2008 Program

September 18 - 19, 2008
Seattle, Washington, USA

Annual Conference
Global Partners in Public Health Informatics

PHI2008

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The Rockefeller Foundation
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PHI2008

Envisioning Options for Integrated Public Health Information Systems for Low Resource Settings: Components, Connections, Partners, Strategies

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PHI2008 - Envisioning Options for Integrated Public Health Information Systems for Low Resource Settings: Components, Connections, Partners, Strategies

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Conference Agenda

Thursday, September 18, 2008:

7:30 - 8:30 am

Registration Opens
• Continental Breakfast

8:30 - 9:45 am

Welcome and Keynote Address

• Welcome and Global Partners Progress since PHI2007 -
Sherrilynne Fuller, Chair, PHI2008 Steering Committee, Co-Director, Center for Public Health Informatics, University of Washington, USA

• Keynote Address - "Making the eHealth Connection: Global Partnerships, Local Solutions," A Summary of the Rockefeller Bellagio eHealth Conference on Public Health Informatics
Les Lenert, Director, National Center for Public Health Informatics, CDC, USA

• Observations and Outcomes from Bellagio - Video Presentation
Clifford Kamara, Director, Information and Planning, Ministry of Health, Sierra Leone

9:45 - 10:00 am

Break/Poster Session (Cove and Marina Room)

10:00 - 12:00 pm

Plenary Session I: National Approaches from Countries Leading the Development of Integrated PHI Systems (Bay Auditorium)
Moderator:
• David Lubinski, PATH, USA
Speakers:
• Patricia Garcia, Chief, National Health Institute, Peru
• Richard Gakuba, e-Health Coordinator, King Faisal Hospital, MOH, Rwanda
• Ian Smith, Information and Computer Services Manager, Ministry of Health, Belize
• Sally Stansfield, Executive Secretary of Health Metrics Network, WHO

12:00 - 1:00 pm

Lunch (Harbor Dining Room)

1:00 - 3:00 pm

Plenary Session II: Creative Approaches to Collecting and Linking Data and Systems to Improve the Health of the Public (Bay Auditorium)

Moderator:
• Walter Curioso, Research Professor, Universidad Peruana Cayetano Heredia, Lima, Peru
Speakers:
• Ann Marie Kimball, Professor, Epidemiology Health Services, Director APEC EINet, USA
"Regional Surveillance Networks: Can, Should They Be Globally Integrated?"
• Eric Rasmussen, President, CEO, InSTEDD, USA
• Jesus Peinado, Head, Biostatistics Data Management & Health Informatics, Universidad Peruana Cayetano Heredia, Lima, Peru
"Building a Web-Based Platform for a Latin American HIV Repository Database"

3:00 - 3:15 pm

Break/Poster Session (Cove and Marina Room)

3:15 - 4:15 pm

Discussion Panel: Funding Challenges and Successful Strategies for Global Public Health Informatics (Bay Auditorium)

Moderator:
• Rajan Madhok, Medical Director, Manchester Primary Care Trust, Honorary Professor, University of Manchester, Visiting Professor, University of Teeside and Manchester Metropolitan University, England
Panelists:
• Karl Brown, Associate Director, Applied Technology, The Rockefeller Foundation, USA
• Kristin Tolle, Senior Research Program Manager, Biomedical Computing, Microsoft Research, USA
• Flora Katz, Program Officer, Fogarty International Center, National Institutes of Health, USA
• Mark Landry, Senior Informatics Specialist, PEPFAR, Office of the Global AIDS Coordinator, USA
• Joseph Jasinski, Distinguished Engineer, IBM, USA
• Ian Pett, Chief, Health Systems and Strategic Planning, Health Section, Program Division, UNICEF, USA

4:15 - 5:15 pm

Break Out Session (Sound, Cove, and Marina Conference Rooms)

5:15 pm

Adjourn

6:30 pm - 10:00 pm

Dinner at the Space Needle
• **5:30 - 6:30** Access to the Observation Deck at the top of the Space Needle

Friday, September, 19, 2008

7:30 - 8:00 am

Registration Opens
• Continental Breakfast

8:00 - 10:00 am

Plenary Session III: Decision Support for Public Health and Policy Development: Building Capacity and Sustainability (Bay Auditorium)

Moderator:
• Holly Ladd, Vice President & Center Director, AED-SATELLIFE Center for Health Information and Technology, USA

Speakers:
• Robert Martin, Laboratory Science Officer, Coordinating Office for Global Health, CDC, USA
"Connecting Lab Systems to Health Information Systems in Low Resource Settings"
• Iain Buchan, Professor of Public Health Informatics, NIBHI, University of Manchester, England
"Digital Economy: A Global Public Health Frontier"
• Pape Gaye, President, CEO, Intrahealth International, Inc., USA
"Capacity Development in IT"
• Christopher Bailey, Coordinator for Healthcare Informatics, WHO
• Hamish Fraser, Director of Informatics and Telemedicine Partners in Health, Assistant Professor, Harvard University, USA
• Christopher Seebregts, Project Manager, Health Informatics, Medical Research Council, South Africa
"Open MRS: Components and Connections to Integrated Health Information Systems"

10:00 - 10:30 am

Break/Poster Session (Cove and Marina Room)

10:30 - 12:00 pm

Response Panel (Bay Auditorium)

