

Fifth Annual Meeting of the African Science Academy Development Initiative (ASADI)
Improving Maternal, Newborn, and Child Health in Sub-Saharan Africa
November 9-11, 2009*

La Palm Royal Beach Hotel
Adae Kese Conference Room
Accra, Ghana

AGENDA

Conference Objectives

- *To assemble the best scientific talent to report on the latest key trends in maternal, newborn, and child health in sub-Saharan Africa*
- *To raise awareness about the remaining maternal and child health challenges facing the region*
- *To engage senior African policymakers and planners from around the region in dialogue on the above issues and to discuss new programmatic and possible policy directions*
- *To raise awareness of the value of science generally in informing national development strategies and to highlight that much is already known about how to improve maternal, newborn, and child health outcomes*
- *To explore the potential for African academies of science to provide additional support to national policy formation in this area*
- *To support the general development of African academies of science*

* *Scientific sessions commence on November 10, 2009*

Monday, November 9, 2009

**Opening Ceremony & Launch of *Science in Action* Publication
6:00 – 9:00 pm**

The “Science in Action” publication discusses what is known about the key interventions for improving maternal, newborn, and child health in Africa. The publication was developed by representatives from seven African science academies and a team of more than 60 experts they assembled.

4:30-6:00 **Press Conference**

6:00-6:45 **Welcome/Introductions/Other Remarks**

*Reginald Fraser Amonoo, PhD, FGA
President, Ghana Academy of Arts and Sciences, Ghana*

*Jo Ivey Boufford, MD
Foreign Secretary, Institute of Medicine of the US National Academies*

*Elias K. Sory, MD
Director General, Ghana Health Service*

6:45-7:15 **Messages from Major Stakeholders:**

US National Academy of Sciences
Ralph Cicerone, MS, PhD; President

Kofi Annan Foundation
*Kofi Annan; President, Kofi Annan Foundation
Former UN Secretary General*

Royal Society, UK
Lord Rees of Ludlow, OM; President

German Academy of Sciences Leopoldina
Volker ter Meulen, MD, PhD; President

US Institute of Medicine
Harvey Fineberg, MD, PhD; President

GAVI Alliance
*Mary Robinson; Chair, GAVI Alliance
Former President of Ireland (1990-1997) and former United Nations High
Commissioner for Human Rights (1997-2002)*

7:15-7:35 **Keynote Address – Improving Maternal, Newborn, and Child Health in Sub-Saharan Africa: Time for Change**

*Tigest Ketsela Mengestu, MD
Division of Family and Reproductive Health
WHO Regional Office for Africa*

- 7:35-7:45** **Genesis of “Science in Action” Publication**
Robin Crewe, PhD
Vice-Principal, University of Pretoria
President, Academy of Science of South Africa
- 7:45-8:00** **Launch of “Science in Action” Publication**
Fred T. Sai, MBBS, FRCPE, MPH, FGA
Reproductive Health Consultant, Ghana
- 8:00-9:00** **Cocktail Reception – Ocean Terrace**

SCIENTIFIC SESSIONS

Tuesday, November 10, 2009

- 8:00-8:45** **Registration and Coffee**
- 8:45-10:30** **SESSION 1:**
STATUS OF MATERNAL, NEWBORN AND CHILD HEALTH IN SUB-SAHARAN AFRICA & ROLE OF AFRICAN SCIENCE ACADEMIES
- Chair:**
Fred T. Sai, MBBS, FRCPE, MPH, FGA
Reproductive Health Consultant, Ghana
- 8:50-9:05** **How Science Academies Provide Evidence-Based Advice**
Patrick Kelley, MD, DrPH
Director, Board on African Science Academy Development
US National Academies
- 9:05-9:45** **Status of Maternal, Newborn and Child Health in Sub-Saharan Africa**
Joy Lawn, BS, MPH, MRCP
Senior Research and Policy Advisor
Save the Children, US
- 9:45-10:05** **Moving Science into Action: Estimate of Lives Saved**
Robert Black, MD, MPH
Edgar Berman Professor; Chair, Department of International Health; and,
Director, Institute for International Programs
Johns Hopkins Bloomberg School of Public Health, USA
- 10:05-10:30** **General Discussion**
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- 10:30-10:45** **Break**
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- 10:45-11:35** **SESSION 2: ROUNDTABLE DISCUSSION**

