

**Fifth Annual Meeting of the African Science Academy Development Initiative (ASADI)
Improving Maternal, Newborn, and Child Health in Sub-Saharan Africa
November 10-11 2009**

**La Palm Royal Beach Hotel
Adaya 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*
-

Opening Ceremony & Launch of *Science in Action* Publication
6:00 – 8:30 pm

The “Science Saving Lives” publication discusses what is known about the key interventions for improving maternal, newborn, and child health in Africa. The publication is being developed by Academy of Science of South Africa in collaboration with the Cameroon Academy of Sciences, the Ghana Academy of Arts and Sciences, the Kenya National Academy of Sciences, the Nigerian Academy of Science, the Uganda National Academy of Sciences, and the Academy of Science and Technology of Senegal.

5:00-6:00 **Press Conference**

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

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

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

*Kathy Cahill, MPH (invited)
Deputy Director, Integrated Health Solutions and Development Division
Global Health, Gates Foundation*

Representative, Ministry of Health, Ghana

6:45-7:15 **Video Messages from Major Stakeholders in Maternal, Newborn and Child Health**

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

Special Guest of Honor

7:35-7:55 **Launch of “Science in Action” Publication**

*Fred T. Sai, MBBS, FRCPE, MPH, FGA
Reproductive Health Consultant, Ghana*

*Hoosen Coovadia, MBBS, MD
Victor Daitz Professor for HIV/AIDS research,
University of Kwazulu-Natal, South Africa*

7:55-8:30 **Cocktail Reception – Ocean Terrace**

** Scientific Sessions officially commences on November 10, 2009**

SCIENTIFIC SESSIONS

Tuesday, November 10, 2009

8:00-8:55 **Registration and Coffee**

8:55-10:30 **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*

9:00-9:15 **How Science Academies Provide Evidence-Based Advice**

*Patrick Kelley, MD, DrPH, Director,
Board on African Science Academy Development
US National Academies*

9:15-9:55 **Status of Maternal, Newborn and Child Health in Sub-Saharan Africa**

*Joy Lawn, BS, MPH, MRCP
Senior Research and Policy Advisor
Save the Children, South Africa*

9:55-10:15 **Moving Science into Action: Estimate of Lives Saved**

*Robert Black, MD, MPH
Edgar Berman Professor; Chair of the Department of International Health;
Director of the Institute for International Programs
Johns Hopkins Bloomberg School of Public Health, USA*

10:15-10:30 **General Discussion**

10:30-10:45 **Break**

10:45-11:30 **SESSION 2: ROUNDTABLE DISCUSSION
EVIDENCE-BASED SCIENTIFIC ADVICE ON MATERNAL, NEWBORN
AND CHILD HEALTH: AN AFRICAN POLICYMAKER'S PERSPECTIVE ON
WHAT IS NEEDED**

Moderator: TBD

Panelists – Policymakers representing 8 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 Nyabirano, MD, Chairman of the Parliamentary Committee on Science and Technology, Uganda

James Nyikal, MD, Director of Medical Services, Kenya

Jubril Aminu, MD, Senator of Adamawa Central, Nigeria

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

**11:30-1:15 SESSION 3:
CURRENT AND EMERGING KEY INTERVENTIONS IN MATERNAL
HEALTH**

11:30-11:35 Introduction by Chair
Doubou Ba,
Vice President, Senegal Academy of Science and Technology

11:35-11:55 Maternal Health Interventions: Lessons from the IMMPACT Project
Wendy Graham, DPhil
Impact Principal Investigator; Professor of Obstetric Epidemiology
University of Aberdeen, UK

11:55-12:15 Reducing Maternal Mortality: Africa/Asia Comparison
Ayorinde Ajayi, MD, MPH
Vice-President, Field Programs
PATH, USA

12:15-12:35 The Importance of Addressing Adolescent Reproductive Health Issues
Barthelemy Kuate Defo, PhD, MPH
Professor of Medical Demography & Preventive Medicine
University of Montreal, Canada

12:35-1:00 General Discussion

1:00-2:00 Lunch

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

2:00-2:05 Introduction by 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 BRIEFS; PROCESSES; FINDINGS; RECOMMENDATIONS; AND
FOLLOW-UPS**

3:45-3:50 **Introduction by Chair**
Roseanne Diab, PhD
Executive Officer, Academy of Science of South Africa

3:50-4:10 **Malaria; Prevention, Control: An Example of Uganda 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 Report and its Impact on
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**

5:15-6:00 **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.

6:00 **Adjourn**

Wednesday, November 11, 2009

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

8:55-9:00 **Introduction by 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**
Mickey Chopra, PhD
Director, Health Systems Research Group
South Africa Medical Research Council

9:20-9:40 **The Health Workforce in Sub-Saharan Africa**
Helen Lugina, PhD
Coordinator, Human Resources Development and Capacity Building program of the East, Central and Southern Africa Health Community

9:40-10:00 **Healthcare Financing in Sub-Saharan Africa**
Chris Atim, PhD, MA
Economist, Policy and Access Unit, PATH

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**

10:40-10:45 Introduction by Chair
Chair: TBD
Uganda National Academy of Science

10:45-11:05 Community-Based Strategies to Reduce Maternal, Newborn, and Child Health Challenges
Samuel Ofosu-Amaah, MB ChB, FRCS, Ch M, FGA
President, Ghana College of Physicians and Surgeons;
Former Director, School of Public Health, University of 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
Consultant Neonatologist, Associate Professor;
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

**1:30-2:40 SESSION 8:
HEALTH INFORMATION SYSTEMS**

1:30-1:35 Introduction by Chair
Mohamed Hassan
President, Network of African Science Academies

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; Deputy Executive Director
INDEPTH Network, Ghana

2:15-2:40 General Discussion

2:40-3:00 Break

**3:00-3:20 NEXT STEPS:
Special Presentation on Investment Case**
Speaker: TBD

**3:20-4:05 SESSION 9: ROUNDTABLE DISCUSSION
DEVELOPING AND APPLYING NEW KNOWLEDGE:
KEY CHALLENGES AND NEXT STEPS FROM VARIOUS PERSPECTIVES-
Donors; Practitioners; Policymakers; Science Academies**

Moderator:
Cheikh Mbacké, PhD
Member, Board on African Science Development

Panelists
Donor: *TBD*

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

Policymakers:

Jean-Pierre Ezin, BA, PhD

African Union Commissioner for Human Resources, Science, and Technology

Patrick Amuriat Oboi, Hon., BSC, PGDE

Member of Parliament, Uganda

Science Academies:

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

4:05-4:15

Closing Remarks/Handing over to the Academy of Science of South Africa, Host for ASADI VI in 2010

Reginald Fraser Amonoo, MA, 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