



PRINCE MAHIDOL AWARD CONFERENCE



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GLOBAL HEALTH INFORMATION FORUM

In 2010 a ‘Call to Action’ on Health Information System (HIS) will be launched to fully support and recognize that HIS strengthening is critical to improving global health. To ensure effective coordination, the Health Metrics Network, the Prince Mahidol Award Conference, with support of the World Health Organization, the World Bank, the Rockefeller Foundation and other partners, will hold the Global Health Information Forum dedicated to bringing stakeholders together and providing a platform for a renewed energy and commitment to investing in and building the capacities of health information systems.

BACKGROUND

Accurate information provides a foundation for sound decision-making. Where public health is concerned, the difference between good decisions and poor decisions can mean the difference between life and death. The lack of reliable information on the causes of sickness and death is a major obstacle for any attempt to improve the health of people in developing countries. Health information is essential to track the health needs of populations, to guide the design and implementation of health programmes, and to assess what works and what does not.

To set up and maintain a successful health-information system is a considerable task, requiring a network of partners, working towards a common goal. Several partners including the Health Metrics Network, the World Health Organization, the World Bank, the Rockefeller Foundation and the Prince Mahidol Award Conference will hold the first Global Conference on Health Information Systems. This conference is in line with the commitment by the G8 meeting in July 2008 on Health Systems Strengthening which focuses on *Health Information Systems*, Human Resources for Health and Health Care Financing. This commitment had produced a strong impetus to the movement to further strengthen HIS.

GLOBAL HIS FORUM OBJECTIVES

Four core objectives are proposed:

- 1. Firmly position HIS as a strategic driver of health systems strengthening and performance management of broader development outcomes.**

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- Highlight the benefits of strong HIS and their potential role in transforming the effectiveness of health systems and the performance of multisectoral development outcomes.
- Raise awareness of past neglect of this area of health and the consequences, especially in developing countries (e.g. Reporting burden on countries, national variances in attitudes towards HIS, lack of technical consistency, lack of ways to share best practices, impact on allocation of results-based global health funds).
- Highlight the importance of HIS to manage performance, monitor and evaluate progress towards the MDGs (reference to MDG reporting in 2010), and monitor the effectiveness of donor health funding.

2. Broaden and unite the constituency of potential allies behind a shared vision and action plan for HIS strengthening.

- Broaden the diversity and interaction of groups engaged in HIS: health, finance, information technology, civil society, and others.
- Raise visibility of the cause and the breadth of engagement to a higher level.
- Inspire broad social movement necessary to achieve progress in HIS.
- Identify ways for different partners to work together and contribute their unique strengths towards a common goal.
- Promote key HMN values: partnership, country leadership, transparency, coherence, sustainability, empowering.

3. Showcase HIS progress and capacity-building in developing countries.

- Outline critical elements for success: political leadership and champions; technological leadership and innovation; expert consensus around the approach; management that effectively uses the information; sufficient financial resources.
- Highlight the HMN Framework and strategy, and the catalytic role of HMN in improving HIS.
- Highlight key investments and results to date.
- Highlight the major challenges, gaps and common ground for future progress.
- Announce awards for major HIS successes and champions.

4. Secure high-level commitment to drive future action.

- Highlight relevant commitments and endorsements to date (e.g. WHA endorsement of the HMN Framework in 2007).
- Create a shared understanding of the potential of HIS.
- Public declaration of support for HIS through a 'Call to Action'.

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OUTCOMES

- Ensure HIS has prominent place on health and development agendas.
- Capacity of the HMN Network goes to scale.
- Recognition for HMN's enabling role, and progress to date in individual countries.
- Broad understanding among stakeholders of the potential of HIS to improve the effectiveness of public health expenditure and actions.
- High-level 'Call to Action' of commitment to HIS and proposed path forward.
- Outcome document reporting accomplishments of the Forum, follow-up actions, and a Marketplace publication of emerging good practice in HIS.

PARTICIPANTS

- Approximately 400-500 participants who are high-level stakeholders representing the existing and potential HIS landscape, including both demand and supply sides of HIS from developing countries and developed countries from every region will be invited.
- Potential participants are ministers, senior government officials, intergovernmental organizations, international development partners, Global Health Initiatives, health policy and health systems researchers and advocates, statisticians, information technology experts and civil society organisations.

