MONDAY, JUNE 17, 2013
7:30-8:30 a.m.  Continental breakfast
8:30-9:00 a.m.  Opening remarks
9:00-10:30 a.m.  Global and national Burden of Disease I
10:30-11:00 a.m.  Coffee break
11:00 a.m.-12:30 p.m.  Measuring effective coverage of interventions
12:45-1:45 p.m.  Lunch
2:00-3:30 p.m.  Health financing
3:30-4:00 p.m.  Coffee break
4:00-5:30 p.m.  New directions in cost-effectiveness analysis
                   Global and national Burden of Disease II

TUESDAY, JUNE 18, 2013
7:30-8:30 a.m.  Continental breakfast
8:30-10:00 a.m.  Global Burden of Diseases, Injuries, and Risk Factors Study 2010: workshop on methods and key findings
                   Data visualization workshop
                   Verbal autopsy
                   Measuring child mortality and causes of death
10:00-10:30 a.m.  Coffee break
10:30 a.m.-12:00 p.m.  Disability weights measurement workshop
                   DisMod MR workshop
                   Risk factor burden
                   Global and national Burden of Disease III
12:15-1:15 p.m.  Lunch
1:30-3:00 p.m.  Global and national Burden of Disease IV
3:00-3:30 p.m.  Coffee break
3:30-5:15 p.m.  Impact evaluations

WEDNESDAY, JUNE 19, 2013
7:30-8:30 a.m.  Continental breakfast
8:30-10:00 a.m.  Poster session
10:00-10:30 a.m.  Coffee break
10:30 a.m.-12:00 p.m.  Costs of care
12:15-1:15 p.m.  Lunch
1:30-3:00 p.m.  Strengthening vital registration in developing countries
3:00-3:30 p.m.  Coffee break
3:30-5:00 p.m.  Metrics for the post-2015 era
5:00-5:30 p.m.  Synthesis of the meeting
We are delighted to welcome you to the Global Health Metrics & Evaluation (GHME) conference: Data, Debates, Directions, co-hosted by the Institute for Health Metrics and Evaluation at the University of Washington, The Lancet, Harvard School of Public Health, the London School of Hygiene & Tropical Medicine, and the University of Melbourne School of Population and Global Health.

GHME unites all of the disciplines that encompass global health measurement and evaluation in one place to actively explore and debate innovative methods, data tools, and future directions for measuring population health. At this year’s GHME, a broad range of conference participants including researchers, policymakers, academic leaders, students, and national and multinational health organizations will discuss and debate the newest global health methods, how to translate these new data and metrics into more effective health policies, and the latest tools available, such as data visualizations. Transparency in research is vital to the understanding of and progress in global health, and it is through these presentations and critical debates that GHME aims to catalyze improved approaches to measuring the world’s health. Over the next three days, global health researchers, both established and fledgling, are encouraged to push the boundaries of present technologies and tools for population health measurement and to help lead the global health field into new directions that are data-driven and expressly focused on promoting the health of populations worldwide.

We have organized this conference to inspire discussion and debate over newly available data, methods, and tools and to directly link global health research to the programs, policies, and health targets such work aims to inform. It is our hope that this conference will continue to foster the professional community and the demand for population health measurement and evaluation work, at this gathering and regularly throughout the year.

We thank you for your participation.

Global Health Metrics & Evaluation Conference Organizing Committee
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The Global Health Metrics & Evaluation conference: Data, Debates, Directions will highlight innovative methods, the latest debates in measurement, and the translation of data to inform effective policy for improved population health. It is co-hosted by the Institute for Health Metrics and Evaluation at the University of Washington, The Lancet, Harvard School of Public Health, the London School of Hygiene & Tropical Medicine, and the University of Melbourne School of Population and Global Health.

With a wide array of participants, we hope to foster a greater exchange of ideas, collaboration, and intellectual innovation and help bridge traditional disciplinary boundaries by demonstrating the force and potential of multidisciplinary intellectual endeavors in population health. Conference sessions will be organized to promote debate and discussion.

**MEALS**

Conference participants will be provided a light breakfast and lunch each day of the conference. Continental breakfast will be served from 7:30 to 8:30 a.m. in the Grand Foyer. Lunch will be served in Grand Ballroom III.

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**EVENING EVENT:**

- **Open house at the Institute for Health Metrics and Evaluation**
  
  *Tuesday, June 18, 5:30-8:30 p.m.*

  Institute for Health Metrics and Evaluation  
  2301 5th Avenue, Suite 600, Seattle, WA 98121

  IHME welcomes you to an open house at its offices four blocks from the conference site. Showcasing IHME’s research areas and ongoing projects, the open house will provide an opportunity for guests to interact with novel scientific tools and products being developed at the Institute. Hors d’oeuvres and beverages provided.
SCHEDULE

7:30-8:30 a.m.    Continental breakfast, Location: Grand Foyer

8:30-9:00 a.m.   Opening remarks, Location: Grand Ballrooms I and II

9:00-10:30 a.m.  GLOBAL AND NATIONAL BURDEN OF DISEASE I

Chair:
Peter Piot, London School of Hygiene & Tropical Medicine

Speakers:
Christopher Murray, IHME, University of Washington
Iuri Leite, Brazilian School of Public Health
Fatima Marinho, Pan American Health Organization
Victoria Pillay-van Wyk, South African Medical Research Council

10:30-11:00 a.m. Coffee break, Location: Grand Foyer

11:00 a.m.-12:30 p.m. MEASURING EFFECTIVE COVERAGE OF INTERVENTIONS

Chair: Peter Hansen, GAVI Alliance

Speakers:
Bharat Randive, R D Gardi Medical College, India and Umea University
Tanya Marchant, London School of Hygiene & Tropical Medicine
K. Ellicott Colson, IHME, University of Washington
Diwakar Yadav, FHI 360

12:45-1:45 p.m. Lunch, Location: Grand Ballroom III
2:00-3:30 p.m.  HEALTH FINANCING

Location: Grand Ballrooms I and II

Chair:
Julio Frenk, Harvard School of Public Health

Speakers:
Joseph Dieleman, University of Washington
Alan Diener, Organization for Economic Co-operation and Development
Rousselle Lavado, IHME, University of Washington
Yuki Murakami, Organization for Economic Co-operation and Development
Gabriela Flores, University of Lausanne and Erasmus University

3:30-4:00 p.m.  Coffee break, Location: Grand Foyer

4:00-5:30 p.m.  NEW DIRECTIONS IN COST-EFFECTIVENESS ANALYSIS

Location: Grand Ballroom I

Chair:
Ramiro Guerrero, PROESA

Speakers:
Lorenzo Sabatelli, GLOB MOD
Arindam Nandi, Center for Disease Dynamics, Economics & Policy
Karampreet Sachathep, Johns Hopkins University
Joshua Salomon, Harvard School of Public Health
Dean Jamison, University of Washington and Center for Disease Dynamics, Economics & Policy

GLOBAL AND NATIONAL BURDEN OF DISEASE II

Location: Grand Ballroom II

Chair:
Kenji Shibuya, University of Tokyo

Speakers:
Suzanne Polinder, Erasmus MC
Arie Havelaar, National Institute for Public Health and the Environment, the Netherlands
Kyle Heuton, IHME, University of Washington
Hendriek Boshuizen, National Institute for Public Health and the Environment, the Netherlands
Martin Tobias, Ministry of Health, New Zealand
TUESDAY: JUNE 18, 2013

SCHEDULE

7:30-8:30 a.m.  
Continental breakfast, Location: Grand Foyer

8:30-10:00 a.m.  
GLOBAL BURDEN OF DISEASES, INJURIES, AND RISK FACTORS STUDY 2010:  
WORKSHOP ON METHODS AND KEY FINDINGS  
Location: Fifth Avenue Room  
Chair: Christopher Murray, IHME, University of Washington  
Speakers:  
Haidong Wang, IHME, University of Washington  
Rafael Lozano, IHME, University of Washington and Instituto Nacional de Salud Pública, Mexico  
Sarah Wulf, University of Washington  
Stephen Lim, IHME, University of Washington

DATA VISUALIZATION WORKSHOP  
Location: Grand Crescent Room  
Speakers:  
Kyle Foreman, Imperial College, London  
Peter Speyer, IHME, University of Washington

VERBAL AUTOPSY  
Location: Grand Ballroom I  
Chair: Fatima Marinho, Pan American Health Organization  
Speakers:  
Peter Serina, IHME, University of Washington  
Elisabeth Franca, Federal University of Minas Gerais  
Andrea Stewart, IHME, University of Washington  
Abraham Flaxman, IHME, University of Washington

MEASURING CHILD MORTALITY AND CAUSES OF DEATH  
Location: Grand Ballroom II  
Chair: Zulfiqar Bhutta, Aga Khan University  
Speakers:  
Menard Chihana, Karonga Prevention Study  
Celia Szwarcwald, Oswaldo Cruz Foundation  
Angela Parcesepe, MEASURE Evaluation  
John Grove, Bill & Melinda Gates Foundation
10:00-10:30 a.m.  
Coffee break, Location: Grand Foyer

10:30 a.m.-12:00 p.m.  
**DISABILITY WEIGHTS MEASUREMENT WORKSHOP**  
Location: Fifth Avenue Room  
**Speakers:**  
Joshua Salomon, Harvard School of Public Health  
Juanita Haagsma, Erasmus MC  
Theo Vos, IHME, University of Washington

**DISMOD MR WORKSHOP**  
Location: Grand Crescent Room  
**Speakers:**  
Hannah Peterson, IHME, University of Washington  
Abraham Flaxman, IHME, University of Washington  
John Salvatier, Amazon

**RISK FACTOR BURDEN**  
Location: Grand Ballroom I  
**Chair:** Ali Mokdad, IHME, University of Washington  
**Speakers:**  
Farshad Farzadfar, Tehran University of Medical Sciences  
Nick Wilson, University of Otago, Wellington  
Michael Freeman, IHME, University of Washington  
Nayu Ikeda, University of Tokyo

**GLOBAL AND NATIONAL BURDEN OF DISEASE III**  
Location: Grand Ballroom II  
**Chair:** Louisa Degenhardt, University of New South Wales  
**Speakers:**  
Collin Payne, University of Pennsylvania  
Alessandro Cassini, European Centre for Disease Prevention and Control  
Kim Longfield, Population Services International  
Kanitta Bundhamcharoen, Ministry of Public Health, Thailand