Moderator:
• Patrick O'Carroll, Rear Admiral and Assistant Surgeon General in the US Public Health Service, Regional Health Administrator (RHA)

Panelists:
• Dr. T. Bedirhan Üstün, Coordinator Classifications, Terminologies and Standards, WHO
• Holly Ladd, Vice President & Center Director, AED-SATELLIFE Center for Health Information and Technology, USA
• Ramesh Krishnamurthy, Health Scientist (Informatics), Coordinating Office for Global Health, CDC, USA
• Tadesse Wuhib, Acting Manager, Global Public Health Informatics Program, National Center for Public Health Informatics, CDC, USA
• Beatriz de Faria Leao, Zilics Health Information Systems, Brazil
•Moe KoOo, Regional Coordinator, Mekong Basin Disease Surveillance Regional Coordinating Office, Ministry of Health, Thailand

12:00 - 1:00 pm

Lunch (Harbor Dining Room)

1:00 - 3:00 pm

Work Session (Bay Auditorium)
Reports from small group discussions and identify GPPHI projects, funding sources and potential volunteers.

Moderator:
• David Ross, Director, Public Health Informatics Institute, USA

3:00 - 4:00 pm

Closing Remarks (Bay Auditorium)
• David Ross, Director, Public Health Informatics Institute, USA

4:00 pm

Adjourn

Speaker Biographies

Christopher Bailey
World Health Organization

Christopher Bailey is currently the Coordinator for Health Care Informatics at the World Health Organization. Trained in health librarianship and information science, he has over the last decade focused on access and use of development information in emerging economies with a special emphasis on Africa. During the last four years, Bailey's team has led WHO's efforts at improving interoperability of patient management systems as part of a wider health information system approach. Emphasizing local ownership and application of health knowledge, Bailey and his team have promoted efforts to build on work in country through learning networks to improve patient and facility management in resource poor settings. Among his proudest accomplishments is being one of the 'midwives' of OpenMRS and other grass roots initiatives to foster standards based approaches to health informatics in the developing world.

Karl Brown
The Rockefeller Foundation

Karl Brown is Associate Director of Applied Technology at The Rockefeller Foundation, Brown is focused on the application of information technology to the programmatic work of the Foundation. Brown is the focal point of the eHealth initiative, and has helped lead the development of the strategy for eHealth investments, including planning and development of the "Making the eHealth Connection" Bellagio conference series. Prior to joining the Rockefeller Foundation, Brown worked as the Chief Technical Officer of GNVC, an NGO that fostered entrepreneurship in Ghana. Previously, Brown was a technical team leader with Trilogy, where he developed and deployed enterprise systems and consumer-facing Web sites for Fortune 500 companies such as Ford and Nissan. Brown received a Bachelor of Science in Computer Science from Stanford University and a Master of International Affairs from Columbia's School of International and Public Affairs.

Iain Buchan
University of Manchester

Iain Buchan is Professor of Public Health Informatics and Director of the Northwest Institute for Bio-Health Informatics, at the University of Manchester, and an honorary Consultant in Public Health in the English National Health Service (NHS). He has backgrounds in clinical medicine, public health and computational statistics, and runs a multi-disciplinary team bridging health sciences, computer science, social science, management science and mathematics. His work centres on the research and development of informatics methods for understanding and improving the public's health. Major application areas include obesity and metabolic health. He works closely with the English NHS to develop population-based e-infrastructure to enable both: large-scale, realistically-complex epidemiology; and future e-health interventions.

Walter Curioso
Universidad Peruana Cayetano Heredia, Lima, Peru

Walter Curioso is a research professor at Universidad Peruana Cayetano Heredia in Lima, Peru. He's also an affiliate assistant professor in the Division of Biomedical and Health Informatics in the School of Medicine at the University of Washington in Seattle, Washington. Curioso's research focus is on how to use mobile technologies to promote global health in developing countries. His latest projects involve using cell phones to support HIV antiretroviral adherence, using personal digital assistants to assess sexual risk and antiretroviral medication adherence among HIV patients in Lima, and using cell phones and the Internet to develop a real-time surveillance system for adverse events. He has written more than 60 articles in health informatics and information technology, evidence-based medicine, public health in developing countries, and clinical medicine.

Hamish S.F. Fraser
Harvard Medical School

Hamish Fraser, MBChB, MSc is an Assistant Professor of Medicine at Harvard Medical School and Associate Physician at the Brigham and Women's Hospital. As the Director of Informatics and Telemedicine at Partners In Health, he directs the development of web-based medical record systems and data analysis tools to support the treatment of drug-resistant tuberculosis and HIV in Peru, Haiti, Rwanda, Lesotho, Malawi and the Philippines. Dr. Fraser has also led the development of the HIV-EMR, which is used to support the treatment of HIV patients in rural Haiti. Dr. Fraser is a cofounder with colleagues from the Regenstrief Institute of an international collaboration to develop flexible, open source medical record systems in developing countries, the OpenMRS collaborative. OpenMRS is now also used to support patient treatment in PIH projects in Rwanda, Lesotho and Malawi and Peru, and he also leads the development of pharmacy information management systems, and has a strong interest in the evaluation of medical information systems in developing countries.

