strategies are needed.

This workshop will provide participants with such strategies that will in turn aid in the recruitment, faculty development and retention of preceptors. Content areas will focus on the importance of a good orientation, feedback, evaluation and creative teaching techniques that will resolve conflicts with time constraints and make teaching fun and a true learning experience for all involved.

2:00pm – 5:00pm

2754 Integrating Evidence-Based Medicine into the Pediatric Curriculum

Educational Workshop

Leader: John Frohna, University of Michigan, Ann Arbor, MI; Co-leaders: Stephen Park, Michael Lukela

Practicing evidence-based medicine (EBM) is an essential competency for lifelong learning and critical thinking among pediatric residents and practicing pediatricians. Yet, with multiple demands on curricular planning, programs have found it difficult to make time and space to incorporate this material. Drawing on our successful teaching of EBM to students, residents and faculty in a variety of settings and sharing what we have learned from the occasional misstep, we have developed an interactive workshop to simplify the development and evaluation process for others wishing to launch a similar curricular program. Throughout the workshop, participants will work in small groups to:

1. Identify practical ways of integrating key EBM competencies into a variety of educational venues,

2. Develop a focused curriculum to teach EBM to students or residents in a specific setting at their home institution and
3. Explore and discuss methods to evaluate this important competency.

The session will conclude with a participant-generated discussion of useful pearls for teaching and evaluating evidence-based medicine skills. Participants will receive sample curricular materials, examples of evaluation methods and a list of resources that can foster the teaching and practice of EBM.

2:00pm – 5:00pm

2755 Managing the Business of Academic Pediatrics

Educational Workshop

Leader: Thomas Boat, Cincinnati Children's Hospital Medical Center, Cincinnati, OH; Co-leader: Lori Mackey

Career and program development in pediatric departments is increasingly tied to the generation of resources that support these efforts as well as cost-containment efforts. This workshop will address the application of business principles and approaches that should be useful to current directors of programs, or those who aspire to be directors, as they plan and manage these programs. Concepts to be introduced in a case discussion format include cost analyses, longitudinal budgeting, mission-based budgeting, business plan development and productivity analysis and enhancement.

2:00pm – 5:00pm

2756 Minority Faculty Development: Year Three

Educational Workshop

Leader: Danielle Laraque, Mount Sinai School of Medicine, New York, NY; Co-leaders: Phyllis Demery, Eric Sibley, Marie McCormick, Fernando Mendoza, Denice Cora-Bramble

The Minority Faculty Development workshop will engage junior, mid-career and senior faculty in the discussions of how to promote and actively support minority faculty in choosing academic careers and/or sustaining them through the academic promotion system. In this, the third year of this workshop, prominent faculty at institutions from around the country will respond to key questions on mentorship, success in obtaining research and program funding and maintaining focus on the commitment to medicine and community. The panelists will also emphasize leadership in academics, presented against the backdrop of the current AAMC statistics on minority faculty. As in the previous two years, this workshop will be highly interactive with participants actively engaged in discussions with the moderators and the panelists.

2:00pm – 5:00pm

2757 Recognizing Common Biostatistical Errors: A Case-Based Approach

Educational Workshop

Leader: Yvonne Wu, University of California, San Francisco, San Francisco, CA; Co-leader: Thomas Newman

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 standard deviation vs. standard error of the mean, commonly violated assumptions of statistical tests including normality and independent sampling, between- vs. within-groups comparisons, "type 3" (dumb or careless) errors, odds ratios vs. relative risks, relative vs. absolute effect sizes and multiple comparisons. In the last part of the seminar, participants will have the opportunity to test what they have learned on a set of "unknown" examples.

2:00pm – 5:00pm

2758 Regulating House Staff Work Hours

Educational Workshop

Leader: Daniel Rauch, Jacobi Medical Center/AECOM, Bronx, NY; Co-leaders: Betsy Wedemeyer, Susan Bostwick, Susan Guralnick

The ACGME has instituted new resident work hours regulations to take as of July 2003. Clearly such regulations will impact on the structure of most residency training programs. The goals of this workshop are to explain the regulations and learn ways to accommodate to the regulations—not only meeting the work hour limits but how to continue to incorporate teaching in the lives of the residents. The presenters are all experienced New York residency directors who have taken different approaches to meeting the 405 regulations. After an introduction reviewing the regulations the presenters will explain some specific methods that have been successfully used, including creative scheduling, night float systems and the incorporation of additional providers.