12:15-1:15 p.m.  
Lunch, Location: Grand Ballroom III
SCHEDULE

1:30-3:00 p.m.  GLOBAL AND NATIONAL BURDEN OF DISEASE IV  
Location: Grand Ballrooms I and II  
Chair: Stein Emil Vollset, Norwegian Institute of Public Health and University of Bergen  
Speakers:  
Donald Schopflocher, University of Alberta  
Theo Vos, IHME, University of Washington  
Michael Wolfson, University of Ottawa  
Nicole Johns, IHME, University of Washington

3:00-3:30 p.m.  Coffee break, Location: Grand Foyer

3:30-5:15 p.m.  IMPACT EVALUATIONS  
Location: Grand Ballrooms I and II  
Chair: To be announced  
Speakers:  
Slawa Rokicki, Harvard University  
Ashish Bajracharya, Population Council, Bangladesh  
Ann Lin, Deloitte Consulting  
Francis Obare, Population Council, Kenya  
Marcia Weaver, I-TECH, University of Washington  
Amber Peterman, University of North Carolina at Chapel Hill
7:30-8:30 a.m.  Continental breakfast, Location: Grand Foyer

8:30-10:00 a.m.  POSTER SESSION
Location: Fifth Avenue Room and Grand Crescent Room
(Posters will be displayed all day)

10:00-10:30 a.m.  Coffee break, Location: Grand Foyer

10:30 a.m.-12:00 p.m.  COSTS OF CARE
Location: Grand Ballrooms I and II
Chair:
Felix Masiye, University of Zambia
Speakers:
Michael Hanlon, IHME, University of Washington
Mead Over, Center for Global Development
David Collins, Management Sciences for Health
Bruce Hollingsworth, Lancaster University

12:15-1:15 p.m.  Lunch, Location: Grand Ballroom III

1:30-3:00 p.m.  STRENGTHENING VITAL REGISTRATION IN DEVELOPING COUNTRIES
Location: Grand Ballrooms I and II
Chair:
Alan Lopez, University of Melbourne School of Population and Global Health
Speakers:
Rasika Rampatige, University of Queensland
David Phillips, University of Washington
Lene Mikkelsen, LM Consulting
Katherine Lofgren, IHME, University of Washington
Endah Pratiwi, National Institute of Health Research and Development, Indonesia

3:00-3:30 p.m.  Coffee break, Location: Grand Foyer

3:30-5:00 p.m.  METRICS FOR THE POST-2015 ERA
Location: Grand Ballrooms I and II
Chair:
Agnes Binagwaho, Ministry of Health, Rwanda
Speakers:
Katrina Ortblad, IHME, University of Washington
Ties Boerma, World Health Organization
Martin Collier, Glaser Progress Foundation
Bob Emrey, United States Agency for International Development (USAID)
Julio Frenk, Harvard School of Public Health

5:00-5:30 p.m.  SYNTHESIS OF THE MEETING
Location: Grand Ballrooms I and II
Richard Horton, The Lancet
ASHISH BAJRACHARYA  
PhD, Associate, Reproductive Health Program, Population Council  
**Impact evaluations**  
Dr. Bajracharya is based in Dhaka, Bangladesh, and works primarily on research related to programs designed to increase access, utilization, quality, and equity of reproductive and maternal healthcare services in developing countries. Currently, he manages evaluations of reproductive health voucher programs in Bangladesh and Cambodia. He is a social demographer who specializes in quasi-experimental and experimental evaluation methods. He also works on issues related to poverty, gender, population, and HIV/AIDS in Bangladesh, Myanmar, and Nepal. He holds a PhD in Policy Analysis and Management from Cornell University.

ZULFIQAR A. BHUTTA  
PhD, Husein Laljee Dewraj Professor and Founding Chair, Division of Women and Child Health, Aga Khan University  
**Measuring child mortality and causes of death**  
Dr. Bhutta was designated a Distinguished National Professor of the Government of Pakistan in 2007. He is also the Dean of the Faculty of Pediatrics of the College of Physicians & Surgeons, Pakistan, and Chairman of the National Research Ethics Committee of the Government of Pakistan. He was educated at the University of Peshawar (MBBS) and obtained his PhD from the Karolinska Institute, Sweden. At Aga Khan University, he heads a research team working on issues of maternal, newborn, and child survival and nutrition globally and regionally.

AGNES BINAGWAHO  
MD, M(Ped), Minister of Health, Republic of Rwanda  
**Metrics for the post-2015 era**  
Dr. Binagwaho is the Minister of Health of the Republic of Rwanda. After practicing as a pediatrician for over 15 years, Dr. Binagwaho led the National AIDS Control Commission between 2002 and 2008, and then served as Permanent Secretary in the Ministry of Health until 2011. Dr. Binagwaho is a Senior Lecturer at Harvard Medical School and Clinical Professor of Pediatrics at the Geisel School of Medicine in Dartmouth. She chairs the Rwanda Pediatric Society and is a member of the Global Task Force on Expanded Access to Cancer Care and Control in Developing Countries. Dr. Binagwaho also serves on the editorial boards of PLOS Medicine, The Lancet Global Health, and Health and Human Rights, and is a member of the International Strategic Advisory Board for the Institute of Global Health Innovation at Imperial College London.

TIES BOERMA  
MD, PhD, Director, Department of Health Statistics and Information Systems, World Health Organization  
**Metrics for the post-2015 era**  
Dr. Boerma is Director of the Department of Health Statistics and Information Systems at the World Health Organization in Geneva. He obtained degrees in medicine (MD) and medical demography (PhD) and has 30 years of experience working in public health and research programs, including 10 years in Africa. Dr. Boerma has published extensively on monitoring and evaluation, health information, HIV/AIDS, and maternal and child health in epidemiological, demographic, and public health journals.

HENDRIEK BOSHUIZEN  
PhD, Senior Statistician, National Institute of Public Health and the Environment  
**Global and national Burden of Disease II**  
Dr. Boshuizen is a senior statistician at the National Institute of Public Health and the Environment (RIVM) of the Netherlands and extraordinary professor of Biostatistical Modeling for Nutritional Research at Wageningen University. Since 1991, she has worked on summary measures of population health, and her current research involves chronic disease modeling and the development and application of the RIVM-Chronic Disease Model and the DYNAMO-HIA model, both Markov models that project the influence of risk factors on future population health.
**KANITTA BUNDHAMCHAROEN**  
DDS, MA, PhD, Senior Researcher, International Health Policy Program, Ministry of Public Health  
*Global and national Burden of Disease III*  
Dr. Bundhamcharoen is a senior researcher at the International Health Policy Program (IHPP) in the Ministry of Public Health in Thailand. She has led the national burden of disease study in Thailand since 2001. Her research interests include burden of diseases and injuries, comparative risk assessment, economic evaluation of health interventions, population health, and social policies affecting older populations and informal caregivers. Through her research, education, and service activities, Dr. Bundhamcharoen works closely with decision-makers at the national government level.

**ALESSANDRO CASSINI**  
MsC, MD, Lead, European Center for Disease Prevention and Control  
*Global and national Burden of Disease III*  
Dr. Cassini leads the Burden of Communicable Diseases in Europe (BCoDE) project at the European Center for Disease Prevention and Control (ECDC) with the remit of estimating and expressing the burden of communicable diseases and related conditions by means of composite health measures (eg, DALYs). Before joining ECDC in 2009, he worked for a private consultancy firm in London, advising mainly on matters related to market access, health technology assessment, and overall appraisal of unmet needs. Dr. Cassini is a medical doctor by training, with a specialization in public health and preventive medicine and an MSc in Health Policy Planning and Financing.

**MENARD CHIHANA**  
Research Scientist, Karonga Prevention Study, Karonga Health and Demographic Surveillance System  
*Measuring child mortality and causes of death*  
Mr. Chinana works as a Research Scientist for Karonga Prevention Study where he leads several studies in the demography section of Karonga Health and Demographic Surveillance System, which includes the continuous registration system of the study population, cause of death study using verbal autopsy, and the social economic surveys. He holds a bachelor’s degree in Economics and Statistics from Chancellor College at the University of Malawi, and he is currently pursuing his MSc in Epidemiology at the London School of Hygiene & Tropical Medicine.

**MARTIN COLLIER**  
BA, JD, Executive Director and Managing Board Member, Glaser Progress Foundation  
*Metrics for the post-2015 era*  
Mr. Collier is founding Executive Director and a Managing Board Member of the Glaser Progress Foundation, created by Rob Glaser, Founder, Chairman, and Interim CEO of RealNetworks. At the Foundation, Mr. Collier oversees initiatives to create new and better measures of economic and social progress; expand and amplify independent media; and strengthen the Global Fund to Fight AIDS, Tuberculosis and Malaria. He is treasurer and board member of Media Impact Funders, former advisory board member of Free Press, and former member and advisor to the Democracy Alliance. He is a graduate of Georgetown University and Seattle University School of Law.

**DAVID COLLINS**  
FCA, MA, Senior Health Finance Advisor, Management Sciences for Health  
*Costs of care*  
Mr. Collins is a chartered accountant with over 30 years of experience in international health and development projects, including working as resident health finance advisor to the Ministries of Health of Kenya and South Africa. He works for Management Sciences for Health in health financing and teaches health finance at Boston University. He provides technical assistance and training to developing countries in all areas of health finance including the cost modeling of vertical programs, such as tuberculosis and community case management, and integrated hospital, health center, and community service packages.
and a Master of Public Health candidate at the University of Washington. She is interested in impact evaluations and methods to correct for known biases in population health metrics. She is currently involved in an evaluation of malaria control policies in Uganda and Zambia, and an evaluation of Salud Mesoamerica 2015, a results-based financing initiative to improve child and maternal health services in Central America. Ms. Colson earned BA degrees in Mathematics and Community Health from Tufts University in 2011 and was a Fuller Junior Research Fellow at the American Cancer Society.

LOUISA DEGENHARDT
PhD, Professor, Senior Principal Fellow, University of New South Wales

Global and national Burden of Disease III
Dr. Degenhardt is Professor and National Health and Medical Research Council (NHMRC) Senior Principal Fellow at the National Drug and Alcohol Research Centre (NDARC) of the University of New South Wales. She has been involved in a wide range of work examining the epidemiology of drug use, comorbid mental health problems, cohort studies, and illicit drug market surveillance. She has more recently extended her focus to include the health of young people, and is currently involved in half a dozen local and national cohort studies, with a focus upon the incidence and course of risk behaviors of young people. She co-chaired the expert group on mental disorders and illicit drug use for the 2010 Global Burden of Disease project.