Sherrilynne Fuller
University of Washington

Sherrilynne Fuller, Ph.D., is the co-director and researcher in the Center of Excellence in Public Health Informatics, School of Public Health and Community Medicine at the University of Washington, Seattle. She is Professor Biomedical and Health Informatics and the founding head of the Division of Biomedical and Health Informatics, School of Medicine. Fuller was a member of the President's (White House) Information Technology Advisory Committee and is an elected fellow of the American College of Medical Informatics. Dr. Fuller has a BA degree in Biology, a Master's in Library Science from Indiana University and a Ph.D. in Library and Information Science From the University of Southern California. Dr. Fuller's areas of research interests include analysis and representation of text, integrated health information systems design and evaluation of information technology in support of improved health information access and healthcare.

Richard Gakuba
Ministry of Health, Rwanda

Richard Gakuba is the National e-Health Coordinator for the Rwandan Ministry of Health and the Coordinator of Information Systems for King Faisal Hospital. Dr. Gakuba has held various leadership roles in eHealth for over two years and has practiced general medicine at Central University Hospital of Kigali. Dr. Gakuba has a Masters degree in telemedicine and e-Health Systems from Brunel University in London and he studied medicine at the National University of Rwanda.

Patricia Garcia
Peruvian National Institute of Health, Universidad Peruana Cayetano Heredia, Lima, Peru

Patricia J Garcia, MD MPH is currently chief of the Peruvian National Institute of Health and Professor of the School of Public Health (FASPA). at Cayetano Heredia University (UPCH). Doctor Garcia graduated from medical school in Peru (1988), trained in Internal Medicine, Infectious diseases and Public Health at the University of Washington. She has worked at the National STD/AIDS Program in Peru (1997-1999); Director of the Epidemiology, STD and HIV at UPCH (1999-2006); Vice Dean of Research at UPCH(1999- 2005). She is member of the Senior Technical advisor Group of the Reproductive Health Department at the World Health Organization, Geneve; chair of the WHO HPV Expert Advisory Group, secretary of research of the Latin American Association for the control of STIs (ALAC) and member of several International Scientific societies. She is also the principal investigator of a Welcome Trust funded Community STIs Prevention Trial in Peru which included the use of PDAs for population-based surveys, PI of a Global Health Framework grant (NIH) and Co- investigator of the Informatics Grant AMAUTA in Peru. She is actively involved in research on STIs and HIV, Global Health and Informatics. As a Chief of the National Institute of Health, Dr. Garcia has implemented a web based laboratory information system (NETLAB) which is first example of e-health in Perú and has been given recognition as a best practice.

Pape Gaye
Intrahealth International, Inc.

Pape Gaye, MBA is the President and CEO of Intrahealth International, Inc. A native of Senegal, he draws on three decades of leadership in international health with extensive field experience in Francophone and Anglophone Africa. Prior to his appointment as IntraHealth's CEO, Gaye led the organization's regional office for West, Central and North Africa with his expertise in reproductive health, family planning, and HIV/AIDS program development, management and oversight, forging strong collaborative relationships with key stakeholders and international health leaders. A master stand-up trainer, he has worked with the US Peace Corps, the 1984 Los Angeles Olympic Committee and the Centers for Disease Control where he was responsible for field testing the mid-level management course in malaria prevention and diarrheal disease control. Technically adept and dedicated to improving health care for the poorest people around the globe, he recognizes that partnership is essential to meet the enormous challenges posed by viral epidemics such as HIV/AIDS and ongoing efforts to reduce maternal mortality and improve reproductive health care. Skilled in building cooperative relationships among diverse groups, organizations and governments, Gaye is able to creatively channel human and material resources to produce the most vibrant results.

Joseph M. Jasinski
IBM

Joseph M. Jasinski, PhD is an IBM Distinguished Engineer and the Program Director for Healthcare and Life Sciences Research at the IBM Thomas J. Watson Research Center in Hawthorne NY. In this role he is responsible for all healthcare and life sciences research efforts across IBM's Research Division, including the use of information technology in payer/provider healthcare and public health. Dr. Jasinski graduated from Dartmouth College in 1976 with an A.B. received a Ph.D. in chemistry from Stanford University in 1980. Following post-doctoral work at the University of California, Berkeley, he joined the IBM Thomas J. Watson Research Center as a Research Staff Member in 1982. He is a Fellow of the American Physical Society and the American Association for the Advancement of Science.

Clifford Kamara
Ministry of Health, Sierra Leone

Clifford Kamara is the Director of Planning and Information for the Ministry of Health & Sanitation with Government of Sierra Leone where he is also responsible for facilitating the National Health Planning process, with the elaboration of a Three Year Rolling Plan and its annual revision and update. Dr. Kamara is a member of the WHO, UNICEF, and World Bank, among others and was part of the team responsible for the inception of this unit and as such, his responsibilities include the development of a National Health Information Unit, monitoring and evaluation of offices in all districts. Dr. Kamara has also served as a practicing Government Medical Officer and District Medical Officer in addition to holding positions as the Head of Planning and Information and lecturer. Dr. Kamara obtained his M.D .from the Kharkov Medical Institute in Kharkov, USSR in 1972.