2:00pm – 5:00pm

2759 So You Have Always Wanted To Work Abroad, But Were Afraid To Ask—Here Are Some of the Options

Educational Workshop

Leader: Judith Hall, British Columbia's Children's Hospital, Vancouver, Canada; Co-leaders: TBA

International child health work can take many forms, and there are an endless number of agencies involved. This workshop is meant to be an introduction to acquaint the pediatrician with what the options are and how to prepare for an experience in a third world country. Several pediatricians will discuss their experience in teaching and in international pediatric health care provision in developing countries. The presentations will include (1) what it takes to be prepared to go to international emergency situations, (2) what is needed to prepare for a longer-term experience in teaching or providing health care in a developing country, (3) what preparation is needed for a two week or one month “vacation” work experience in a developing country, and 4) what some of the agencies are that provide the options.

Sponsored by the American Pediatric Society.

2:00pm – 5:00pm

2760 Student's Clinical Observations of Preceptors (SCOOP): Use of an Intentional Modeling Process To Teach Professional Behavior

Educational Workshop

Leader: Woodson Scott Jones, Uniformed Services University, Bethesda, MD; Co-leaders: Janice Hanson, Christine Johnson, Jeffrey Longacre

Most formal instruction in professionalism and communication occurs in the pre-clinical years of medical school, with an acknowledged need to fortify and apply these competencies during the clinical years. Role modeling provides a powerful way to teach professionalism, particularly when mentors identify specific learning goals and focus the learner's observations. This workshop will teach participants a process called the Students' Clinical Observations of Preceptors (SCOOP), which reverses the traditional direction of structured observations. With written cues to focus their observations, students observe their preceptors, who intentionally model professionalism and communication during clinical encounters. Students and preceptors discuss the observed patient/physician interaction during post-encounter sessions. Film clips, video presentation, group discussion and role play will be utilized to ensure participants gain the knowledge and skills necessary to perform SCOOPs.

2:00pm – 5:00pm

2761 The Use of Rubrics for Performance-Based Assessment in Medical Education

Educational Workshop

Leader: Kadriye Lewis, Cincinnati Children's Hospital Medical Center, Cincinnati, OH; Co-leader: Raymond C. Baker

The use of rubrics for performance-based (competency-based) assessment is widely used in the social sciences but is new to medical education. This workshop will present the concept of rubrics in performance-based assessment including assessment trends in medical education. Guidelines for the development of rubrics will be provided and discussed using medical examples developed by the program leaders. Participants will then work in small groups to develop a rubric assessing one of the ACGME core competencies. The products of this hands-on session will be shared and discussed with the rest of the participants. Participants will then use these rubric-based competency assessment tools to evaluate actual resident-patient encounters videotaped in a primary care setting.

2:00pm – 5:00pm

2762 Writing a Basic Science Manuscript

Educational Workshop

Leader: Kurt H. Albertine, University of Utah School of Medicine, Salt Lake City, UT

The goal of this workshop is to provide practical guidance for composing a manuscript. All parts of a manuscript will be discussed (Abstract, Introduction, Methods, Results, Discussion, References, Figures, Tables). Other topics will be journal selection, authorship and the review process. Questions to be addressed will include:

1. Is the study important?
2. Is the study new or confirmatory?
3. Is the main question clearly stated?
4. Is the question answered?
5. Are the assumptions, methods and data suitable?
6. Are the figures and tables clear? Are they redundant?
7. Are the statistics suitable?
8. Are the references adequate?
9. Is there information that is irrelevant to the purpose of the study?
10. Does the discussion contain smoke screens, straw men, omit alternate theories or contrary evidence?
11. Is the manuscript easy to read and prepared carefully?

A textbook reference list will be provided to participants.

2:00pm – 5:00pm

2775 AIDS/HIV

Special Interest Group

Chairs: Nancy Hutton, nhutton@jhmi.edu; and Lois Howland, lois.howland@umassmed.edu

With the advent of highly active antiretroviral therapy (HAART) children infected with the Human Immunodeficiency Virus (HIV) are living longer with fewer complications from opportunistic infections, but more side effects from therapies. HIV infection has transitioned from an almost certain rapid demise to a chronic illness of undetermined prognosis. Quality of life (QOL) has therefore become a more salient outcome for children infected with HIV.

In this meeting of the AIDS/HIV SIG we have three aims: explore the concept of QOL, describe measurement considerations and discuss clinical implications of QOL measurement. The interactive session will include the uses and limitations of QOL measurement and the clinical importance of understanding factors affecting QOL outcomes in children and adolescents infected with HIV.