JOE DIELEMAN
PhD, Research Assistant, Institute for Health Metrics and Evaluation (IHME), University of Washington

Health financing
Dr. Dieleman recently finished a PhD in Economics at the University of Washington. His research focuses on government health expenditure, development assistance for health, and how each affects the other and how they affect health. With his degree complete, he is transitioning to a faculty position at IHME. Dr. Dieleman is originally from Michigan and, prior to pursuing his PhD, he spent three years teaching math in Honduras.

K. ELLICOTT COLSON
BA, Post-Bachelor Fellow, Institute for Health Metrics and Evaluation (IHME), University of Washington

Measuring effective coverage of interventions
Ms. Colson is a Post-Bachelor Fellow at IHME and a Master of Public Health candidate at the University of Washington. She is interested in impact evaluations and methods to correct for known biases in population health metrics. She is currently involved in an evaluation of malaria control policies in Uganda and Zambia, and an evaluation of Salud Mesoamerica 2015, a results-based financing initiative to improve child and maternal health services in Central America. Ms. Colson earned BA degrees in Mathematics and Community Health from Tufts University in 2011 and was a Fuller Junior Research Fellow at the American Cancer Society.

ALAN DIENER
PhD, Consultant, Health Division, Directorate for Employment, Labour, and Social Affairs, Organisation for Economic Co-operation and Development

Health financing
Dr. Diener is currently leading a project on estimating expenditures by disease under the framework of the System of Health Accounts. Dr. Diener’s research interests include economic evaluation and cost of illness. Prior to joining the Organisation for Economic Cooperation and Development, Dr. Diener was manager of the Population Health Economics Section at the Public Health Agency of Canada and a part-time professor at the Telfer School of Management, University of Ottawa. He received his PhD in Health Economics from McMaster University.

FARSHAD FARZADFAR
MD, MPH, Assistant Professor, Global Health and Population, Tehran University of Medical Sciences

Risk factor burden
Farshad Farzadfar is assistant professor of Global Health and Population in Tehran University of Medical Sciences and chair of the Non-Communicable Diseases Research Center (NCDRC). The NCDRC focuses on population level studies. Dr. Farshad is principal investigator of three national projects in NCDRC, including National and Sub-national Burden of Diseases in Iran from 1990 to 2012 (NASBOD study), Behvarz Health Study (BHS), which is the first health professional cohort study in Iran, and a health system performance assessment on a family physician program.

ABRAHAM FLAXMAN
PhD, Assistant Professor of Global Health, Institute for Health Metrics and Evaluation (IHME) and Department of Global Health, University of Washington

Verbal autopsy
DisMod MR workshop
Dr. Flaxman is the research lead for the Computational Algorithms research team. Dr. Flaxman is the primary architect of a software tool known as DisMod-MR that IHME is using to estimate the Global Burden of Disease. He and other researchers use the tool to fill in gaps in incomplete data on stroke, malaria, depression, and other diseases from government records and surveys and to correct for inconsistencies. Prior to being named Assistant Professor of Global Health, Dr. Flaxman was a Post-Graduate Fellow at IHME. He previously was a post-doctoral fellow at Microsoft Research. Originally from Evanston, IL, Dr. Flaxman earned his Bachelor of Science degree in Mathematics from the Massachusetts Institute of Technology. He earned his PhD in Algorithms, Combinatorics, and Optimization from Carnegie Mellon University in 2006.
Gabriela Flores  
PhD, Institute of Health Economics and Management, University of Lausanne, Erasmus University  
**Health financing**  
Dr. Flores holds a PhD in Statistics and Econometrics from the University of Geneva in Switzerland. Her research focuses on financial protection, universal coverage, well-being, and the econometric evaluation of health policies. She has been a consultant for the World Bank, the Inter-American Development Bank, and the World Health Organization. She holds a post-doctoral position at the Institute of Health Economics and Management (IEMS) hosted by the University of Lausanne. She is involved in a collaborative research project funded by the European Commission’s on Health Equity and Financial Protection in Asia (HEfPA). She is a visiting fellow of the Erasmus University Rotterdam.

Kyle Foreman  
MPH, PhD candidate, Imperial College London  
**Data visualization workshop**  
Mr. Foreman is currently finishing his PhD in biostatistics at Imperial College London with Majid Ezzati, where his dissertation focuses on a novel method for forecasting cause-specific mortality rates by US state. Before that, he worked as a Post-Bachelor Fellow and then Data Scientist at the Institute for Health Metrics and Evaluation (IHME). As a Fellow, his primary role was developing the CODEm model, which was used to produce cause of death estimates for the GBD 2010. As a Data Scientist, he designed and developed GBD Compare, interactive visualization software that allows anyone to explore the massive amounts of data produced by GBD 2010.

Elisabeth Franca  
MD, PhD, Associate Professor of Epidemiology, Federal University of Minas Gerais  
**Verbal autopsy**  
Dr. Franca is an Associate Professor of Epidemiology of the Graduate Program in Public Health at the School of Medicine, Federal University of Minas Gerais in Belo Horizonte, Brazil. Her research areas include health impact evaluation, and causes of death and infant mortality analyses. Prior to joining the university, Dr. Franca worked at the state health department in Belo Horizonte for 20 years, where she held technical and managerial posts including the coordination of the Infectious Disease Surveillance Program. Most recently, she has been coordinating research projects related to the measurement of mortality and causes of death in Brazil.

Michael K. Freeman  
BA, Post-Bachelor Fellow, Institute for Health Metrics and Evaluation (IHME), University of Washington  
**Risk factor burden**  
Mr. Freeman is a Post-Bachelor Fellow at IHME, and an MPH candidate at the University of Washington. On a methodological level, he is interested in designing and building interactive data visualizations for exploring and communicating relationships in large datasets. In addition to his work on smoking prevalence estimation, Mr. Freeman’s research experience includes designing population-level comorbidity simulations and the estimation of health-adjusted life expectancy. Before working at IHME, he earned a bachelor’s degree in Sociology from Colorado College.

Júlio Frenk  
MD, PhD, Dean of the Faculty, Harvard School of Public Health  
**Health financing**  
**Metrics for the post-2015 era**  
Since January 2009, Dr. Frenk has been Dean of the Faculty at the Harvard School of Public Health and T & G Angelopoulos Professor of Public Health and International Development, a joint appointment between the Harvard Kennedy School of Government and HSPH. Dr. Frenk served as the Minister of Health of Mexico from 2000 to 2006, where he introduced universal health insurance. He has held leadership positions at the National Institute of Public Health of Mexico, the Mexican Health Foundation, the World Health Organization, the Bill & Melinda Gates Foundation, and the Carso Health Institute.

John Grove  
MA, PhD, Senior Program Officer, Global Health Program, Bill & Melinda Gates Foundation  
**Measuring child mortality and causes of death**  
Dr. Grove is a Senior Program Officer on the enteric and diarrheal diseases and pneumonia teams at the Bill & Melinda Gates Foundation. He leads the pneumonia team’s efforts on discovering innovative tools to measure mortality in the field. Prior to this, Dr. Grove held senior positions with the US Centers for Disease Control and Prevention in Cote d’Ivoire, Tanzania, and Zambia. Other past affiliations include the Public Health Institute, the David and Lucile Packard Foundation, the Futures Group, and consulting for the Los Angeles County Department of Public Health Services. He holds a PhD in Health Services Evaluation from the Royal Melbourne Institute of Technology.
**RAMIRO GUERRERO**  
Director, PROESA (Research Center for Social Protection and Health Economics)  

*New directions in cost-effectiveness analysis*

Dr. Guerrero is the founding Director of PROESA, based in Colombia. He previously served as research director of the Harvard Global Equity Initiative at Harvard University; Deputy Minister for Social Protection in Colombia, in charge of health system financing, information systems, and planning; and was a research fellow at the Harvard Initiative for Global Health. He earned a degree in Economics at Universidad de los Andes, and obtained master’s degrees in Environmental Economics from the University of Maryland at College Park and in Economic Policy Management at CERDI-Université d’Auvergne in France.

**ARIE HAVELAAR**  
MSc, PhD, Principal Scientist, Centre for Zoonoses and Environmental Microbiology, National Institute for Public Health and the Environment; Professor, Microbial Risk Assessment, Institute for Risk Assessment Sciences, Veterinary Faculty of Utrecht University  

*Global and national Burden of Disease II*

Dr. Havelaar graduated in Chemical Engineering with specialization in Technical Microbiology (with honors) from the Delft University of Technology. He obtained his PhD at Utrecht University and an MSc in Epidemiology at the Netherlands Institute of Health Sciences (Rotterdam). He is Vice Chair of European Food Safety Authority’s Scientific Panel on Biological Hazards and Chair of the World Health Organization Foodborne Disease Burden Epidemiology Reference Group.

**JUANITA HAAGSMA**  
PhD, Senior Researcher, Department of Public Health, Erasmus University MC  

*Disability weights measurement workshop*

Dr. Haagsma holds a PhD from Erasmus University Rotterdam and received training in epidemiology and public health. Her professional career has evolved around burden of disease measurement and injury epidemiology and prevention. She has extensive experience in quality of life after trauma and surveillance-based research to support policies in prevention and acute care. She has a postdoctoral position in the Department of Public Health at the Erasmus University Medical Centre Rotterdam and works as a senior researcher at the Radboud University Nijmegen Medical Centre in the Netherlands.

**MICHAEL HANLON**  
PhD, Assistant Professor of Global Health, Institute for Health Metrics and Evaluation (IHME) and Department of Global Health, University of Washington  

*Costs of care*

Dr. Hanlon is an Assistant Professor at IHME at the University of Washington. He manages research teams analyzing how health care is financed across countries and the costs of providing care. He directs IHME’s field work in multiple countries, including Colombia, Ghana, Kenya, Lebanon, Uganda, and Zambia. Originally from Anchorage, Alaska, Dr. Hanlon earned his Bachelor of Science degree from Oregon State University and his PhD in Economics from the University of Washington. Prior to his academic career, Dr. Hanlon was one of Amazon.com’s first employees, working in a variety of professional and technical roles from 1995 to 2001.