Flora N. Katz
Fogarty International Center

Flora Katz, PhD is a Program Officer at the Fogarty International Center (FIC) of the N.I.H. She manages international programs in Global Health Informatics, Genetics, and Biodiversity and Drug Discovery, and directs the Framework Programs for Global Health, which supports the development of multidisciplinary trans-university global health educational programs. Dr. Katz received her Ph.D. from M.I.T. in Cell and Molecular Biology and trained in Neurobiology at Columbia University and UCSF. As a faculty member at University of Texas Southwestern Medical Center at Dallas and Texas A&M University, she directed a research laboratory in developmental genetics. She has also conducted research on wildlife conservation and biology in Malawi, Zambia, Israel, and Indonesia. She joined FIC in 2001, initially as a Science Policy Fellow of the American Association for the Advancement of Science. She maintains a broad interest in biological issues, from cellular mechanisms to international cooperation in Conservation and Global Health.

Ann Marie Kimball
APEC EINet

Ann Marie Kimball, MD, MPH, FACPM is Professor of Epidemiology and Health Services at the University of Washington School of Public Health and Community Medicine and Director of the APEC Asia Pacific Emerging Infections Network. She is an adjunct professor in Medicine with the School of Medicine and she is an attending Physician on staff at Harborview Medical Center. Her research interests are in Emerging Infections and global epidemic, prevention, surveillance, investigation and control of infectious diseases. In 2000 she was named as a New Century Scholar for Fulbright, and in 2004 she received a Guggenheim Foundation scholar award for her work. She has recently published her book "Risky Trade Infectious Disease in the Era of Global Trade" She has worked extensively in the areas of Trade policy and disease control, and telecommunications and disease surveillance and alert systems. Formerly Dr. Kimball served as Regional Advisor, head of national program support for HIV/AIDS with the Pan American Health Organization (WHO). She has also served as Director of the Washington State HIV/AIDS/STD Program with the state Department of Health, and as Chair of the National Alliance of State and Territorial AIDS Directors in the United States.

Ramesh S. Krishnamurthy
Centers for Disease Control and Prevention

Ramesh Krishnamurthy, PhD, MPH, MS, MA is a Health Scientist (Informatics) at CDC and serves as a senior informatics officer at the CDC's Coordinating Office for Global Health. He assists CDC in the coordination of information systems approaches across diverse global health areas and support international partnerships with key global organizations. His specific area of focus is to assist governments in strengthening their public health information systems. He has worked on numerous CDC informatics mission in Africa, Asia, and Latin America.

Holly D. Ladd
AED-SATELLIFE Center for Health Information Technology

Holly D. Ladd, JD is Vice President and Director of the AED-SATELLIFE Center for Health Information Technology, which is dedicated to providing critical medical and public health information to health workers in low-resource environments. As Executive Director of SATELLIFE since 1998, she spearheaded innovative efforts to leverage Information and Communication Technology to support health programs in the developing world, including the use of low-cost mobile computers linked to wireless telecommunications systems to create health information networks for data collection and information dissemination, which reach even the most isolated rural communities. She has extensive experience working in Africa. Formerly a practicing attorney, she was general counsel for the Boston Fair Housing Commission, director of the Boston AIDS Consortium, consultant for the Harvard Center for Health and Human Rights, and in-house counsel for the North American Family Institute.

Mark S. Landry
President's Emergency Plan for AIDS Relief

Mark Landry, MS, BS serves as the senior informatics specialist with PEPFAR's Office of the Global AIDS Coordinator. One of his chief responsibilities is coordinating U.S. government efforts to strengthen health information systems (HIS) strategies, capacity, infrastructure, and policies with host country governments and with implementing partners where PEPFAR is working to achieve and monitor HIV/AIDS prevention, care, and treatment goals. He also works within PEPFAR to develop and promote ICT-related public-private partnerships.

Beatriz de Faria Leao
Zilics Health Information Systems

Beatriz de Faria Leão, MD, PhD has been in health informatics since 1980 and is a founder of the Brazilian Health Informatics Association. Dr. de Faria Leão's main areas of expertise are standards and electronic health records. She was an Adjunct Professor of Computer Science at the Federal University of Rio Grande Sul and Federal University of São Paulo. From 2000 to 2004, she worked as a Consultant to the Brazilian Department of Health in the National Health Card Project. She has worked as an independent consultant to the São Paulo City Health Department, the Brazilian Agency for Supplementary Health, and Zilics Health Information Systems. Recently, she has worked for WHO in Mozambique as a Consultant in health information systems, standards, and national policies. Dr. de Faria Leão coordinates the Models and Concepts Representation Workgroup of the Brazilian Health Informatics Standards Committee.

Leslie A. Lenert
National Center for Public Health Informatics at the Centers for Disease Control and Prevention

Leslie Lenert, MD, MS is Director of the National Center for Public Health Informatics (NCPHI) at the Centers for Disease Control and Prevention (CDC). NCPHI's mission is to protect the public's health and to transform public health practice advancement of the science of public health informatics. A graduate of the University of CA Riverside and University of CA Los Angeles School of Medicine, Dr. Lenert has completed training in Internal Medicine at the University of Texas Southwestern School of Medicine and fellowships in Clinical Pharmacology and in Medical Informatics at Stanford University. Prior to coming to the CDC, Dr. Lenert was Professor of Medicine at University of CA San Diego and Associate Director of the CA Institute for Telecommunications & Information Technology, where his research interests included disaster health informatics, use of the Internet to promote health behavior change, and the role of patient values in clinical and policy decision making.