2:00pm – 5:00pm

2776 Continuity

Special Interest Group

Chair: John Olsson, olssonj@mail.ecu.edu

The Continuity SIG is the academic home for pediatricians, both academic and community-based, who provide patient care and resident education in a longitudinal primary care setting. The Residency Review Committee/ACGME has mandated the requirement of a continuity experience for all pediatric residents since the 1970s. It has been a challenge for all of us to develop curricula, organize resident practices, obtain required data and yet continue to grow professionally as faculty. Over the past 13 years, the Continuity SIG, led by a task force, has addressed these challenges in SIG meetings and workshops. Our meetings are intended to facilitate the transfer of ideas among members and other individuals interested in optimizing the continuity experience for preceptors and residents alike.

2:00pm – 5:00pm

2777 Pediatric Residents

Special Interest Group

Chairs: Joshua Schiffman, joshua.schiffman@stanford.edu; and Allison Wentworth, wentwam@peds.ufl.edu

Calling all residents! Now in its third year, the Pediatric Resident SIG provides residents with a forum for discussion, advice, support and unique educational experiences. By sharing different approaches and solutions to key issues in training programs, members of the Pediatric Resident SIG will:

- learn effective teaching techniques,
- learn to handle stress of long work hours and sleep deprivation,
- receive financial advice about loan repayment and retirement funds,
- learn about fellowship opportunities and application process,
- learn about different career choices,
- learn about end-of-life care issues,
- learn to recognize and solve ethical dilemmas,
- network with other residents interested in areas such as advocacy or research.

The SIG will host a guest speaker who will lead an interactive discussion on a topic relevant to residency training and education. After the presentation, we will rank and discuss the issues of residency that we find most pressing to us. Finally, we will invite the Program Directors attending the Association of Pediatric Program Directors Spring Meeting to hear our thoughts and give us their best response. Join us for a lively round of resident discussion, philosophy and dialogue.

2:30pm – 4:00pm

2800 What Are the Genes That Control Puberty?

Insights Resulting from the Interactions of Thoughtful Clinicians with Investigators Using Contemporary Tools of the Genome Era

PAS/LWPES State of the Art

Chairs: Paul Saenger, Albert Einstein College of Medicine, Montefiore Medical Center, Bronx, NY; and Jill Jacobson, Children's Mercy Hospital, Kansas City, MO

The neuroendocrine and genetic control of puberty remains one of the fundamental mysteries in human biology. Recent advances derived from sequencing the human genome have enabled the identification of novel genes affecting human puberty via clinical investigations of single patients or families with human disorders that were simply not possible even three years ago. Using these techniques, clinical investigators have been able to identify and chart several genetic defects affecting reproductive development and translate these insights into an improved understanding of how the brain controls puberty in the human. The lecture will focus upon several of these major advances and describe a new gene recently discovered that controls puberty.

William F. Crowley, Harvard Medical School, Massachusetts General Hospital, Boston, MA

Sponsored jointly by the Lawson Wilkins Pediatric Endocrine Society and the Pediatric Academic Societies

Supported by an unrestricted educational grant from Pfizer, Inc.

2:30pm – 4:00pm

2801 Infections of the Immunocompromised Host

PAS/ASPHO/PIDS State of the Art

Chair: Nancy Bunin, Children's Hospital of Philadelphia, Philadelphia, PA

This symposium will cover new methods to detect fungal infections and indications for new drugs. CMV detection and treatment outcome will be discussed in the post-HSCT patient. Finally, other viral infections that can cause significant morbidity in the immunocompromised patient, such as HHV6 and adenovirus, will be discussed.

Introduction

Nancy Bunin, Children's Hospital of Philadelphia, Philadelphia, PA

New Approaches to Diagnosis and Treatment of Invasive Fungal Infections in Immunocompromised Pediatric Patients

Thomas Walsh, National Cancer Institute, Bethesda, MD

New Developments in the Diagnosis and Management of CMV and Adenovirus Infection in Stem Cell Transplant Recipients

Michael Boeckh, Fred Hutchinson Cancer Research Center, Seattle, WA

HHV6 Infections in Immunocompromised Patients

Danielle Zerr, Children's Hospital and Regional Medical Center, Seattle, WA

Discussion

Sponsored jointly by the American Society of Pediatric Hematology / Oncology; Pediatric Infectious Diseases Society and the Pediatric Academic Societies

2:30pm – 4:00pm

2802 Molecular Imaging: Hematopoiesis and Vascular Development in Real Time

PAS State of the Art

Chairs: Donna Ferriero, University of California, San Francisco, CA; and Lisa Guay-Woodford, University of Alabama at Birmingham, Birmingham AL

The application of imaging technologies to solving questions in biology and medicine is revolutionizing medicine by accelerating analyses in situ and in vivo and providing new perspectives on biological processes as diverse as development, neoplasia and injury repair. In this plenary session, three internationally recognized speakers will focus on developmental processes and discuss how these new imaging technologies are providing dynamic insights into the genetic and epigenetic mechanisms that underpin hematopoiesis and vascular development.