**KYLE HEUTON**  
BS, Post-Bachelor Fellow, Institute for Health Metrics and Evaluation (IHME), University of Washington  

*Global and national Burden of Disease II*

Mr. Heuton graduated from the University of Minnesota in 2012 with degrees in Mathematics and Chemical Engineering. While in school, he delved into applied quantitative research, studying everything from cameras that measure railroad safety to antenatal health indicators. He is now a Post-Bachelor Fellow at IHME, where he studies how the latest techniques from math and computer science can be used to measure health and guide public policy. Specifically, Kyle works on estimation of deaths by cause, making the most of the little data available to make accurate estimates worldwide.

**BRUCE HOLLINGSWORTH**  
PhD, MSc, BA, Professor of Health Economics, Lancaster University  

*Costs of care*

Dr. Hollingsworth is Professor of Health Economics at Lancaster University, and Director of the newly formed Health Economics At Lancaster (HEAL) group. His research is principally in the area of efficiency measurement with respect to the production of health and health care, economic determinants of health, and the translation of research into practice. Dr. Hollingsworth is on the board of the international Health Econometrics Association (iHEA) and runs its email/Twitter discussion list, is referee for over 40 journals, has over 200 publications, and is Editor of Health Economics Letters.
**RICHARD D. HORTON**  
FR, CP, FMedSci, Editor-in-Chief, *The Lancet*  
*Synthesis of the meeting*  
Dr. Horton joined *The Lancet* in 1990, moving to New York as North American Editor in 1993. He is an honorary professor at the London School of Hygiene & Tropical Medicine, University College London, and the University of Edinburgh. He is a Council member of the UK’s Academy of Medical Sciences and the University of Birmingham, and he chairs the Board of the Health Metrics Network. He has a strong interest in issues of global health and medicine’s contribution to wider culture.

**NAYU IKEDA**  
PhD, Project Lecturer, AXA Department of Health and Human Security, University of Tokyo  
*Risk factor burden*  
Dr. Ikeda is Project Lecturer in the AXA Department of Health and Human Security within the Graduate School of Medicine at the University of Tokyo. Dr. Ikeda led the comparative risk assessment study in Japan published in *The Lancet* and *PLoS Medicine*. Her current research projects include the assessment of disease burden at the subnational level in Japan and the monitoring of effective coverage of interventions on risk factors for non-communicable diseases. Prior to joining the University of Tokyo, she was a Visiting Scientist at the Institute for Health Metrics and Evaluation at the University of Washington.

**DEAN JAMISON**  
Professor, Global Health, University of Washington  
Senior Fellow, Center for Disease Dynamics, Economics & Policy  
*New directions in cost-effectiveness analysis*  
Professor Dean Jamison is on the faculty of the Department of Global Health. Concurrently, he is Adjunct Professor at both the Peking University Guanghua School of Management and at the University of Queensland School of Population Health in Australia. Before joining the Department of Global Health, Prof. Jamison served as T & G Angelopoulos Visiting Professor of Public Health and International Development in the Harvard Kennedy School and the Harvard School of Public Health, while in tandem holding a position as Professor of Development Economics at the University of California, San Francisco.

**NICOLE JOHNS**  
BA, Post-Bachelor Fellow, Institute for Health Metrics and Evaluation (IHME), University of Washington  
*Global and national Burden of Disease IV*  
Ms. Johns is a Post-Bachelor Fellow at IHME. Her work on the Global Burden of Disease Study 2010 has included the production of death and disability estimates for more than 40 diseases, including maternal conditions, skin diseases, and vaccine-preventable causes. Her work in social determinants of health has included the estimation of permanent income from asset-based wealth indices and the development of a measure of nation-level inequality. She is a Master of Public Health candidate at the University of Washington and holds a BA in Sociology from Dartmouth College.

**ROUSSELLE F. LAVADO**  
PhD, Post-Graduate Fellow, Institute for Health Metrics and Evaluation (IHME), University of Washington  
*Health financing*  
Dr. Lavado is a Post-Graduate Fellow at IHME and a Senior Research Fellow at the Philippine Institute for Development Studies. At IHME, she is part of the Health Financing research team, developing methods to estimate expenditures by disease. She has also held positions at the Asian Development Bank Institute and the Policy Center of the Asian Institute of Management and worked as a consultant for the World Bank, World Health Organization, German Agency for Technical Cooperation, and the United States Agency for International Development. She received her master’s and doctorate degrees in Public Policy at Hitotsubashi University in Japan.

**IURI DA COSTA LEITE**  
PhD, Senior Researcher, National School of Public Health  
*Global and national Burden of Disease I*  
Dr. Leite is a senior researcher at the National School of Public Health (ENSPI/Fiocruz) in Rio de Janeiro, Brazil. Dr. Leite graduated with a degree in Statistics from the National School of Statistical Science, a school of the Brazilian Institute of Geography and Statistics that is a key provider of data and information about population health in the country. He obtained master’s degree in Demography at the Center for Developing and Planning at the Federal University of Minas Gerais, and received his PhD in Social Statistics from the University of Southampton. He research is now focused on social determinants of health and burden of disease.
**Key Findings**

Dr. Lim is Associate Professor of Global Health at the University of Washington. He is also Adjunct Associate Professor of Health Services at the University of Washington. Dr. Lim was one of the leaders of the computation of estimates of burden attributable to risk factors in the Global Burden of Disease Study 2010, which calculated estimates for 67 risks and risk factor clusters by age and sex around the world. He also leads IHME’s collaboration with the GAVI Alliance, evaluating the impact of their vaccine roll-out in several target countries. Dr. Lim studied at Monash University in Australia, where he received a Bachelor of Arts in Philosophy and Psychology, a Bachelor of Science in Pharmacology, and a PhD in Epidemiology and Health Economics.

**Ann Lin**

MA, Manager, Deloitte Consulting

**Impact Evaluations**

Ms. Lin is a manager at Deloitte Consulting, with 10 years of experience in health policy. Most recently, she served as technical advisor to the Ministry of Public Health in Afghanistan and led the evaluation of the conditional cash transfer project. Prior to joining Deloitte, she was the Assistant Director with Johns Hopkins Medicine International. In this capacity, she managed the health systems reform project in Trinidad and Tobago, hospital development projects in the United Arab Emirates and Japan, and coordinated the health systems modernization project of nine central and eastern European countries. She received a master’s degree from the Johns Hopkins School of Advanced International Studies and is a PhD candidate at the Johns Hopkins Bloomberg School of Public Health.

**Katherine Lofgren**

BA, Post-Bachelor Fellow, Institute for Health Metrics and Evaluation (IHME), University of Washington

**Strengthening Vital Registration in Developing Countries**

Ms. Lofgren is in her third year of the Post-Bachelor Fellowship at IHME and is an MPH candidate in the Department of Global Health at the University of Washington. During her tenure at IHME, she has focused on applying demographic methods to estimate population health. Ms. Lofgren contributed to the child and adult mortality all-cause estimation process for the Global Burden of Disease Study 2010. Currently, her research focuses on improving survey design and estimation methods for parental survival histories as a means to better estimate adult mortality trends in data-scarce settings.

**Kim Longfield**

PhD, MPH, Director for Research and Metrics, Population Services International (PSI)

**Global and National Burden of Disease III**

Dr. Longfield is the Director for Research and Metrics at PSI and has worked for the organization since 2001. She is responsible for a team of more than forty international researchers and the quality of research implemented in approximately sixty countries. Her expertise is in social marketing using evidence to develop, monitor, and evaluate programs. Dr. Longfield earned her PhD in Sociology and International Health and an MPH in International Health/Health Communication and Education, both from Tulane University. She is the author of more than two dozen published journal articles, reports, book chapters and working papers.

**Alan D. Lopez**

MS, PhD, Melbourne Laureate Professor and Rowden-White Chair of Global Health and Burden of Disease Measurement, University of Melbourne

**Strengthening Vital Registration in Developing Countries**

Dr. Lopez is Melbourne Laureate Professor and Rowden-White Chair of Global Health and Burden of Disease Measurement in the School of Population and Global Health at the University of Melbourne in Australia. He is also an Affiliate Professor of Global Health at the Institute for Health Metrics and Evaluation (IHME) at the University of Washington. His publications have received worldwide acclaim for their rank in importance and influence in global health and medical research. Dr. Lopez is the co-author with Dr. Christopher Murray of the seminal Global Burden of Disease study, which has greatly influenced debates about priority setting and resource allocation in health. In 2009, he was elected as a Foreign Associate Member to the Institute of Medicine of the US National Academies of Sciences, and he serves on the National Academies of Sciences’ Committee on Population as an expert panel member.
RAFAEL LOZANO
MSc, MD, Director of Latin American and Caribbean Initiatives, Professor of Global Health, Institute for Health Metrics and Evaluation (IHME) and Department of Global Health, University of Washington; National Institute of Public Health

Global Burden of Diseases, Injuries, and Risk Factors Study 2010: workshop on methods and key findings
Dr. Lozano, MSc, MD, is Director of Latin American and Caribbean Initiatives and Professor of Global Health at IHME at the University of Washington. He is based in Cuernavaca, Mexico, at the National Institute of Public Health (INSP). Dr. Lozano has been a leading contributor to epidemiological statistics, theory, and methods. He worked at the World Health Organization in Geneva as Senior Epidemiologist for the Global Program on Evidence for Health Policy for three years, and at Mexico’s National Institute of Public Health, where he headed the Department of Epidemiology and the Division of Epidemiological Transition.

TANYA MARCHANT
MSc, PhD, Epidemiologist, London School of Hygiene & Tropical Medicine
Measuring effective coverage of interventions
Dr. Marchant is an epidemiologist at the London School of Hygiene & Tropical Medicine. She holds an MSc in Medical Demography from the London School of Hygiene & Tropical Medicine and a PhD in Epidemiology from the Swiss Tropical and Public Health Institute. Dr. Marchant’s research has focused on issues in reproductive, maternal, and newborn health, primarily in sub-Saharan Africa. This began with investigations into fertility preferences and priorities in Gambia and Tanzania and moved into the prevention of anemia and malaria in pregnancy. More recently her focus has been on innovations to improve the survival of mothers and newborns in India and sub-Saharan Africa, and on measurement of outputs and outcomes along the continuum of care.