David Lubinski
PATH

David Lubinski, MBA, MA has now joined the team at PATH as a senior technical advisor. David was chief technology officer to the Health Metrics Network (HMN), a Geneva Switzerland-based partnership with the World Health Organization; David Lubinski leads the development of the technical framework for strengthening country health information systems. The goal of HMN is to increase the availability, quality, value and use of timely and accurate health information by catalyzing the joint funding and development of country health information systems. David brings more than 30 years of experience in commercial, government and non-governmental organizations focused on health information systems. Previously he was with Microsoft where he held several senior positions involved in the company's global healthcare strategy, product development and technical services. David holds an M.B.A. and M.A. in public policy analysis and completed postgraduate international management training at INSEAD in Fontainebleau, France.

Rajan Madhok
University of Manchester

Rajan Madhok, MB, BS, MSc, FRCS, FFPH, is working in the British NHS as the Medical Director of the Manchester Primary Care Trust, Manchester, England. Rajan Madhok worked as the Clinical Director for Computer Sciences Corporation in the UK until August 2008 to help deliver the national IT program. He is also an orthopaedic surgeon turned public health doctor by background. He holds professorial appointments with Universities of Manchester, Manchester Metropolitan and Teesside. He is an active researcher, a founding editor (more recently, Joint Coordinating Editor) of the Cochrane Bone, Joint and Muscle Trauma Group and involved in various editorial and research activities, and a founding member of PHI Steering Group and working to set up the India Conference in Nov 2008 in Delhi. He is the Chair of 'Peoples University' management group –www.peoples-uni.org- the organisation aims to boost public health capacity in low to middle income countries. Rajan is pleased with how PHI has developed and hopes to build on this strong platform to help deliver tangible public health benefits globally.

Robert Martin
Coordinating Office for Global Health, Centers for Disease Control and Prevention

Robert Martin, DrPH, MPH, is the Laboratory Science Officer in the Coordinating Office for Global Health. Bob has worked in public health since 1973 when he joined the Michigan Department of Public Health as a microbiologist and was the director of the Michigan Public Health Laboratories from 1991 until 1999. From 1999 until 2006, Robert was the director of the Division of Laboratory Systems at CDC where the focus of their work had both a domestic and international focus. In 2006 – 2007 Robert fulfilled a roll as, first, Acting Director of the National Center for Public Health Informatics and then as the Associate Director for Public Health and Medical Care Integration in CCHIS. He has worked in Africa (Ethiopia), Southeast Asia and Central Asia to address strengthening of laboratory systems.

Patrick O'Carroll
United States Public Health Service, US Department of Health and Human Services
Patrick O'Carroll, MD, MPH, BA, has special expertise in public health informatics. Dr. O'Carroll is currently the Regional Health Administrator (RHA) for U.S. Public Health Service Region X (AL, ID, OR and WA).

Moe KoOo
MBDS Regional Coordinating Office, Deptartment of Disease Control, Ministry of Public Health, Thailand
Moe KoOo, MB, BS, MPH, has more than 15 years of experience in family health care, Public Health and Infectious diseases,communicable diseases and as a General Practitioner in South East Asia countries, working with institutions such as the World Health Organizations, and Ministry of Public Health in Thailand. Dr. Oo's previous work responsibilities include providing leadership, direction and technical guidance to project staff, set priorities and plan successful implementation of programs, monitor and evaluate program activities, and document and disseminate reports on the effectiveness of project strategies and intervention. Dr.Oo has also worked as Medical officer, communicable disease surveillance and response unit at SEARO, WHO , New Delhi. Currently, Dr. Oo is Regional Coordinator, at Mekong Basin Disease Surveillance Regional Coordinating office in Thailand. Among his assigned duties is identifying, organizing, appraising and summarizing background information to analyze public health problems and making realistic proposals to address the issues including drafting resource mobilization proposals, drafting policy papers and strategic plans, participating in public health response working with a variety of partners inside MBDS countries.

Jesus Peinado
Universidad Peruana Cayetano Heredia, Lima, Peru
Jesus Peinado, MD, MS, is a Medical Doctor from the Peruvian University Cayetano Heredia, with a Diploma in Biostatistics for Research in Health and a Master of Science in Management of Social Programs and Projects from the same university; and a Master Degree in Biomedical and Health Informatics at the UW in 2003. Since he returned to Peru, Dr Peinado has been working as Head of Data Management and Health informatics Resource Unit for the Peruvian CTU. Dr. Peinado has designed and developed novel web based solutions to deal with clinic work, to enhance follow up, electronic data capture, and database management.

Ian Pett
UNICEF
Ian Pett, BS, MS, joined UNICEF Headquarters as Chief of Health Systems and Strategic Planning in July 2008, moving from Nepal where he was Regional Adviser for Child Survival and Development in South Asia. He has worked for UN agencies, bilateral donors and non-governmental organizations in the design, planning, management, monitoring and review of health sector policy development, reform, service delivery and communicable disease control programmes in Africa, the Middle East and South Asia. His first involvement in eHealth was managing a project that developed a computerized information system for the Sudan Expanded Programme on Immunization in the mid-1980s, which allegedly had the first local area network south of the Sahara.

