

The Programme for Global Paediatric Research

May 1–4, 2010
Vancouver Convention Centre
Vancouver, BC, Canada

About the Programme for Global Paediatric Research

The Programme for Global Paediatric Research (PGPR) includes paediatric researchers, societies, and other organizations committed to child health. It was formed in January 2004 to address the disparity between the scientific research resources available in high-income countries and the quantity of scientific research focused on the health of children in mid- and low-income countries. PGPR works at the centre of a global network to inform, educate and facilitate international research cooperation and collaboration, and acts as an advocate for research to improve the health of all children.

Registration Information

A registration fee set by the PAS is required to attend any PAS activities, including PGPR Symposia. Attendees may register onsite at the Vancouver Convention Centre.

If you wish to attend the special PGPR workshop on May 4th, and/or require further information about any of the PGPR events, please contact:

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The Programme for Global Paediatric Research
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Continuing Education

Continuing Education is through the PAS. See page 9 for complete information.

Saturday, May 1

5:00pm–6:30pm

1800 PAS Opening General Session
Vancouver Convention Centre

Presidents Welcome, Joseph St. Geme Leadership Award, Kenote Lecture

Sunday, May 2

8:00am–10:00am

2105 Global Child Health: Exploring Effective Models To Guide Cross-National Collaborations in Research, Training and Clinical Care

State of the Art Plenary ~ Vancouver Convention Centre

Target Audience: General pediatricians, health services researchers, policy makers, child advocates, public health professionals, trainees, educators.

Objectives:

- To understand the key elements of effective cross-national programs to reduce child mortality and morbidity
- To outline and understand the methods for establishing international research centers of excellence
- To understand the role of national and international organizations in promoting effective clinical, training and research collaborations
- To outline the components of sustainability of established programs addressing global child health

Chairs: Danielle Laraque, Mount Sinai School of Medicine, New York, NY and Judith S. Palfrey, Children's Hospital, Boston, MA

International child health collaborations in research, training and clinical care are needed to address the global burden of childhood disease and to focus attention on improving the quality of life for all children. Malnutrition, diarrheal illnesses, birth asphyxia, low birth weight, malaria, pneumonia, HIV/AIDS, environmental hazards, unintentional injury, maltreatment, suicide, homicide, and other conditions are responsible for high levels of child and adolescent morbidity and mortality in most developing countries. These conditions are unacceptably high, even in economically advanced countries. In addition, economic and socio-political conditions continue to threaten child well-being. There is a need for thoughtful, fundamental and sustainable interventions targeting child health concerns. This State of the Art Plenary will discuss effective, cross-national models of research, training, and clinical care that may positively impact child health, and will elucidate key policy initiatives and provide a framework for action by pediatricians seeking to improve outcomes for children worldwide.

8:00 Introduction

Judith S. Palfrey, Children's Hospital, Boston, MA
Danielle Laraque, Mount Sinai School of Medicine, New York, NY

8:10 Helping Babies Breathe: Improving Basic Child Survival

William J. Keenan, St. Louis University, St. Louis, MO

8:35 The GHESKIO Centers in Haiti: A Model of National and International Collaboration of Integrated Research, Training and Patient Care

William Jean Pape, Weill Medical College of Cornell University, Les Centres GHESKIO, New York, NY

9:00 Effective Training Models: View of the Federation of Pediatric Organizations

Bonita F. Stanton, Wayne State University and the Children's Hospital of Michigan, Detroit, MI

9:25 Tobacco Control Worldwide: Advocacy and Policy Implications for the World's Children

Jonathan D. Klein, American Academy of Pediatrics, Elk Grove Village, IL

9:50 Closing Comments and Open Discussion on Next Steps

Judith S. Palfrey, Children's Hospital, Boston, MA
Danielle Laraque, Mount Sinai School of Medicine, New York, NY

1:00pm–3:00pm

2600 Malaria Eradication: Is It Possible?

State of the Art Plenary ~ Vancouver Convention Centre

Target Audience: Scientists, clinicians and students involved in or interested in global health research or clinical work, public health professionals, epidemiologists, infectious disease physicians, anyone interested in the "big picture" work of combatting serious disease.