FELIX MASIYE
MSc, PhD, Head of the Department of Economics, University of Zambia
Costs of care
Dr. Masiye has extensive knowledge of health systems in sub-Saharan Africa. He sits on technical committees in health care financing and monitoring and evaluation at the Ministry of Health in Zambia. He has published a number of papers in health financing, economic evaluation, equity in health, and health system performance assessment. In addition to serving on the Affiliate Faculty at IHME, Dr. Masiye is a co-investigator on the Malaria Control Policy Assessment project, a collaborative project between IHME and the University of Zambia and also working on the IHME project Access, Bottlenecks, Costs, and Equity (ABCE) in Zambia. Dr. Masiye earned his Master of Science in Economics at the University of Zambia and his PhD in Economics from the University of Cape Town. He was a post-doctoral fellow at the Harvard University Initiative for Global Health.

FATIMA MARINHO
MD, PhD, Senior Adviser on Health Information and Analysis, Pan American Health Organization
Global and national Burden of Disease I Verbal autopsy
Dr. Marinho is a national of Brazil and obtained her degree in Medicine from the Federal University of Rio de Janeiro. She completed her medical residency, master’s degree, and doctorate in Epidemiology at the University of Sao Paulo. She worked at the University of Sao Paulo as a medical researcher and later served as Coordinator of Epidemiology Analysis and Vital Statistics at the Brazilian Ministry of Health. While there, she implemented a successful project for strengthening the vital statistics in Brazil. In 2008, she accepted an advisory postion at PAHO and relocated to Washington, DC.

LENE MIKKELSEN
PhD, CEO, LM Consulting
Strengthening vital registration in developing countries
Dr. Mikkelsen is CEO of LM Consulting, specializing in health information systems, civil registration, and vital statistics. She holds a PhD in Demography from the Australian National University and worked for 23 years with the United Nations in senior statistical and managerial roles. She served as a member of the technical advisory group of the Health Metrics Network and has been a senior consultant in vital statistics to the Health Information Systems Knowledge Hub at the University of Queensland since 2009. She has authored several publications in methods and approaches to strengthening vital registration systems and designed and implemented training courses in health information systems and the analysis of vital registration data. Dr. Mikkelsen is a member of the editorial board of the Australian Health Information Management Journal.
**ALI MOKDAD**  
PhD, Director of Middle Eastern Initiatives, Professor of Global Health, Institute for Health Metrics and Evaluation (IHME) and Department of Global Health, University of Washington  

*Risk factor burden*  
Prior to joining IHME, Dr. Mokdad worked at the Centers for Disease Control and Prevention, starting his career there in 1990. He served in numerous positions with the International Health Program; the Division of Nutrition and Physical Activity; the National Immunization Program; and the National Center for Chronic Diseases Prevention and Promotion, where he was Chief of the Behavioral Surveillance Branch. He received his BS in Biostatistics from the American University of Beirut and his PhD in Quantitative Epidemiology from Emory University.

**YUKI MURAKAMI**  
MS, Health Economist/Policy Analyst, Organisation for Economic Co-operation and Development (OECD)  

*Health financing*  
Ms. Murakami is Health Economist/Policy Analyst at the OECD in Paris, France. She conducts comparative policy research on the performance of health and long-term care systems. Her recent focus has been on global health financing issues. Before joining the OECD, she worked as a human development economist focused on the Latin America and Caribbean region at the World Bank in Washington, DC, and Brasilia, Brazil. She graduated from Harvard School of Public Health and the University of Texas.

**CHRISTOPHER J.L. MURRAY**  
MD, DPhil, Institute Director, Institute for Health Metrics and Evaluation (IHME), University of Washington  
Professor of Global Health, Department of Global Health, University of Washington  

*Global and national Burden of Disease I  
Global Burden of Diseases, Injuries, and Risk Factors Study 2010: workshop on methods and key findings*  
Dr. Murray is a Professor of Global Health at the University of Washington and Institute Director of IHME. A physician and health economist, his work has led to the development of a range of new methods and empirical studies to strengthen the basis for population health measurement, measure the performance of public health and medical care systems, and assess the cost effectiveness of health technologies. Dr. Murray is a founder of the Global Burden of Disease (GBD) approach, a systematic effort to quantify the comparative magnitude of health loss due to diseases, injuries, and risk factors by age, sex, and geography over time. He led the collaborative of almost 500 researchers from 50 countries that produced the Global Burden of Diseases, Injuries, and Risk Factors Study 2010 (GBD 2010).

**ARINDAM NANDI**  
PhD, Fellow, Center for Disease Dynamics, Economics, and Policy  

*New directions in cost-effectiveness analysis*  
Dr. Nandi is a fellow at the Center for Disease Dynamics, Economics, and Policy (CDDEP), having joined as a post-doctoral scholar in 2010. His primary research interests are development economics, applied microeconomics, and health economics. His recent work has focused on the economics of gender in India, including sex-selective abortions, child health and education, and the impact of public policy. At CDDEP, he is currently involved in evaluating the economic benefits of various health interventions and policies in India and other developing countries under the Disease Control Priorities 3 project. His research also involves estimating the long-term effects of early childhood shocks and interventions on cognitive, educational, and labor market outcomes in developing country settings. In the past, he has worked with the World Bank on poverty reduction and economic management in India and with the newly founded University of California Global Health Institute. He received his PhD in Economics from University of California, Riverside.

**FRANCIS OBARÉ**  
PhD, Associate, Population Council Reproductive Health Program  

*Impact evaluations*  
Francis Obare, PhD, is an Associate with the Population Council’s Reproductive Health Program based in Nairobi, Kenya. His research interests include sexual and reproductive health, adolescent health, inequalities in access to maternal and child health services, health care financing, and HIV/AIDS with a specific focus on sub-Saharan Africa. His research experience spans a number of countries in Eastern and Southern Africa including Kenya, Malawi, and Uganda. He has published a number of articles in various scientific journals.
**Katrina Ortblad**  
BA, Post-Bachelor Fellow, Institute for Health Metrics and Evaluation (IHME), University of Washington  
**Metrics for the post-2015 era**  
Ms. Ortblad is in her third year of the Post-Bachelor Fellowship at IHME and is an MPH candidate in the Department of Global Health at the University of Washington. Her primary focus at IHME is generating estimates of HIV/AIDS and tuberculosis burden for the Global Burden of Disease (GBD) study. As part of this work, she collaborates with other organizations, such as UNAIDS and the World Health Organization, and more recently has begun working on methods to empirically translate the findings of GBD 2010 into policy relevant information. Ms. Ortblad earned her BA in Human Biology and Environmental Studies from Dartmouth College in 2010 and is currently a Master of Public Health candidate at the University of Washington.

**Mead Over**  
PhD, Senior Fellow, Center for Global Development  
**Cost of care**  
Dr. Over is a senior fellow at the Center for Global Development researching economics of efficient, effective, and cost effective health interventions in developing countries. Much of his work since 1987, first at the World Bank and now at the CGD, is on the economics of the AIDS epidemic. His most recent book is *Achieving an AIDS Transition: Preventing Infections to Sustain Treatment* (2011) in which he offers options for donors, recipients, activists, and other participants in the fight against HIV, to reverse the trend of the epidemic through better prevention.

**Angela Parcesepe**  
MPH, MSW, Doctoral Student, Gillings School of Global Public Health, University of North Carolina at Chapel Hill; Research Fellow, MEASURE Evaluation Project  
**Measuring child mortality and causes of death**  
Ms. Parcesepe is a doctoral student at the Gillings School of Global Public Health at the University of North Carolina at Chapel Hill and a research fellow for the MEASURE Evaluation Project, implemented by the Carolina Population Center at the University of North Carolina at Chapel Hill in partnership with Futures Group International, ICF Macro, John Snow, Inc., Management Sciences for Health, and Tulane University. She received her MPH and MSW from Columbia University.

**Collin Payne**  
MA, PhD candidate, Demography, University of Pennsylvania Population Studies Center  
**Global and national Burden of Disease III**  
Mr. Payne’s substantive research centers on mortality and health expectancies in the United States, sub-Saharan Africa, and Latin America. He is interested in processes of aging and disability in low-income contexts, the effects of HIV on population-level health, and the contribution of social and sexual networks to health. Methodologically, his interests are in formal demography of life expectancy, multilevel modeling, and multistate life table methodology. He completed his undergraduate studies at the University of Wisconsin in 2008 and received a MA in Demography from the University of Pennsylvania in 2011.

**Amber Peterman**  
PhD, Assistant Research Professor, Department of Public Policy, University of North Carolina at Chapel Hill  
**Impact evaluations**  
Dr. Peterman’s research focuses on population and development outcomes, maternal and reproductive health, and gender-based violence, with a focus on Africa. Previously, she was a research fellow in the Poverty, Health, and Nutrition Division of the International Food Policy Research Institute (IFPRI) based in Dakar, Kampala, and Washington, DC, where she also completed her post-doctoral fellowship. Amber has lived and conducted large-scale household surveys in over a dozen countries in Africa, South and Latin America, the Middle East, and Asia.

**Hannah Peterson**  
BS, Post-Bachelor Fellow, Institute for Health Metrics and Evaluation (IHME), University of Washington  
**DisMod MR workshop**  
Ms. Peterson is a Post-Bachelor Fellow at IHME where she researches computational algorithms for population health measurement. Her other interests include biomedical engineering, particularly early disease detection and diagnostic devices. Prior to joining IHME Ms. Peterson researched microfluidic technologies as an intern at IBM Research in Zurich. She graduated from Rensselaer Polytechnic Institute with her BS in Physics and will pursue her PhD in Biomedical Engineering at Boston University in 2013.
Mr. Phillips is a research associate at IHME and is currently pursuing a PhD in Global Health Metrics and Implementation Science from the University of Washington. With a background in data analysis, he works with vital registration of verbal autopsy data sources in a variety of capacities including mortality estimation, machine learning, and data quality assessment.

Dr. Pillay-van Wyk has expertise in infectious disease epidemiology, particularly HIV/AIDS and burden of disease. She has worked in the area of HIV surveillance at the Human Sciences Research Council in South Africa for over four years and has undertaken two National Household Surveys in HIV for South Africa, in 2005 as part of the analysis team, and in 2008 as Co-Scientific Director. Prior to that, she worked at the Red Cross Children’s Hospital as a Research Fellow where she conducted research on pediatric diarrhea, including a subanalysis of HIV-related diarrhea. She is currently working at the South African Medical Research Council in the Burden of Disease Research Unit where she is coordinating the second National Burden of Disease Study.