VENUE Centara Grand at CentralWorld, Bangkok, Thailand

DATES 26 – 30 January 2010

SIDE MEETINGS

Tuesday 26 January 2010	
08.30 – 13.00	Building capacity for civil registration and vital statistics: strategies and tools by HMN, WHO, University of Queensland
08.30 – 13.00	HSS Joint Funding and Programming Platform Consultation by GAVI, World Bank and GFATM
09.00 – 12.00	Universal Coverage – What else do we need apart from obtaining and analyzing information? by WHO
09.00 – 17.00	Enterprise architecture for integrated HIS (Technical Briefing) by Jembi Health Systems
10.30 – 12.00	The Vital Role of Government Ownership and Management of Health Data and Information Systems as a National Asset by USAID
13.00 – 15.30	Making Results Based Management Work: The Institutional Imperative by USAID
13.00 – 17.30	Increasing the policy relevance of health expenditure information by WHO
13.30 – 17.30	The Routine Health Information Network (RHINO): New Approaches for Strengthening Routine Health Information Systems (RHIS) by RHINO
Friday 29 January 2010	
07.30 – 09.00	Side Meeting of the Hyderabad Meeting by Results for Development

PROGRAM

Wednesday 27 January 2010	
Field Trips Sites:	
1. Saraburi Regional Hospital – <i>HIS in rural health infrastructures</i>	
2. Bumrungrad International Hospital/Bangkok Hospital – <i>IT for hospital management and medical tourism</i>	
3. Ang Thong Provincial Health Office – <i>HIS for provincial health management</i>	
4. Ratchaburi Provincial Health Office – <i>HIS for provincial health management</i>	
5. National Health Security Office/SSO – <i>HIS for Universal Health Coverage</i>	
6. Bureau of Registration Administration and Bureau of Health Policy and Strategy	
7. Siriraj Hospital – <i>IT in medical school and Thai Traditional Medicine</i>	
Thursday 28 January 2010	
9.00 – 9.10	
Opening Ceremony	
• Her Royal Highness Princess Maha Chakri Sirindhorn	
9.10 – 9.50	
Keynote Speeches (30 min)	
• Anne Mills , Prince Mahidol Award Laureate 2009, Head of Department of Public Health and Policy, London School of Hygiene and Tropical Medicine, University of London	
• Keizo Takemi , Head of the Health Working Group for the 2008 G8 Summit (TBC)	
VDO presentation (10 min)	
9.50 – 11.00	
Coffee Break	
11.00 – 12.30	
Plenary Session 1	
Health Information Systems: the case, their value, the current and future challenges	
Moderator: Richard Horton , Editor-in-Chief, The Lancet	
Panelists:	

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<ol style="list-style-type: none">1. Sally Stansfield, Executive Secretary, Health Metrics Network2. Ariel Pablos-Mendez, Managing Director, Rockefeller Foundation3. Jeanette Vega, Viceminister Health, Chile4. Julian Schweitzer, Acting Vice President, The World Bank
12.30 – 14.00
Lunch
14.00 – 16.30 (Coffee Break included)
<p>Parallel Session 1.1 Renewing policy and legislation for health information</p> <p>Moderator: Sally Stansfield, Executive Secretary, HMN</p> <p>Speakers:</p> <ol style="list-style-type: none">1. Health IT in developing countries: legal, ethical and governance priorities<ul style="list-style-type: none">• Roger Magnusson, Professor of Health Law and Governance, University of Sydney, Faculty of Law2. Technological innovations and policy challenges<ul style="list-style-type: none">• Eric Rasmussen, CEO, InSTEDD3. Implementing, national - one patient one record integrated comprehensive system in Belize<ul style="list-style-type: none">• (TBD)4. Democratization of information within the health reform framework – Paraguay's national health information system – SINAS<ul style="list-style-type: none">• Maria Graciela Gamarra de Caceres, General Director of Strategic Information of Health, Ministry of Health, Paraguay5. Patricia Mechael, mHealth and Telemedicine Advisor, Millennium Villages, Project Earth Institute, Columbia University
<p>Parallel Session 1.2 Tracking and communicating public health emergencies from the front lines</p> <p>Moderator: Mark Smolinski, Director, SE Asia, Global Health, Google.org</p> <p>Speakers:</p> <ol style="list-style-type: none">1. Improving on the past<ul style="list-style-type: none">• Ieng Vanra, IT Consultant, WHO/CDCMOH, Cambodia• Channe Suy, Product Manager, InSTEDD (iLAB), Cambodia2. Realities of the present<ul style="list-style-type: none">• Prapas Weerapol, Mukdahan MBDS Associate Province Coordinator, Mukdahan Health Office, Thailand• David Aylward, Executive Director, mHealth Alliance