**EVIDENCE-BASED SCIENTIFIC ADVICE ON MATERNAL, NEWBORN
AND CHILD HEALTH: AN AFRICAN POLICYMAKER'S PERSPECTIVE ON
WHAT IS NEEDED**

Moderator:

*Ivan Addae-Mensah, PhD, FGA
Former Vice Chancellor, University of Ghana*

Panelists – Policymakers representing ASADI partner countries

*Aboubakry Sy, MD
Technical Advisor for Maternal, Newborn, and Child Health,
Ministry of Health, Senegal*

*Angwafo III Fru Fobushi, MD
Secretary-General of the Ministry of Health, Cameroon*

*B. M. Goqwana, MD, MP
Chairperson, Parliamentary Portfolio Committee on Health, South Africa*

*Charles Ngabirano, BDS, MP
Chairman, Parliamentary Committee on Science and Technology, Uganda*

*Judith Bwonya, MD
Ministry of Health, Kenya*

*Jubril Aminu, MD
Senator of Adamawa Central, Nigeria*

*Mustapha Ahmed, MD, MP
Chairman of the Parliamentary Select Committee on Health, Ghana*

**11:35-1:00 SESSION 3:
CURRENT AND EMERGING KEY INTERVENTIONS IN MATERNAL
HEALTH**

Chair:

*Doubou Ba, PhD
Permanent Secretary, Senegal Academy of Science and Technology*

11:40-12:00 Maternal Health Interventions: Lessons from the IMMPACT Project
*Wendy Graham, DPhil
Impact Principal Investigator; Professor of Obstetric Epidemiology
University of Aberdeen, UK*

12:00-12:20 Reducing Maternal Mortality: Africa/Asia Comparison
*Ayorinde Ajayi, MD, MPH
Vice-President, Field Programs
PATH, USA*

12:20-12:40 The Importance of Addressing Adolescent Reproductive Health Issues
Barthelemy Kuate Defo, PhD, MPH
Professor of Medical Demography & Preventive Medicine
University of Montreal, Canada

12:40-1:00 General Discussion

1:00-2:00 Lunch

**2:00-3:30 SESSION 4:
CURRENT AND EMERGING KEY INTERVENTIONS IN NEWBORN AND
CHILD HEALTH**

Chair:

Dominic W. Makawiti, BSc, MSc, PhD, CBiol, MIBiol
Executive Member, Kenya National Academy of Sciences

2:05-2:25 Newborn Health Packages
Kate Kerber, MPH
Save the Children, South Africa

2:25-2:45 Evaluation of Accelerated Child Survival Programs in Sub-Saharan Africa
Jennifer Bryce, MS, Med, EdD
Senior Scientist, Institute for International Programs
Johns Hopkins Bloomberg School of Public Health, USA

2:45-3:05 Nutritional Requirements for Small Children
Matthias Brandis, MD
Senator, Gynaecology and Paediatrics Sector
German Academy of Sciences Leopoldina

3:05-3:30 General Discussion

3:30-3:45 Break

**3:45-5:15 SESSION 5:
AFRICAN SCIENCE ACADEMIES IN ACTION:
RECENT ACTIVITIES, PROCESSES, FINDINGS, RECOMMENDATIONS,
AND FOLLOW-UPS**

Chair:

Roseanne Diab, PhD
Executive Officer, Academy of Science of South Africa

3:50-4:10 Malaria Prevention and Control: An Example of the Ugandan National Academy of Sciences in Action

James Tibenderana, MB ChB, MPhil, PhD
Director, Malaria Research Centre, Uganda; Chair, Committee on Assessing Malaria Vector Resistance to Insecticides Used For Indoor Residual Spraying In Uganda, Uganda National Academy of Sciences

4:10-4:30 HIV/AIDS, TB and Nutrition: Special Considerations of Infancy and Childhood; Findings from the Academy of Science of South Africa's Report and its Impact on Public Policy

Robin Crewe, PhD
Vice-Principal, University of Pretoria
President, Academy of Science of South Africa

4:30-4:50 How the Nigerian Academy of Sciences' Forum on Evidence-Based Medicine is Informing National Policy in Nigeria

Akin Osibogun, MB ChB, MPH
Chief Medical Director, Lagos University Teaching Hospital
Member, Forum on Evidence Based Health Policymaking, Nigerian Academy of Sciences

4:50-5:15 General Discussion: Identifying Appropriate Advisory Models for Science Academies in Africa

5:15-6:15 End of Plenary Session/ Poster Exhibition

Opportunity to view current research conducted by organizations and individuals in the field of maternal, newborn, and child health.