Objectives:

- Identify the methods proposed for malaria eradication
- Describe the success of current interventions in reducing malaria incidence

- Appreciate potential obstacles to malaria eradication
- Describe the role of a malaria vaccine in malaria eradication plans

Chairs: Chandy C. John, University of Minnesota Amplatz Children's Hospital, Minneapolis, MN and Cynthia R. Howard, University of Minnesota Amplatz Children's Hospital, Minneapolis, MN

Malaria is a leading cause of death and morbidity worldwide in children under 5 years of age. Eradication of malaria is being discussed and promoted for the first time since the 1950's. Eradication campaigns from the 1950's to the 1970's reduced malaria in some areas, but failed to eradicate malaria. What makes the current proposals for eradication different from those that failed? What evidence is there that the new methods proposed for eradication will be successful? What are the obstacles to implementing these methods? What role does a malaria vaccine have in eradication efforts? Leading malaria researchers and public health experts will provide answers to these important questions, and outline the way forward for a campaign that promises to be one of the major public health initiatives of this century.

- 1:00 Overview**
Chandy C. John and Cynthia R. Howard, University of Minnesota Amplatz Children's Hospital, Minneapolis, MN
- 1:05 The Case for Malaria Eradication**
Laurence Slutsker, Centers for Disease Control and Prevention, Atlanta, GA
- 1:30 Are Current Malaria Control Programs Working?**
Chandy C. John, University of Minnesota Amplatz Children's Hospital, Minneapolis, MN
- 1:55 Antimalarial Drugs: Tools and Obstacles for Malaria Eradication**
Miriam Laufer, University of Maryland School of Medicine, Baltimore, MD
- 2:20 The Role of Vaccines in Malaria Eradication**
Arlene Dent, Rainbow Babies and Children's Hospital and Case Western Reserve University, Cleveland, OH
- 2:45 Discussion**

Program developed by the Pediatric Infectious Diseases Society, Programme for Global Paediatric Research and the Pediatric Academic Societies

Monday, May 3

8:00am–11:00pm

- 3160A Developing and Delivering Better Health for Every Child: From Bench to All the World's Children—Part I**
PGPR State of the Art Plenary ~ Vancouver Convention Centre

Target Audience: Scientists and clinicians with an interest in global childhood health issues and in the process of implementing programs for the improvement of child health in developing countries.

Objective:

- Understand the need for collaborative programs which can apply known treatments to children in need

Chairs: Alvin Zipursky, The Programme for Global Paediatric Research, The Hospital for Sick Children, Toronto, ON, Canada and Stuart M. Macleod, B.C. Research Institute for Children's and Women's Health, Child and Family Research Institute, Vancouver, BC, Canada

Each year millions of children die from disease in developing countries for which potential treatment exists. This session will discuss implementation: Why, when and how information developed in one setting can be used to save children's lives in another setting.

- 8:00 Introduction**
Presentation of the 2010 Programme for Global Paediatric Research Award for Outstanding Contributions to Global Child Health*
Awardee Address
Awardee to be determined

9:00 Implementation Science: Putting Knowledge into Action

Roger Glass, Fogarty International Center, National Institutes of Health, Bethesda, MD

9:30 Developing Community Case Management for Pneumonia in Developing Countries

Shamin Qazi, Child and Adolescent Health and Development, World Health Organization, Geneva, Switzerland

10:00 The Challenge of Implementing the Global Sickle Cell Disease Network

Isaac Odame, Hospital for Sick Children, Toronto, ON, Canada

10:30 One Million Neonatal Deaths: Complete Community Data for Priority Setting

Diego G. Bassani, Centre for Global Health Research, Li Ka shing Knowledge Institute, St. Michael's Hospital, Toronto, Canada