Eric Rasmussen
InSTEDD
Dr. Eric Rasmussen is President and CEO of InSTEDD (Innovative Support to Emergencies, Diseases and Disasters), an international nonprofit organization founded by Google.org dedicated to delivering innovative technological support to those who help the world stay safe. Prior to InSTEDD, Dr. Rasmussen was both Chairman of the Department of Medicine within Naval Hospital Bremerton near Seattle, Washington, and an advisor in humanitarian informatics for the U.S. Office of the Secretary of Defense. He holds academic positions at several institutions and has been a Principal Investigator for both the Defense Advanced Research Projects Agency (DARPA) and for the National Science Foundation. He is a reviewer for the Journal of the American Medical Association (JAMA) and the American Journal of Public Health and sits on several advisory boards, including the Crisis Management Resources Board for the National Academy of Sciences. He has a number of publications and has been awarded several personal, unit, and theater military decorations, including a Presidential Legion of Merit.

David A. Ross
Public Health Informatics Institute

David Ross, BSAE, ScD, is Director of the Public Health Informatics Institute. He became the Director of All Kids Count, a program of the Institute supported by The Robert Wood Johnson Foundation (RWJF), in 2000, and subsequently began the Institute, also with funding from RWJF. His experience spans the private healthcare and public health sectors. Before joining the Task Force, Dr. Ross was an executive with a private health information systems firm, a Public Health Service officer with the Centers for Disease Control and Prevention (CDC), and an executive in a private health system. Dr. Ross holds a doctoral degree in Operations Research from The Johns Hopkins University (1980) where he was involved in health services research. Dr. Ross was founding director of the Information Network for Public Health Officials (INPHO), CDC's national initiative to improve the information infrastructure of public health. His research and programmatic interests are the strategic application of information technologies to improve public health practice.

Chris Seebregts
University of KwaZulu-Natal, South Africa

Chris Seebregts, PhD, has postgraduate degrees in medical biochemistry, genetics, computer science and information systems (software engineering) and a Ph.D. in Chemical Pathology. He has worked both in the public and private sectors in biomedical and informatics research, information technology management and information systems development. For the past eleven years Dr. Seebregts has held management positions at the South African Medical Research Council. He is currently Head of the Biomedical Informatics Research Division and a Technology Manager in the e-Health Research and Innovation Platform. He is also Program Director of the Postgraduate Program in Biomedical Informatics at the University of KwaZulu-Natal and a lecturer in biomedical informatics on the Masters in Public Health program at the University of South Africa. Dr. Seebregts has been involved in many aspects of health information systems development and is also the Principal Investigator on an HIV Drug Resistance Surveillance Network and basic science research project.

Ian Smith
Ministry of Health, Belize

Mr. Lloyd Ian Smith, BSc, started out his career in Health Informatics at the Karl Heusner Memorial Hospital (KHMH)... and was very influential in leading this Referral Hospital of Belize, in the development, utilization and expansion of Information and Communications Technology from September 2001 until March 2003. Since April 2003, Mr. Smith has been leading the development and implementation of the Belize Health Information System (BHIS) for the Ministry of Health. The Belize Health Information System is a fully integrated Health Information System that provides every citizen with an Electronic Health Record and seamlessly supports individual and public health and is based on an Electronic Health Record System that enables effective centralized management of national, regional, or local health sectors. Mr. Smith is currently working towards improvements to diagnostic data (temporality, severity and status), user specific dashboards for improved system navigation, improved longitudinal data views and full implementation of all modules.

Sally Stansfield
Health Metrics Network, WHO

Dr. Sally Stansfield is the Executive Secretary of the Health Metrics Network (HMN), responsible for managing the technical and financial contributions of HMN partners to accelerate the reform of health information systems for improved health outcomes on behalf of the Network and its host, the World Health Organization (WHO). Prior to
2006, Dr. Stansfield was the Associate Director for Global Health Strategies at the Bill and Melinda Gates Foundation. She draws upon more than 30 years of clinical and public health practice, experience in research agencies, universities, governments, nongovernmental organizations, and multilateral agencies. Dr. Stansfield's areas of expertise include public health research, policy, strategic planning, program design and development, evaluation, and the development of health information systems. She has designed and managed programs for the U.S. Centers for Disease Control and Prevention, the U.S. Agency for International Development, and Canada's International Development.

Kristin M. Tolle
Microsoft Research

Kristin Tolle, MS, PhD, is the Senior Research Program Manager for Biomedical Computing for External Research in Microsoft Research. Since joining Microsoft, Kristin has applied for several patents and worked for various product teams including the Natural Language Group, Visual Studio Team Server, and Microsoft Office Excel. Prior to Microsoft she was a Research Associate in the University of Arizona Artificial Intelligence Lab. Her research interests include natural language processing, automatic ontology creation, medical data mining, medical data confidentiality, body sensors, body sensor networks, and medical information retrieval. Her external research interests include Computational Challenges for Genome-Wide Association Studies (GWAS), Intelligent Systems for Assisted Cognition (and more broadly pervasive computing in Healthcare) and Global Healthcare Informatics (in particular "retro" technologies to enable healthcare in under-served communities).