6:15 Adjourn

Wednesday, November 11, 2009

8:55-10:25 SESSION 6: HEALTH SYSTEMS

Chair:

Oyewusi Ibidapo-Obe, BSc, PhD
President, Nigerian Academy of Science

9:00-9:20 Healthcare Systems and Maternal, Newborn, and Child Health in Sub-Saharan Africa

Joanne Greenfield
Chief of Health
UNICEF, Ghana

9:20-9:40 The Health Workforce in Sub-Saharan Africa

9:40-10:00 Healthcare Financing in Sub-Saharan Africa

Chris Atim, MA, PhD
African Health Economics and Policy Association
World Bank, Senegal

10:00-10:25 General Discussion

10:25-10:40 Break

**10:40-12:30 SESSION 7:
IMPROVING HEALTHCARE: STRATEGIES TO REDUCE MATERNAL,
NEWBORN, AND CHILD HEALTH CHALLENGES**

Chair:

Paul Mugambi, PhD
President, Uganda National Academy of Science

10:45-11:05 Community-Based Strategies to Reduce Maternal, Newborn, and Child Health Challenges

Nana A. Y. Twum-Danso, MD, MPH
Director, Project Fives Alive!
Accra, Ghana

- 11:05-11:25 Improving Access to Emergency Obstetric and Newborn Care**
E. Yao Kwawukume, MB ChB, FWACS, FICS
Consultant Obstetrician and Gynaecologist, Department of Obstetrics and Gynaecology,
University of Ghana Medical School, College of Health Sciences
Chief Executive Officer, Women's Health Foundation, Ghana
- 11:25-11:45 Care of Low-Birth Weight Babies/Intensive Neonatal Care**
Aggrey Wasunna, MMed
Chairman, Department of Pediatrics and Child Health
University of Nairobi, Kenya
- 11:45-12:05 Progress in Vaccinations**
Francis K. Nkrumah, MD, MPH, PhD, FGA
Professor Emeritus
Former Director, Noguchi Memorial Institute for Medical Research, Ghana
- 12:05-12:30 General Discussion**

12:30-1:30 Lunch

**1:30-3:00 SESSION 8:
HEALTH INFORMATION SYSTEMS**

Chair:

Mohamed Hassan, PhD
Executive Director, The Academy of Sciences for the Developing World
President, African Academy of Sciences
Nairobi, Kenya

1:35-1:55 Current State of Health Information Systems

Sally Stansfield, MD
Executive Director, Health Metrics Network
WHO, Switzerland

1:55-2:15 Using Longitudinal Systems to Measure Progress in MDG 4 and MDG 5

Ayaga Bawah, PhD
Principal Research Associate
INDEPTH Network, Ghana

2:15-2:45 General Discussion

2:45-3:05 Break

**3:05-4:20 SESSION 9: ROUNDTABLE DISCUSSION
DEVELOPING AND APPLYING NEW KNOWLEDGE:
KEY CHALLENGES AND NEXT STEPS FROM VARIOUS PERSPECTIVES**

Moderator:

*Mickey Chopra, PhD
Chief of Health, UNICEF*

*Robert John Leke, FCAS
Professor of Gynaecology & Obstetrics, Cameroon Academy of Science*

*Daniel A. Singer, MD, MPH, FACP
Associate Director for Global Health Research and International Activities
National Institutes of Health*

*Patrick Amuriat Oboi, Hon., BSC, PGDE
Member of Parliament, Uganda*

*Fred T. Sai, MBBS, FRCPE, MPH, FGA
Former President, Ghana Academy of Arts and Sciences*

*Jutta Schnitzer-Ungefug, PhD
Secretary General, German Academy of Sciences Leopoldina*

*Pauline Beattie, DPhil
Welcome Trust, UK*

**4:20-4:30 Closing Remarks/Handing over to the Academy of Science of South Africa, Host for
ASADI VI in 2010**

*Reginald Fraser Amonoo, PhD, FGA
President, Ghana Academy of Arts and Sciences, Ghana*

*Robin Crewe, PhD
Vice-Principal, University of Pretoria; President,
Academy of Science of South Africa*

Join us in South Africa for the Sixth Annual International Conference of ASADI