Dynamic Imaging of Fluid Forces in Developing Mouse Vasculature

Mary Dickinson, Beckman Institute–Caltech, Pasadena, CA

Microscopic Imaging of Angiogenesis

Donald McDonald, University of California, San Francisco, CA

Watching Hematopoietic Stem Cell Engraftment and Hematopoiesis in Living Animals

Christopher H. Contag, Stanford University School of Medicine, Stanford, CA

3:00pm – 6:00pm

2850 Psychopharmacology

PAS/SAM Mini Course

Chair: Donald E. Greydanus, Michigan State University College of Human Medicine, Kalamazoo, MI

The use of psychopharmacologic agents in children and adolescents has increased significantly over the past decade. Clinicians and researchers are becoming more involved in using these various medications, and this trend will continue in the future. What is the evidence-based medicine (EBM) for these medications as they apply to children and adolescents? This mini course will review the current research as applied to antidepressants, stimulants, mood stabilizers and antipsychotics. Applications to mental disorders in children and adolescents will be discussed. Questions from the audience will be encouraged. This is a continuation to the popular session held in May 2003 in Seattle.

Antidepressants

Susan Smiga, Langley Porter Child and Adolescent Psychiatric Center, University of California, San Francisco, CA

Stimulants and Mood Stabilizers

Glen R. Elliott, Langley Porter Child and Adolescent Psychiatric Center, University of California, San Francisco, CA

Antipsychotics

Chris K. Varley, University of Washington Medical Center, Children's Hospital and Regional Medical Center, Seattle, WA

Sponsored jointly by the Society for Adolescent Medicine and the Pediatric Academic Societies

4:15pm – 6:15pm

2900 Emerging Trends in Hematopoietic Stem Cell Transplantation for Primary Immunodeficiencies

PAS/ASPHO Topic Symposium

Chairs: K. Scott Baker, University of Minnesota, Minneapolis, MN; and Nancy Bunin, Children's Hospital of Philadelphia, Philadelphia, PA

This program will focus on emerging trends in hematopoietic stem cell transplantation for children with primary immunodeficiencies. Topics to be covered will include the use of alternative donor sources such as unrelated cord blood, new approaches with lower intensity pre-transplant conditioning regimens and an update on transplant outcomes for some of the more common primary immunodeficiencies such as SCID, WAS and HLH.

Hematopoietic Stem Cell Transplant for Primary Immunodeficiency Disorders: Update of Outcomes and Unrelated Cord Blood

Alexandra H. Filipovich, Children's Hospital Medical Center, Cincinnati, OH

Nonmyeloablative Stem Cell Transplant for Congenital Immunodeficiencies

Kanchana Rao, Great Ormond Street Hospital for Children, London, United Kingdom

Hematopoietic Stem Cell Transplant for Hemophagocytic Lymphohistiocytosis: Results from the Multi-institutional National Marrow Donor Program HLH Protocol

K. Scott Baker, University of Minnesota, Minneapolis, MN

Sponsored jointly by the American Society of Pediatric Hematology / Oncology and the Pediatric Academic Societies

4:15pm – 6:15pm

2901 Enzyme Replacement Therapies for Lysosomal Storage Disorders

PAS Topic Symposium

Chair: Joel Charrow, Feinberg School of Medicine, Northwestern University, Chicago, IL

In 1991 recombinant human glucocerebrosidase was approved by the FDA and introduced into clinical practice for the treatment of type 1 Gaucher disease. Since then over 3,000 children and adults with this disease have received this enzyme replacement therapy (ERT) and have experienced arrest of the progression of their disease and reversal of many of the signs and symptoms of Gaucher disease.

The success of this experience has encouraged the development of other ERT products for the treatment of lysosomal storage diseases and treatments for Fabry disease and Mucopolysaccharidosis 1 were FDA approved in April 2003. In this topic symposium we will review the effects of ERT for these three disorders: Gaucher disease, Fabry disease and Mucopolysaccharidosis 1. In addition, we will review progress in the development of ERTs for other lysosomal storage disorders.