Dr. Pratiwi graduated from the faculty of Medicine program at Pembangunan National "Veteran" Jakarta University in Indonesia in 2007, and the school’s Professional Program in 2010. She has worked since 2012 as a researcher at the Center for Community Empowerment, Health Policy, and Humanities within the National Institute of Health Research and Development in Indonesia.

Dr. Rampatige is a public health specialist and epidemiologist with experience in improving Health Information Systems in developing country settings. Her current areas of interests involve assessments of civil and vital registration systems in various country settings, improving causes of death reported from countries including medical record reviews, and teaching doctors on international standard guidelines on death certification practices. She has been instrumental in changing the death certificates of several countries to conform with international standards. Dr. Rampatige also has research experience in the area of verbal autopsy. Currently, she is part of the research team piloting a shorter version of the Verbal Autopsy Questionnaire using automated methods.
BHARAT RANDIVE
MA, Doctoral Researcher, Umea University
*Measuring effective coverage of interventions*

Mr. Randive is a physician from India and is currently a doctoral researcher at Umea University in Sweden. His thesis is on the conditional cash transfer program in India. He currently works on the EU FP7 project MATIND, which is an evaluation of demand-side financing for reducing maternal mortality in India. He has experience in health program evaluation, and his research interests are in health policy and health financing.

SLAWA ROKICKI
MS, Doctoral student, Harvard University
*Impact evaluations*

Ms. Rokicki is a doctoral student in Evaluative Sciences and Statistics at Harvard University. She holds a Master of Science in Global Health and Population from the Harvard School of Public Health and a Bachelor of Science in Mathematics from the University of Maryland. Ms. Rokicki was a Peace Corps Volunteer from 2005 to 2007, teaching math in a rural village in Guinea, West Africa. She is the principal investigator of an ongoing randomized controlled trial in Ghana, evaluating the use of text messages to improve knowledge and communication of reproductive health issues among adolescents.

LORENZO SABATELLI
PhD, Founder and Principal Scientist, GLOB MOD
*New directions in cost-effectiveness analysis*

Lorenzo Sabatelli is an expert in modeling and simulation of policies, programs, and technologies aimed at preventing, diagnosing, and treating diseases. He is founder of and principal scientist at GLOB MOD, a newly created research consultancy that designs and simulates strategies and tools to address global health and environmental challenges. He previously held positions at the London School of Hygiene & Tropical Medicine, the Fred Hutchinson Cancer Research Center, the Institute for Health Metrics and Evaluation, and the European Centre for Disease Prevention and Control.

KARAMPREET SACHATEP
PhD candidate, Johns Hopkins School of Public Health
*New directions in cost-effectiveness analysis*

Ms. Sachathep is a PhD candidate at the Johns Hopkins School of Public Health. She is in the Department of Population, Family and Reproductive Health with a certificate in Health Economics. She is working with the Population Council on her dissertation, which consists of a series of equity and econometric evaluations of the reproductive health voucher program in Kenya.

JOSHUA SALOMON
PhD, Professor of Global Health, Harvard School of Public Health
*New directions in cost-effectiveness analysis; Disability weights measurement workshop*

Dr. Salomon is trained in health policy and decision science, and his work focuses on priority setting for global health within three main substantive areas: (1) measurement and valuation of health outcomes; (2) modeling of patterns and trends in major causes of global mortality and disease burden; and (3) evaluation of health policies and interventions.

JOHN SALVATIER
Data Scientist and Software Development Engineer, Amazon
*DisMod-MR workshop*

Mr. Salvatier is an experienced software developer working at Amazon as a Data Scientist and Software Development Engineer. He has applied his expertise to high-frequency algorithmic bond trading, Bayesian statistical software, and chemical engineering. His new projects revolve around statistical software and functional programming, especially efficient parallel algorithms for large-scale statistical inference. His open source work with PyMC aims to popularize powerful algorithms for Bayesian statistics, such as Hamiltonian Monte Carlo, by making them simple for anyone to apply.

DONALD SCHOPFLOCHER
PhD, Associate Professor, University of Alberta
*Global and national Burden of Disease IV*

Dr. Schopflocher is a statistician-methodologist specializing in population health and public health surveillance. Trained as a research psychologist focusing on personality and psychological measurement, he obtained a PhD from the University of Alberta in 1993. Starting in 1995, he worked as a biostatistician for the Alberta Ministry of Health and Wellness. In 2006, he became Director of Research at the Institute of Health Economics. He is currently Associate Professor at the University of Alberta, jointly appointed to the Centre for Health Promotion, School of Public Health and to the Faculty of Nursing.
PETER SERINA
BS, Post-Bachelor Fellow, Institute for Health Metrics and Evaluation (IHME), University of Washington

Verbal autopsy
Mr. Serina is a Post-Bachelor Fellow at IHME. He graduated in 2010 with a bachelor’s degree in biology from Colby College in Maine. As a member of the Verbal Autopsy research team at IHME, Mr. Serina has worked on refining analytical methods to determine cause of death using verbal autopsy data, developing a computerized verbal autopsy survey instrument, and supporting the application of verbal autopsy methods with IHME’s collaborators.

KENJI SHIBUYA
MD, DrPH, Professor of Global Health Policy, University of Tokyo Graduate School of Medicine

Global and national Burden of Disease II
Dr. Shibuya obtained his MD at the University of Tokyo in 1991 and started his career at Teikyo University’s Ichihara Hospital in Chiba, Japan. He has been a research fellow at the Harvard Center for Population and Development Studies and worked in Cambodia and Rwanda. In 1999, Dr. Shibuya earned a Doctorate of Public Health in International Health Economics at Harvard University. After teaching at Teikyo University in Tokyo, he joined the World Health Organization’s Global Programme on Evidence for Health Policy in 2001 and was coordinator for the Health Statistics and Evidence Unit from 2005 until 2008. He has published widely on mortality, causes of death, burden of disease, risk factors, cost effectiveness, priority settings, and health system performance assessment. He is currently a core member of the Global Burden of Disease Study 2010 and an advisory committee member for WHO health statistics.

PETER SPEYER
MBE, MBA, Director of Data Development, Institute for Health Metrics and Evaluation (IHME), University of Washington

Data visualization workshop
Mr. Speyer is Director of Data Development at IHME. He oversees the areas of data seeking, management, sharing, and visualization. He managed the development and implementation of the Global Health Data Exchange (GHDx), IHME’s public catalog and repository of health-related data, as well as the development of innovative GIS and visualization tools and platforms. Prior to joining IHME, Mr. Speyer spent most of his career in strategy and product management positions in the media industry. He holds an MBA from Temple University in Philadelphia and a Master of Business and Engineering (MBE) from the University of Karlsruhe, Germany.

ANDREA STEWART
BA, Post-Bachelor Fellow, Institute for Health Metrics and Evaluation (IHME), University of Washington

Verbal autopsy
Ms. Stewart is a Post-Bachelor Fellow at IHME, where she works on the Verbal Autopsy research team. Her work involves employing IHME’s automated verbal autopsy analysis methods to analyze verbal autopsy data from all over the world. She received her bachelor’s degree in Mathematics and Community Health in 2012 from Tufts University in Medford, MA.

CÉLIA LANDMANN SZWARCWALD
PhD, Professor, national School of Public Health; Senior researcher, Institute of Scientific and Technologic Information, Oswaldo Cruz foundation

Measuring child mortality and causes of death
Dr. Szwarcwald holds a bachelor’s degree in Mathematics from Catholic University, Rio de Janeiro; a Master of Arts in Mathematics and Statistics from the University of Rochester, NY; a PhD in Public Health from the National School of Public Health, Rio de Janeiro, Brazil; and has performed post-doctoral research in Spatial Analysis at Southern Methodist University, TX. Her main research areas are biostatistics and health information, and she has published more than 100 papers in the specialized literature. Dr. Szwarcwald also coordinates the Brazilian Health Survey.

STEIN EMIL VOLLSET
MD, DrPH, Senior Researcher, Norwegian Institute of Public Health, Professor, University of Bergen

Global and national Burden of Disease IV
Dr. Vollset is a Senior Researcher at the Norwegian Institute of Public Health with responsibilities that include developing a Norwegian Burden of Disease Project and advising the National Health Registries Project. He is a professor in the Department of Global Public Health and Primary Care at the University of Bergen, Norway. He has worked with Norwegian and European cohort and health registries data with particular emphasis on homocysteine, B-vitamins, and lifestyle factors, and has served as director of the Medical Birth Registry of Norway. Recently, his research has included work with Norwegian cause of death data and comparative mortality studies.
THEO VOS
PhD, Professor of Global Health, Institute for Health Metrics and Evaluation (IHME) and Department of Global Health, University of Washington

Disability weights measurement workshop
Global and national Burden of Disease IV

Dr. Vos is Professor of Global Health at IHME at the University of Washington. He is a key member of the Global Burden of Disease (GBD) research team, and is working to improve the GBD methods, update sources of data, and develop partnerships with countries to produce GBD estimates that are most relevant to policy decision-making. Before coming to IHME, Dr. Vos was the Director of the Centre for Burden of Disease and Cost-Effectiveness at the University of Queensland and part of the core team leading the update of the Global Burden of Disease study.

HAIDONG WANG
PhD, Assistant Professor of Global Health, Institute for Health Metrics and Evaluation (IHME) and Department of Global Health, University of Washington

Global Burden of Diseases, Injuries, and Risk Factors Study 2010: workshop on methods and key findings

Dr. Wang is an Assistant Professor of Global Health at IHME at the University of Washington. A specialist in demography, he works on mortality estimation and projection for the Global Burden of Disease, Injuries, and Risk Factors Study 2010 (GBD 2010). He is leading the work on building a new model life table system that is one of the foundational pieces for GBD 2010. Before joining the faculty at IHME, Dr. Wang was an IHME Post-Graduate Fellow. He received his PhD in Demography from the Population Studies Center at University of Pennsylvania.