3. Visions of the future
 - **Ta-Chien Chan**, National Taiwan University
 - **Matthew Mohebbi**, Software Engineer, Google (TBC)
 - **John S. Brownstein**, HealthMAP co-creator, Assistant Professor, Children's Hospital Boston, Harvard Medical School, Harvard-MIT Division of Health Sciences and Technology

Parallel Session 1.3

Informing the response to chronic diseases

Moderator: Rafael Lozano, Professor, Global Health, Institute for Health Metrics and Evaluation

Speakers:

1. Developing comprehensive surveillance for chronic illness. Challenges and opportunities for comprehensive surveillance for chronic illness: registration, registers, records and risk surveys
 - **(TBD)**
2. Illuminating the burden of morbidity and disability. What data collection platforms are available and what are the country experiences?
 - **Wichai Aekplakorn**, Associate Professor, Ramathibodi Hospital, Mahidol University
3. Opportunities to understand bio-socio-environmental risks to illness across the life course: the promise and perils of bio-banks
 - **Rajesh Kumar**, Professor, PGIMER School of Public Health, India
4. Managing chronic disease: linking better data with better patient care. The role of electronic systems, such as electronic medical records (EMR), in managing large amounts of data more efficiently and the potential benefits in terms of more timely and accurate data for policy-makers and better patient information for health care workers, better clinical management. (Managing HIV/AIDS: Rwanda)
 - **Christopher Bailey**, WHO

Parallel Session 1.4

Generating global evidence: births, deaths and causes of death

Moderator: Armin Fidler, Lead Advisor Health Policy and Strategy, The World Bank

Speakers:

1. Improving vital statistics: possibility or pipe dream?
 - **Alan Lopez**, Head, School of Population Health, University of Queensland, Australia
2. Building civil registration systems
 - **Ashraf Mashkoo**, Ministry of Public Health, Afghanistan
3. Improving coverage and completeness of vital statistics
 - **Joyce W. Mugo**, Director, Civil Registration Department, Kenya

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4. Tackling quality issues in vital statistics
 - **Sam Notzon**, Special Assistant for Global Statistics, National Center for Health Statistics, USA
5. Where civil registration systems are weak: demographic surveillance and verbal autopsy
 - **Peter Kim Streatfield**, Matlab Bangladesh
6. Quality and sustainability in sample registration systems
 - **Prasanta Mahapatra**, Hon. President, Institute of Health Systems, India

Parallel Session 1.5

Choosing and using standards for interoperable information systems

Moderator: Moderator: **William Hammond**, Director, DCHI/DTMI

Speakers:

1. Introduction
 - **William Hammond**, Director, DCHI/DTMI
2. Examples of the Use of Standards in Country Systems
 - **Beatriz de Faria Leao**, Health Standards Architect, Zilics Health Information Systems, Brazil
 - **Andrew Grant**, Director, Collaborative Research for Effective Diagnostics, Sherbrooke University, Canada (TBC)
3. Discussion of applicable standards and convergence
 - **Jennifer Zelmer**, CEO, International Health Terminology Standards Development Organization (IHTSDO)
 - **Audrey Dickerson**, Manager, Standards Initiatives, ISO/TC215 Health Informatics (TBC)
 - **Patrick Whitaker**, Technical Officer, WHO

18.00 – 20.30

Welcome Dinner hosted by Royal Thai Government

Special presentation by Hans Rosling, Director, Gapminder Foundation

Friday 29 January 2010

09.00 – 10.00

Plenary Session 2

- **Review and main messages from the parallel sessions 1.1-1.5 (5 minutes)**
- **Stepping up to the plate: who does what to improve health information for monitoring health-related goals?**

Moderator: **Tim Evans**, ADG for Information, Evidence and Research, WHO

Panelists:

1. **Frank Nyongator**, Director, Policy, Planning Monitoring and Evaluation Division,