Tevfik Bedirhan Üstün
World Health Organization

Dr. Üstün has worked in WHO since 1990 first in Mental Health, then in Evidence Cluster as an international health officer and formed multiple international networks on Classification and Assessment of Health and Disability; Mental Health Epidemiology, and Primary Care applications of classification and training programmes. Currently he is responsible for the WHO's Family of International Classifications (ICD, ICF and other health classifications); and health terminologies; and health information standards.

Tadesse Wuhib
Centers for Disease Control and Prevention

Dr. Tadesse Wuhib is a native of Addis Ababa, Ethiopia. Dr. Wuhib, entered the Epidemic Intelligence Service of CDC in 1996, and completed a preventive medicine residency program at CDC in the Louisiana Office of Public Health before joining CDC as a staff in US domestic HIV surveillance branch where he provided HIV/AIDS epidemiologic/surveillance support to the States of Louisiana, Pennsylvania, Minnesota and Nebraska. In April 2001, Dr. Wuhib, served as the first country director for the Global AIDS Program (GAP) in Ethiopia for 6 ½ years where he established the CDC office and the Global AIDS program that has grown during his tenure to programs in 16 technical areas, a staff of 75, budget of 85 million USD, 25 cooperative agreement, and financial relations with over 100 organizations. Dr. Wuhib returned to Atlanta as Country Manager at GAP providing overall oversight to Programs in Afghanistan, Angola, Brazil, Dominican Republic, Lesotho, South Africa, Swaziland, and Zambia. He joined the proposed WHO Collaborating Centre for Public Health Informatics as Director where he initiated and oversaw the establishment of a Global Public Health Informatics Program within the National Center for Public Health Informatics, CDC. His work at CDC has included teaching and supervising students/fellows; carrying out epidemiologic studies including as the principal investigator of a large childhood mortality study in Kazakhstan, and building the chronic diseases epidemiology and surveillance capacity in Louisiana. His international work has included infectious and pediatrics-related surveillance systems in Tanzania (with the Integrated Disease Surveillance Initiative), as well as Brazil, Armenia, Kazakhstan, Uzbekistan, Ukraine, Kyrgystan, and Ethiopia. Dr. Wuhib completed a bachelor's degree from the College of Saint Rose, Albany, New York and received his Doctor of Medicine and Master's degree in public health from the Johns Hopkins University, Baltimore, Maryland and a doctor of human letters from his undergraduate alma mater. He joined CDC after training in Pediatrics at the Children's Hospital Oakland, California.

Poster List

Download Poster List & Abstracts at http://www.gpphi.org/conferences/PHI2008/poster-list

1) **Factors for Successful Adaptation of Handheld Digital Devices for Health Systems in Low-Income Countries - Empirical Review of Eight Projects from Asia and Africa**
Dai Hozumi, Rebecca Walton

2) **Engaging an Ecosystem of Open Source Solutions in the Achievement of the Millenium Development Goals for Health**
Patricia Mechael, Andrew S. Kanter

3) **Global HRIS Strengthening**
Dykki Settle

4) **Building a Simpler Clinician Experience in OpenMRS**
Yaw Anokwa, Christian Allen, Chase Yarbrough, Hamish Fraser

5) **An Innovative Tool for Supporting Quality of Care and Program Reporting: The Haiti HIV Electronic Medical Record Project**
Patrice Joseph, Rachelle Cassagnol, Edieu Louissaint, Bill Lober, Steve Wagner, Christina Quiles, Jean Solon Vallès, Rogès Lamothe, Don Rock Pierre Alexis, Nancy Puttkammer, Perri Sutton, Rachel Labbé Coq

6) **Changing the Paradigm of Using Health Information for Better Results**
Scott Moreland, Nicole Judice, Teresa Harrison

7) **Public Health Information Infrastructure for Tribal Communities in Orissa, India: Understanding the Cultural Factors**
Deepak Kumar Behera, Sridhar R. Papagari Sangareddy, Edward K. Mensah

8) **Geographic Information Systems (GIS) Mapping to Track HIV Infection Rates in Thailand Using Data from Royal Thai Army Recruits 1991-2007**
Sutchana Tabprasit, Nucharee Thongsen, Ekachai Sununtarod, Kitisuk Seakam, Narongrid Sirisopana, Sorachai Nitayaphan, Suebpong Sangkharomya, Carl J. Mason, Julie A. Pavlin

9) **Global Public Health Surveillance Network (GPHSN) Based on Distributed Grid Computing Technology**
Muzna Mirza, John Stinn, Tom Savel, Ken Hall

10) **A Tool for Supporting Laboratory Services: The Haiti Laboratory Information System Project**
John Wesley Nelson, Jacques Boncy, Rachelle Cassagnol, Rachel Labbe Coq, Rikérdy Frédéric, Rogès Lamothe, William Lober, Christina Quiles, Paul Schwartz, Perri Sutton

11) **Integrative Medical Informatics Based Decision Support System for Promotive, Preventive and Curative Healthcare Management**
Medha Dhurandhar

12) **Using Open Source Tools for Implementing Laboratory Information Systems in Vietnam: Experiences with Developing Strategic Partnerships and Building Scalable Solutions**
Reshma Kakkar, Michelle M. Meiggs, Bao An, Cuong Quoc Nguyen, Long Van Nguyen, Gary L. Jones, Christina Tamondong, Steven S. Yoon, Ritu Shrivastava, Mitchell I. Wolfe