MARCIA WEAVER
PhD, Research Associate Professor, International Training and Education Center for Health (I-TECH), University of Washington

Impact evaluations

Dr. Weaver is a Research Associate Professor with I-TECH in the Department of Global Health at the University of Washington. She is an economist who specializes in cost effectiveness analysis and outcomes research. Since 2004, Dr. Weaver has been privileged to work with Accordia Global Health Foundation and the Infectious Diseases Institute in Uganda on the evaluation of training programs, such as the Integrated Infectious Disease Capacity-Building Evaluation and the team-based Joint Uganda Malaria Training Program. She has worked or traveled in 20 African countries and served as a long-term advisor on health system reform to ministries of health in Central African Republic and Niger.

NICK WILSON
MBChB, DIIH, MPH, Associate Professor, Department of Public Health, University of Otago

Risk factor burden

Dr. Wilson is an Associate Professor in the Department of Public Health at the University of Otago, Wellington, New Zealand. He trained as a public health physician and has mainly worked in the area of tobacco use epidemiology and control. Now his work focuses more on the health economics of preventive interventions in public health as part of a program of work around building health economic modeling capacity in New Zealand, known as the Burden of Disease Epidemiology, Equity and Cost-Effectiveness (BODE³) Programme.

MICHAEL WOLFSON
BSc, PhD, Canada Research Chair in Population Health Modeling/Populomics, University of Ottawa

Global and national Burden of Disease IV

Dr. Wolfson is currently Canada Research Chair in Population Health Modeling/Populomics at the University of Ottawa, after serving as Assistant Chief Statistician, Analysis and Development, at Statistics Canada, and holding earlier positions in the Department of Finance, Privy Council Office, House of Commons, and the Deputy Prime Minister’s Office. Dr. Wolfson’s areas of expertise include program review and evaluation, tax/transfer policy, design of health information systems, microsimulation modeling of socioeconomic policy and health dynamics, and analysis of the determinants of health. He earned his BSc in Mathematics, Computer Science, and Economics at the University of Toronto and his PhD in Economics from Cambridge University.

SARAH WULF
PhD candidate, Department of Global Health, University of Washington

Global Burden of Diseases, Injuries, and Risk Factors Study 2010: workshop on methods and key findings

Ms. Wulf is a PhD candidate in Global Health Metrics and Implementation Science at the Department of Global Health at the University of Washington and a research associate at IHME. Her research experience includes data analysis of the mortality and morbidity of several key diseases and conditions in the GBD 2010 study, as well as health facility data quality assessment for the Salud Mesoamerica 2015 project, a results-based financing initiative to improve maternal and child health services in Central America. For her doctoral dissertation, Ms. Wulf is exploring the subnational burden of disease in Indonesia.
DIWAKAR YADAV
PhD, Technical Officer, FHI 360

Measuring effective coverage of interventions

Dr. Yadav graduated from the Department of Social Work of the University of Lucknow, Uttar Pradesh, India in 2004 with a master's degree in Population Education and Rural Development. He completed an advanced master's degree (2005) and PhD (2012) in Population Studies from the International Institute for Population Sciences in Mumbai, India. The title of his thesis was "A study of synergies between maternal-child health and family planning services utilization in rural Uttar Pradesh." Since May 2012, he has been working as a technical officer in the monitoring and development department at FHI 360 in New Delhi, India. His main fields of scientific interest include demography, maternal and child health, family planning, HIV/AIDS, program/impact evaluation, and applied econometrics.
Farshad Farzadfar, Goodarz Danaei, Hengameh Namdaritabar, Julie Knoll Rajaratnam, Jacob R Marcus, Ardeshr Khosravi, Siamak Alikhani, Christopher JL Murray, Majid Ezzati
National and subnational mortality effects of metabolic risk factors and smoking in Iran: a comparative risk assessment

Rajatashuvra Adhikary, Abhishek Gautam, Mandal Mainkar
Changes in the size of high-risk populations in India: results from two rounds of size estimations

Andrew J Tatem, Andrea E Gaughan, Forrest R Stevens, Nirav N Patel, Peng Jia, Aman Pandey, Catherine Linard
Quantifying the effects of using detailed spatial demographic data on health metrics: a systematic analysis for the AfriPop, AsiaPop, and AmeriPop projects

Messay Degife, Getu Degu, Mesafint Molla
Assessment of incidence and predictors of pregnancy among patients on antiretroviral therapy (ART) and pre-ART: a retrospective cohort study

Casey M Graves, Benjamin PC Brooks, Joseph L Dieleman, Joseph F Frostad, Annie Haakenstad, Rouselle Lavado, Katherine Leach-Kemon, Annette Tardif, Christopher JL Murray, Michael Hanlon
Financing global health 2012: describing the sources and recipients of development assistance for health

David Contreras-Loya, Arturo Reding-Bernal, Octavio Gómez-Dantés
Evaluation of a comprehensive model for the treatment of hypertension, diabetes, and obesity in Mexico: a retrospective longitudinal study

George I Eluwa, Sylvia Adebajo, Jean Njab, Ayo Oginni, Babatunde Ahonsi
Evaluating the impact of three HIV counseling and testing strategies on male most-at-risk-population in Nigeria; a segmented regression analysis

Lasantha K Hirimuthugoda, Sunil P K Wathudura, Hemachandra Edirimanna, Thushari K Vithanage, Pubudu A de Silva
Experimental design: impact of an intervention to improve clinic attendance of patients with non-communicable diseases through telephone follow-up

Health care accessibility in seven countries of Eastern Europe – a multinomial logit study of individual unmet medical needs

Parvathy S Raman, Dileep Mavalankar, Veena Iyer, Kristi Sydney, Rajesh Mehta, K Vora
Impact of a public-private performance based financing partnership on the proportion of C-section deliveries: a cross-sectional study

Arie H Havelaar, Martijn Bouwknecht, Juanita A Haagsma, Marie-Josée J. Mangen, Linda P B Verhoef, Ingrid H M Friesema, Laetitia M Kortbeek, Wilfrid van Pelt
Trends in the burden of foodborne disease in the Netherlands, 2006-2011: a systematic analysis

Ya-Mei Chen, Wan-Yu Lin, Chang-Chuan Chan
The impact of petrochemical industrialization on health: an 11-year longitudinal study

Gregory S Kabadi, Henry Mwanyika, Don de Savigny
Innovations in monitoring vital events: a scalable intervention using mobile phone messaging (SMS) support for vital registration coverage

Anagaw Derseh Mebratie, Robert Sparrow, Zelalem Yilma Debebe, Degnet Abebaw, Getnet Alemu, Arjun Bedi
Impact of Ethiopian pilot CBHI scheme on health care utilization: a household panel data analysis
Fallon Horstmann, Alan D Lopez
Strengthening vital registration and vital statistics: a standards-based toolkit

Kaushalendra Kumar, Faujdar Ram, Abhishek Singh
The production and costs of health service across four African countries: Ghana, Kenya, Uganda and Zambia

Christian Díaz de León, Carlos E Pinzón, Armando Arredondo
Cost effectiveness analysis of oral drug treatment for non-obese outpatients diagnosed with type-2 diabetes: a probabilistic sensitivity analysis

Galina E Besstremyannaya, Dmitry A Shapiro
Heterogeneous effect of per diem prospective payment system on hospitals’ volume and quality

Bernardo L Queiroz, Everton C Lima, Flávio H Freire, Marcos R Gonzaga
Adult mortality estimates for small areas in Brazil, 1980-2010: a methodological approach

Marie Ng, Parvathy Shanker-Raman, Rajesh Mehta, Ayesha De Costa, Dileep Mavalankar
Initial results on the impact of Chirangeevi Yojana: a public-private partnership program for maternal health in Gujarat, India

Kenneth Mugisha, Barzghina Semo, Jenny Ledikwe, Ronald Tulani Ncube, Jacqueline Firth, Tom Achoki, Thomas Lere, Gape Machao, Frank Mwangemi, Panganai Makadzange, Alice Mabreden, Thandi Katholo, Bonaparte Nkomo
Cohort analysis of treatment outcomes from facility and community-based tuberculosis care in Botswana: a cross sectional survey

Spencer L James, Rafael Lozano, Minerva Romero, Sara Gómez, Dolores Ramírez, Abraham Flaxman, Christopher JL Murray, Emmanuela Gakidou, Bernardo Hernandez
Can computers measure the chronic disease burden using survey questionnaires? The Symptomatic Diagnosis Study

Dietrich Plass, Marie-Josée J Mangen, Arie H Havelaar, Cheryl Gibbons, Juanita Haagsma, Beate Jahn, Taavi Lai, Alies van Lier, Silvia Longhi, Scott A McDonald, Alexander Kraemer, Piotr Kramarz, Alessandro Cassini, Mirjam E Kretzschmar
The incidence- and pathogen-based disability-adjusted life years (DALYs) approach for measuring infectious disease burden in Europe – the Burden of Communicable Diseases in Europe (BCoDE) project

I R Bandara, Samath D Dharmaratne
“Injury” death pattern in 2009 in the districts in Sri Lanka: a descriptive study

Linh N Bui, Nhung T T Nguyen, Long K Tran, Theo Vos, Rosana Norman, Huong T Nguyen
Risk factors of burden of disease: a comparative assessment study for evidence based health policy making in Vietnam

Soewarta Kosen
Measuring the effective coverage of the immunization program in Indonesia: using community-based surveys

Preeti Dhillon, Diwakar Yadav
Accessing the impact of maternal-child health services utilisation on contraceptive use in India

Ver Luanni F Bilano, Maridel P Borja, Eduardo L Cruz, Alvin G Tan, Lalaine L Morera, Paul Ferdinand M Reganit
Smoking-attributable burden of lung cancer in the Philippines: a comparative risk assessment

Apurvadan N Ratnu
Impact assessment of health inequalities: a comparison of five districts in India

Deepak Saxena, Santhi Nakkeeran, Ruchi Vangani, Dileep Mavalankar
Trends in institutional deliveries among disadvantaged groups and the impact of intervention in Gujarat: evidence from secondary data analysis

John S Noronha, Almamy M Kante, Ahmed I Hingora, James F Phillips
Geographical disparities of cause-specific under-five mortality in Rufiji District, Coastal Region, Tanzania: a longitudinal based study

Emmanuel W Kaindoa, Gustav B Mkandawile, Godfrey F Lingamba, Gerard F Killeen, Fredros O Okumu
Longitudinal surveillance of disease-transmitting mosquitoes in rural Tanzania: creating an entomological framework for evaluation
Isaias V Prestes, Lenildo de Moura, Bruce B Duncan, Maria I Schmidt
A national cohort of patients receiving publicly financed renal replacement therapy within the Brazilian Unified Health System