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Ghana Health Service 2. Ties Boerma , Director, WHO 3. TBD
10.00 – 10.30
Coffee Break
10.30 – 12.30
Parallel Session 2.1 Tracking country health systems performance Moderator: Daniel Low-Beer , Unit Director, The Global Fund to Fight AIDS, TB and Malaria Speakers: 1. China: assessing progress in health sector reforms <ul style="list-style-type: none">• (TBD)
2. Pakistan: health systems performance assessment <ul style="list-style-type: none">• Sania Nishtar, President & CEO, Heartfile Organization
3. South Africa: monitoring health system performance at subnational level <ul style="list-style-type: none">• Candy Day, Technical Specialist, Health Systems Trust
4. Zambia: strengthening the analysis for annual health sector reviews through district assessments <ul style="list-style-type: none">• Christopher Simoonga, Deputy Director for Monitoring and Evaluation, Ministry of Health, Zambia
5. Thailand: institutionalization of monitoring of health and health systems performance <ul style="list-style-type: none">• Phusit Prakongsai, Senior Researcher/Medical Doctor, International Health Policy Program (IHPP), Ministry of Public Health, Thailand
Parallel Session 2.2 Financial and human resources for HIS Moderator: Keizo Takemi , Research Fellow; Professor, Japan Center for International Exchange; Tokai University Speakers: 1. Human resources capacity for HIS <ul style="list-style-type: none">• William Hersh, Chair, Department of Medical Informatics and Clinical Epidemiology, Oregon Health & Science University• Maurice Mars, Professor and Head of Department of Telehealth, University of Kwazulu Natal, South Africa• Alvin Marcelo, Director, National Telehealth Center, University of Philippines Manila (TBC)
2. HIS financing

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- **Brad Herbert**, President and CEO, Herbert and Associates (TBC)
- **Magnus Gborie**, Director, Ministry of Health and Sanitation, Sierra Leone
- **Charu Garg**, Health Economist, WHO (TBC)

Parallel Session 2.3

Universal access to health and health services: Essential information to track progress and support management. From measuring inputs to measuring impact?

Moderator: Adam Wagstaff, Research Manager, The World Bank

Speakers:

1. Universal Access and Equity: Framing the Monitoring and Policy Feedback
 - **Adam Wagstaff**, Research Manager, The World Bank
2. Catastrophic impact of out-of-pocket payments for health care in Asia - evidence through the 1990s and 2000s
 - **J. Rachel Lu**, Professor and Associate Dean, Chang Gung University, Taiwan
3. Data for and from Purchasing Health Care: Better Health Care, Better Value and Improved Equity
 - **Hannes Danilov**, Chairman of Management Board, Estonian Health Insurance Fund
4. Monitoring effectiveness of universal coverage in Thailand – overlaying distribution of essential health resources, utilization and socio-economic indicators in GIS
 - **Supon Limwattananon**, Associate Professor, Khon Kaen University
5. Mexico's Health System – challenges and proposed solutions for managing information on road to universal coverage
 - **Giota Panopoulou**, Advisor to the Financing Director, Institute of Social Security, Mexico

Parallel Session 2.4

Public stewardship of private providers: the role of health information systems

Co-Chairs: Frank Rijsberman, Director Program, Google

David de Ferranti, President, Results for Development

Panelists:

1. **Fola Laoye**, Chief Executive Officer, Hygeia-Nigeria
2. **Richard Coker**, Professor of Public Health, London School of Hygiene & Tropical Medicine
3. **Phal Des**, Director, IT Center, Royal University of Phnom Penh
4. **Krishnamurthy (Gopi) Gopalakrishnan**, President, World Health Partners

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12.30 – 13.30
Lunch
13.30 – 14.30
Plenary Session 3 <ul style="list-style-type: none">• Review and main messages from parallel sessions 2.1 -2.5• Enhancing global health security: information systems as the foundation of effective pandemic preparedness and response <p>Moderator: Suwit Wibulpolprasert, Senior Advisor on Disease Control, Ministry of Health, Thailand (TBC)</p> <p>Panelists:</p> <ol style="list-style-type: none">1. Guenel Rodier, IHR Secretariat, WHO Lyon2. Paul Gully, Senior Medical Advisor, Health Canada (TBC)3. Bounlay Phommasack, Deputy Director, Ministry of Health, Lao PDR4. Richard Cash, Senior Lecturer on International Health, Harvard School of Public Health and former Prince Mahidol Awardee
14.30 – 15.00
Coffee Break
15.00 – 17.00
Parallel Session 3.1 Improving transparency through collaboration across sectors <p>Moderator: Mohamed-EI-Heyba BERROU, Manager of the PARIS21 Secretariat, OECD</p> <p>Panelists:</p> <ol style="list-style-type: none">1. EI Hassen OULD ZEIN, Advisor to the Prime Minister, Mauritania (TBC)2. Pali LEHOHLA, Statistician General, Statistics South Africa (TBC)3. Yasap NAGARI-POPOITAI, Advisor, PSRMU, Department of Prime Minister & National Executive Council, Papua New Guinea4. Antoine SIMONPIETRI, Senior Statistician, The World Bank5. Agnes SOUCAT, Senior Health Economist, The World Bank (TBC)
Parallel Session 3.2 Exploring the frontiers of health information in a petabyte age <p>Moderator: Renata Bushko, Director, Future of Health Technology Institute</p> <p>Speakers:</p> <ol style="list-style-type: none">1. Petabyte-age in Health - 2020<ul style="list-style-type: none">• Gabe Rijmpa, Director of Health and Human Services Industry, Microsoft