13) **Building a Mobile Phone-Based Support Tool for Community Health Workers**
Brian DeRenzi, Neal Lesh, Anita Katusiime, Alex Kakama, Gayo Mhila, Patricia Mechael, Tapan Parikh, Gaetano Borriello

14) **Can an Electronic Medical Record System Improve Health Care in Lusaka, Zambia?**
Gordon Cressman, Chris Kelley, Eileen Reynolds, Niamh Darcy, Pablo Detefanis

15) **Evaluation of a Short-Messaging System (SMS) - Based Telemedicine Service in the Philippines**
Alex I. Gavino, Pia Athena P. Tolentino, Alexandra Belle S. Bernal, Alvin B. Marcelo

16) **Electronic Patient Records for Child Immunizations in Ghana's Sene District**
Anthony Ofosu, Anthony Draye

17) **Using an Electronic Medical Record System in a Rural HIV Clinic in Uganda to Identify and Track Patients Lost to Follow-up in Real Time**
Nicholas Musinguzi, Elvin H. Geng, David R. Bangsberg, Nneka Emenyonu, Bosco Mwebwesa Bwana, Winnie Muyindike, Jeffrey N. Martin

18) **The Mosoriot Medical Records System: Experiences in Supporting and Maintaining an Electronic Medical Record System for Clinical Use and Public Health Practice in Rural Western Kenya**
Chrispinus J. Simiyu, Joseph K. Rotich, Terry J. Hannan, Wilson W. Odero, Lameck O. Diero, John K. Bii, Burke W. Mamlin, John E. Sidle, William M. Tierney

19) **E-Learning for Health for Community Health Workers in the Philippines**
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20) **Challenges, Opportunities and Lessons Learned: Piloting Multi-Institutional Implementation of A Process for Developing Collaborative Portals for International Biomedical Research Collaborations**
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21) **Information and Communication Technologies (ICT) for Health in Nicaragua**
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22) **A New Approach to Bridging the Gap Between ICT Software Component Developers and International Development Fieldworkers in the Health Sector**
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23) **AIDS Mortality Clusters in Texas Counties: The Application of Public Health Informatics in Improving Health by Identifying Health Disparities in Demographic Groups**
Roshanak Jafari, Ed Hsu, Hector Balcazar, Michael Eastman, Francisco Soto Mas

24) **Open Source Public Health Information Systems in Moçambique and Zimbabwe**
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25) **Information Needs and Watering Holes: Lessons From 25 Countries**
Rucha Ambikar, Ricardo Gomez

26) **PakPHIN - Pakistan Public Health Information Network**
S.M. Mursalin, Mansoor Khan

27) **Integrating Health Research Information Systems with Routine Patient Care**
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28) **HealthQuilt - A Texas Health Information Exchange in the Greater Houston Area Center**
Kimberly Dunn, Marc Mansueto, Chiewen Ed Hsu

29) **Public Health Information System for Child Delivery in an Institutional Setting in Rural India**
Kshitij Naval, Sridhar Papagari, Edward Mensah

30) **EpiVue: A Free Open-Source Application Framework for Visualizing Public Health Data**
Qian Yi, Richard E. Hoskins, Elizabeth A. Dahlstrom, Svend S. Sorensen, Mark W. Oberle, Sherrilynne S. Fuller and James C. Wallace

Global Partners in Public Health Informatics (GPPHI) www.gpphi.org

The Idea:

Global Partners in Public Health Informatics aims to create a partnership of individuals and governmental and non-governmental organizations, academic institutions and the private sector to develop strategies for addressing health challenges in low resource settings around the world using information and communication technologies and systems.

The Story:

In December 2006, Manchester University hosted BioHealth, an international workshop on discovery and development through e-Epidemiology. The goal of the global partners initiative is to increase global awareness and encourage collaborative, innovative thinking in public health informatics. Thus, Global Partners in Public Health Informatics (GPPHI) was born.

At that meeting a Steering Committee was formed to shape what has become the Global Partners in Public Health Informatics.

As part of this initiative, GPPHI convenes an annual global conference to address standards for interoperability, data collection, data sharing, education and training. The conference attracts participants from throughout the world. The first Global Partners meeting was held in September 2007 in Seattle.

The goal of the Global Partners in Public Health Informatics is to define and develop a framework for addressing information strategies and technologies, particularly focusing on low resource settings.

Who We Are:

The Global Partners in Public Health Informatics is hosted by the Center for Public Health Informatics (CPHI), University of Washington. CPHI is part of the School of Public Health & Community Medicine at the University of Washington in Seattle. Our incredible faculty and staff are highly esteemed, challenging and encouraging each other to pursue innovative ways to improve public health informatics. (www.cphi.washington.edu)

public health informatics:

"...the systematic application of information and computer science and technology to public health practice, research, and learning."

O'Carroll P, Yasnoff WA, Ward ME, Ripp LH, Martin EL, eds. *Public Health Informatics and Information Systems.* NY, Springer; 2003:5.

A Special Thanks...

PHI2008 would not have been possible without the participation of our speakers, moderators and poster presenters, as well as the long list of distinguished conference attendees. We thank everyone for contributing to make this conference successful.

We also recognize the invaluable assistance of our sponsors and supporters. Thank you.

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