**The Programme for Global Paediatric Research Award for Outstanding Contributions to Global Child Health is supported by a grant from Pfizer Inc.*

Program developed by The Programme for Global Paediatric Research

1:00pm–3:00pm

Developing and Delivering Better Health for Every Child: From Bench to All the World's Children— Part II

PGPR/PAS Original Science Abstract Program ~ Vancouver Convention Centre

Platform Sessions and Poster Symposia details will be available in February

Program developed by The Programme for Global Paediatric Research

1:45pm–3:45pm

3455 Addressing Vaccine-Preventable Diseases in the Developing World

Symposium ~ Vancouver Convention Centre

Target Audience: General pediatricians, epidemiologists, public health specialists, international health specialists, and infectious disease specialists.

Objective:

- Provide understanding of the epidemiology of major infectious diseases in developing countries and of the vaccines developed to prevent these diseases

Chairs: Jennifer S. Read, National Institutes of Health, Bethesda, MD and Walter A. Orenstein, Bill and Melinda Gates Foundation, Seattle, WA

Each year, millions of children, mostly in the world's poorest countries, do not receive immunizations against vaccine-preventable diseases. It is estimated that over two million children die each year from preventable diseases despite the existence of effective vaccines. This session will provide a review of the epidemiology of four major infectious diseases in developing countries, and the available data regarding the efficacy and effectiveness in the developing world of vaccines developed to prevent such infections.

1:45 Pneumococcal Conjugate Vaccines in Developing Countries

Orin S. Levine, Johns Hopkins University, Bloomberg School of Public Health, Baltimore, MD

2:15 Influenza Vaccines in the Developing World

Kathy Neuzil, Program for Appropriate Technology in Health, Seattle, WA

2:45 Oral and Parenteral Rotavirus Vaccines in Developing Countries

Roger Glass, Fogarty International Center, National Institutes of Health, Bethesda, MD

3:15 Human Papillomavirus Vaccines in the Developing World

Aisha Jumaan, Program for Appropriate Technology in Health, Seattle, WA

Program developed by The Pediatric Infectious Diseases Society and the Pediatric Academic Societies

3:00pm–5:00pm

**3460A Developing and Delivering Better Health for Every Child:
From Bench to All the World's Children–Part III**

State of the Art Plenary ~ Vancouver Convention Centre

Target Audience: Scientists and clinicians with an interest in global childhood health issues and in the process of implementing programs for the improvement of of child health in developing countries.

Objective:

- Understand the need for collaborative programs which can apply known treatments to children in need

Chairs: Alvin Zipursky, The Programme for Global Paediatric Research, The Hospital for Sick Children, Toronto, ON, Canada and Robert Armstrong, B.C. Children's Hospital, Vancouver, BC, Canada

Each year millions of children die from disease in developing countries for which potential treatment exists. This session will discuss implementation: Why, when and how information developed in one setting can be used to save children's lives in another setting.

3:00 The Significant Challenges In Scaling Up Interventions That Work: The Case Of Micronutrient Powders (Sprinkles)

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

3:30 Prevention of Kernicterus: Implementation of a Global Program

Vinod K. Bhutani, Stanford University School of Medicine, Palo Alto, CA

4:00 The Prevention of Prematurity, Neonatal Deaths and Stillbirths: The GAPPS Program

Craig E. Rubens, University of Washington, Seattle, WA

4:30 Rh Hemolytic Disease in Developing Countries: Facing the Threat

Alvin Zipursky, The Programme for Global Paediatric Research, The Hospital for Sick Children, Toronto, ON, Canada

Program developed by The Programme for Global Paediatric Research

Tuesday, May 4

PGPR Workshop

This workshop is a companion session to the May 3 PGPR Symposium on implementation. At the workshop colleagues from around the world will meet in a more intimate setting to work together to advance the dialogue and information regarding implementation. . Separate registration (no fee) is required to attend this workshop. For further information and/or registration please contact:

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