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Corporation

2. 2020 narios of Frontiers of Health Information Technology
 - **James DelloStrito**, Principal Researcher, R&D, Blue Highway LLC
 - **M. Chris Gibbons**, Associate Director, Johns Hopkins Urban Health Institute
3. Democratization of Medicine and More Equity in the Petabyte-age
 - **Julia Royall**, Chief, International Programs, U.S. National Library of Medicine
4. Social Ramifications
 - **Mridul Chowdhury**, CEO, Click Diagnostics Inc.

Parallel Session 3.3

Measuring the un-measurable: death, disease, health and happiness

Moderator: TBD

Speakers:

1. Measuring Health: Disease perspective
 - **Tim Evans**, ADG for Information, Evidence and Research, WHO (TBC)
2. Measurement of health: Well-being perspective
 - **Ronald Colman**, President Genuine Progress Index for Atlantic Canada (GPIAtlantic)
3. Country Perspective: Bhutan and Thailand
 - **Dasho Dorji Penjore**, Deputy Director, Centre for Bhutan Studies, Bhutan
 - **Apirak Kosayothin**, Former Bangkok Governor, Thailand (TBC)

Parallel Session 3.4

Harmonizing multiple health information systems through effective system analysis and design

Moderator: David Ross, Executive Director, Public Health Informatics Institute

Speakers:

1. Introduction
 - **David Ross**, Executive Director, Public Health Informatics Institute
2. Presentations of developing country eHealth and public health information systems infrastructure focusing on the need
 - **Richard Gakuba**, National e-Health Coordinator, Ministry of Health, Rwanda
3. Examples of developed country implementations focusing on design and architectural elements
 - **Michael Bainbridge**, Principal Consultant, ASE Ltd
 - **Ron Parker**, Group Director, EHRS Architecture, Canada Health InfoWay (TBC)
 - **Ngai-Tseung Cheung**, Chief Medical Informatics Officer, Hong Kong

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Hospital Authority
4. Methods for improving design <ul style="list-style-type: none">• Systematic and rational design: David Lubinski, Program Director, PATH• Current initiatives in developing countries - Feedback from Technical Briefing: Christopher Seebregts, Senior Manager, eHealth Research and Innovation, Medical Research Council, South Africa
Parallel Session 3.5 Managing complex data in health crises: challenges for national health information systems
Moderator: Mike St. Louis , Associate Director for Science, Centers for Disease Control and Prevention, USA
Speakers: <ol style="list-style-type: none">1. Health Information in Heart of the Storm: Novel H1N1 in Mexico, 2009<ul style="list-style-type: none">• Mauricio Hernandez, Deputy Minister of Health, Mexico2. Situation Awareness – what can Health Learn from Other Sectors<ul style="list-style-type: none">• Mica Endsley, President, SA Technologies3. Civil crises and health information<ul style="list-style-type: none">• Augusto Pinto, Medical Epidemiologist, WHO, Thailand4. Health Impacts of Economic Crises: Real-Time Monitoring and Communication<ul style="list-style-type: none">• TBD5. Strategic Information Flow for Health Emergencies and Response, Ethiopia<ul style="list-style-type: none">• Tsehaynesh Messele, Director General of EHNRI, Federal Ministry of Health, Ethiopia
17.00 – 19.00
Call to Action Finalization Session
Saturday 30 January 2010
9.00 – 10.30
Conference Synthesis Session Summary, Conclusion and Policy Recommendations <ul style="list-style-type: none">• Leading Rapporteur Team<ul style="list-style-type: none">○ Toomas Palu, Senior Health Specialist, The World Bank○ Viroj Tangchareonsathien, Director, International Health Policy Programme, Ministry of Public Health, Thailand
10.30 – 11.00
Coffee Break

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11.00 – 12.00
Call to Action Closing Session
12.00 – 13.00
Lunch
13.30 – 16.30
International Organizing Committee Meeting