Gaucher Disease: 10 Years Experience with Enzyme Replacement Therapy

Joel Charrow, Feinberg School of Medicine, Northwestern University, Chicago, IL

Enzyme Replacement Therapy for Fabry Disease

Christine Eng, Baylor College of Medicine, Houston, TX

Treatment of MPS I with Enzyme Replacement Therapy

Joseph Muenzer, University of North Carolina, Chapel Hill, NC

Supported by an unrestricted educational grant from Genzyme Therapeutics

4:15pm – 6:15pm

2902 Epigenetics and Its Role in Programming

PAS Topic Symposium

Chair: Sherin U. Devaskar, David Geffen School of Medicine, University of California, Los Angeles, CA

This session will provide insight into the epigenetic mechanisms responsible for gene expression and its impact during development resulting in programming. These mechanisms may underlie interactions between different nutritional and environmental influences on gene expression. Various examples will be discussed, and the life-long impact of these processes on the phenotype described. This session will provide insight into the relationship between fetal/neonatal events and long-term effects that manifest as chronic adulthood diseases. The speakers will present various aspects of this phenomenon and its physiological outcome.

Evolution of Imprinted Disease Susceptibility Genes

Randy L. Jirtle, Duke University Medical Center, Durham, NC

The Contribution of Genomic Imprinting and Epigenetics to Phenotype

Arthur L. Beaudet, Baylor College of Medicine, Houston, TX

Maternal Care, DNA Methylation and the Development of Individual Differences in Stress Reactivity

Michael Meaney, McGill University, Montreal, Canada

4:15pm – 6:15pm

2903 Severe RSV Disease: Advances in Pathogenesis, Treatment and Prevention

PAS/PIDS Topic Symposium

Chairs: Joseph B. Domachowski, SUNY Upstate Medical University, Syracuse, NY; and Leonard Krilov, Winthrop University Hospital, Mineola, NY

This topic symposium is focused on advances in understanding, treating and preventing severe RSV disease. A discussion centered on new insights into the pathogenesis of severe viral pneumonia will be followed by an overview of the evidence linking severe RSV disease to asthma. Unique issues surrounding the diagnosis and management of RSV in the highest risk populations will be discussed. Finally, recent advances in the development of safe and effective RSV vaccines will be presented.

Pathogenesis of Severe Disease: Lessons from the Mouse Pneumovirus Model

Helene F. Rosenberg, National Institute of Allergy and Infectious Diseases, National Institutes of Health, Bethesda, MD

RSV and Asthma—Myth or Reality?

Octavio Ramilo, University of Texas Southwestern Medical Center, Dallas, TX

Diagnosis and Management of RSV in High-Risk Patients

John P. DeVincenzo, University of Tennessee, Memphis, TN

Progress in the Development of RSV Vaccine

Ruth A. Karron, Johns Hopkins University, Baltimore, MD

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

4:15pm – 6:15pm

Subspecialties/Themes

Original Science Abstracts

Visit www.pas-meeting.org in February 2004 for the abstract program schedules.

5:00pm – 6:00pm

2975 APA Business Meeting and Awards

Business Meeting

Health Care Delivery Award
Public Policy and Advocacy Award
Research Award
Teaching Award
International Health Award
Ludwig-Seidel Award
National Pediatric Community Teaching Award
Ray E. Helfer Award for Innovation in Pediatric Education

6:00pm – 7:00pm

2980 Health Insurance Portability and Accountability Act (HIPAA)—Help or Hindrance

APA Debate

Chair: Steven P. Shelov, Professor and Chair, Department of Pediatrics, Vice President, Infants and Children's Hospital of Brooklyn, Maimonides Medical Center, Brooklyn, NY

This debate will be an hour of “edu-tainment”, intended to raise some important issues but all in the spirit of fun.

Resolved: HIPAA Improves Patient Care

Pro the resolution:

Kenneth B. Roberts, Director, Pediatric Teaching Program, Moses Cone Health System, Professor of Pediatrics, University of North Carolina, Greensboro, NC

Daniel Lee Coury, Professor of Clinical Pediatrics, Chief, Developmental-Behavioral Pediatrics, Columbus Children's Hospital, Columbus, OH

Con the resolution:

Lolita M. McDavid, Medical Director Child Advocacy and Protection, Rainbow Babies and Children's Hospital, Cleveland, OH

Richard T. Sarkin, Professor of Clinical Pediatrics, University at Buffalo School of Medicine, Buffalo, NY