Emma U R Smith, Fiona Blyth, Damian Hoy, Marita Cross, Lidia Sanchez Riera, Rachelle Buchbinder, Richard Osborne, Anthony Woolf, Lyn March
Easing some burden for future Burden of Disease studies: lessons learnt from the Global Burden of Disease 2010 Study – the Musculoskeletal Expert Group’s point of view

Hendriek C Boshuizen, Coen H van Gool, Wilma J Nusselder
DYnA-MO-HIA-2: a tool to calculate the complete counterfactual disability-adjusted life years (DALYs) of risk factor exposure

Nina Pfeffer, Peter Filzmoser, Can Mert, Alexander Eisl, Andreas Goltz
Payment by episodes of care and co-morbidity in Austria: a cross-sectional analysis

Anuska Kalita and Shinjini Mondal
From significant differences to significant others: a mixed method evaluation of institutions within public systems

Miriam Diana Abagale, James Akazili, Pual Welaga, Maxwell Dalaba, Yin Luu, Samson A Abagale and Rexford Abraham Oduro
The effects of road traffic accidents on society: the case of the Kassena Nankana districts, Ghana: a quantitative survey

James Hargreaves, Calum Davey, Elizabeth Fearon, Shari Krishnaratne
Changes in HIV prevalence among socio-economic groups in eight African countries: Analysis of sequential cross-sectional surveys

Maya N Mascarenhas, Seth R Flaxman, Ties Boerma, Sheryl Vanderpoel, Colin D Mathers, Gretchen A Stevens
Trends in primary and secondary infertility prevalence since 1990: a systematic analysis of demographic and reproductive health surveys

Casie Tesfai, Ruwan Ratnayake, Mark Myatt
Measuring local determinants of acute malnutrition in Chad: a case-control study

Achala Upendra Jayatilleke, Samath D Dharmarathne, Achini C Jayatilleke
Seventy year trends of road traffic crashes, injuries, and fatalities in Sri Lanka: a systematic analysis

Mukesh K Dherani, Linda Turner, Fiona Johnstone, Tony Sharples, Dan Pope, Nigel G Bruce
Body Mass Index-related disease burden in northwest United Kingdom—Global Burden of Disease methods in a subnational cross-sectional study: opportunities and challenges

Nadine Steckling, Thomas Classen, Odile Mekel, Zita Schillmöller, Michael Schümann, André Conrad, Claudia Terschüren, Johan Popp, Gunnar Paetzelt, Reinhard Samson, Myriam Tobollik, Timothy McCall, Dirk Wintermeyer, Claudia Hornberg
Quantification of the health impact of environmental stressors in Germany for use in policy-making: results of the VegAS project

Nadine Steckling, Thomas Classen, Odile Mekel, Claudia Terschüren, Myriam Tobollik, Timothy McCall, Reinhard Samson, Claudia Hornberg
The feasibility of estimating the total environmental burden of disease due to cadmium: experiences of the VegAS project

Laura Smethurst, Zoe Fortune, Natalie Maplethorpe, Sophia Wilkinson, Anna Godfrey, Kavita Abraham-Dowsing
A longitudinal, cross-sectional study to assess the impact of media campaigns on maternal and newborn health behaviours and their drivers

Martha M Téllez-Rojo, Betty Manrique-Espinoza, Karla Moreno-Tamayo, Vanessa De la Cruz-Góngora, Gustavo Ángeles, Aarón Salinas-Rodríguez
Heterogeneous impact of the non-contributory pension program 70 y más on nutritional status of the elderly in rural Mexico: results

Glendon Diehl, Kezia Edmonson, Ebonee Ferguson, Kevin Riley
Measures of Effectiveness in Defense Engagement and Learning (MODEL): conceptual study design

Paul A Odundo, Dorothy Anjuri, Thomas Odhiambo
Impact of peer education on HIV/AIDS behaviour change among secondary school youths: a static group comparison analysis of a peer education project in Rachuonyo County, Kenya
Olufunke A Alaba, Lumbwe Chola
Prevalence of age-adjusted obesity in South Africa and the influence of social determinants: an ecological analysis

Katrina F Ortblad, Rafael Lozano, Christopher JL Murray
An alternative estimation of tuberculosis incidence from 1980-2010: methods from the Global Burden of Disease 2010

Elisabeth D Riviello, Samuel Finlayson, Woon Cho Kim, Theoneste Mwumvanze, Willy Kiviri, Sophie Reshamwalla, William Berry, Georges Ntakijiruta, Patrick Kyamanywa, Edmond Ntaganda, Theogene Twagirumugabe
Developing a conceptual and practical framework for outcomes measurement to support a quality improvement project in Rwanda

Joseph M Massaro, Joanne M Murabito, Rhoda Au, Emily Carnahan, Gregory R Kotzbauer, Julie P W Bynum, Eugene C Nelson, Stephen S Lim, Ralph B D’Agostino Sr
Validation of a new predictive risk model for mortality using Framingham Heart Study data

Igna Bonfrer, Robert Soeters, Ellen van de Poel, Olivier Basenya, Gashubijie Longin, Frank van de Looij, Eddy van Doorslaer
The effects of performance based financing on the use and quality of health care in Burundi: an impact evaluation

Herbert Duber, Jane Achan, Roy Burstein, Ruben Conner, Emily Dansereau, Brendan DeCenso, Anne Gasasira, Annie Haakenstad, Michael Hanlon, Gloria Ikilezi, Caroline Kisia, Santosh Kumar, Felix Maslye, Samuel Masters, Kelsey Moore, Chrispin Mphuka, Pamela Njuguna, Emdelda Okiro, Thomas Odeny, Emmanuela Gakidou
What affects patient outcomes? A retrospective cross-country analysis of facility performance in sub-Saharan Africa

Christine Hershey, Doreen Ali, Lia Florey, Adam Bennett, Misheck Luhanga, Jessica Oyugi, Yazoume Ye, Gomezgani Jenda, Carrie Nielsen, Rene Salgado, Don Mathanga, Achuyt Bhattacharai
Scale-up of household ITN ownership protects against malaria parasitemia, anemia, and all-cause mortality in children under five

Rebecca E Engell, Ella Sanman, Stephen S Lim, Darius Mozaффarian
Seafood omega-3 intake and risk of Coronary Heart Disease death: an updated meta-analysis with implications for attributable burden

David H Collins, Zina Jarrah, Katherine D Wright, Angela C Lee
The cost of integrated community health services for treating child pneumonia, diarrhea, and malaria in three African countries: economic research using systematic sampling

Ramiro Guerrero, Danny Moreano, Eric Barney, Marisol Badiel, Giovanna Miranda, Juan Guillermo Restrepo
Prospective cohort for estimating health expenditures at the disease level: the case of cancer in Colombia

Mayuko Takayama, Catherine W Gillespie, Ali H Mokdad
Health care access is a strong predictor of the uptake of influenza vaccination among pregnant women in the United States: a cross-sectional survey

Laura Anselmi, Quinhas F Fernandes, Kara Hanson, Mylene Lagarde
Accounting for geographic inequalities in the assessment of equity in healthcare: a benefit incidence analysis

Kathryn G Andrews, Peter Gething, Stephen S Lim, Michael Lynch, Richard Cibulskis
Is there preferential coverage for the most at-risk? A survey-based analysis of malaria vector control by endemicity level

Fatemeh Ardeshir Larijani, Mahboubeh Parsaeian, Seyed Mohammad Kalantar Motamedi, Ardeshir Khosravi, Farshad Farzadfar, Bagher Larijani
National trends in mortality attributable to metabolic risk factors in Iran

Elisabeth B Franca, Juan J Cortez Escalante, Carolina C Cunha, Otaliba Libanio de Morais Neto, Ana Maria Nogales Vasconcelos
Verbal autopsy evaluation in Brazil: a description and a case study assessment

Miriam Alvarado, Katherine T Lofgren
How can city planners improve health and reduce mortality in Alameda County, California? A cross-sectional analysis
Noah Kiwanuka, Bert Stover, Travis Lim, Fred Makumbi, Sam Luboga, Eddie Mukooyo, Angela S. Wood, Amy Hagopian, Nagesh Borse, Lianne Sheppard, Scott Barnhart
Did PEPFAR funding affect non-HIV health indicators? Longitudinal study of facility-based baby deliveries in Uganda, 2005-2010

Thomas Roberts, Emily Carnahan, Emmanuela Gakidou
Burden attributable to suboptimal breastfeeding: a cross-country analysis of country-specific trends and their relationship to child health inequalities

Hideki Higashi, Jan J Barendregt, Theo Vos
The burden of congenital anomalies amenable to surgeries in low- and middle-income countries

Roy Burstein, Emily A Dansereau, Ruben O Conner, Brendan M DeCenso, Kristen P Delwiche, Anne Gasasira, Annie M Haakenstad, Samuel H Masters, Kelsey A Moore, Thomas Odeny, Emelda A Okiro, Erin Palmisano, Allen Roberts, Santosh Kumar, Michael Hanlon, Herbert C Duber, Emmanuela Gakidou
Assessing vaccine cold chain storage quality: a cross-sectional study of health facilities in three African countries

Nicholas J Kassebaum, David Weatherall, Mohsen Naghavi, Christopher JL Murray
A systematic global analysis of death and disability due to hemoglobinopathies and hemolytic anemias between 1990 and 2010

Austin E Schumacher, Haidong Wang, Alan D Lopez, Christopher JL Murray
Divergent trends in adult and elderly mortality for 21 regions and 187 countries, by sex, from 1970 to 2010: A systematic analysis

Sarah K Wulf, Nicole Johns, Rafael Lozano
Nonfatal burden of maternal conditions: country-level results from the GBD 2010 study

Dan Poenaru, Julia Pemberton, Claudia Frankfurter, Brian Cameron
Establishing disability weights for congenital pediatric surgical disease: a cross-sectional, multi-modal study

Nicole E Johns, Rafael Lozano, Sarah Wulf
What’s killing mothers and what’s killing women? Contextualizing maternal conditions in the post-MDG era

Nicole E Johns, Roderick J Hay, Sarah Wulf, Mohsen Naghavi
The global burden of skin disease: lesions learned

Pam Groenewald, Tracey Naledi, Johan Daniels, Lesley Shand, Ian Neethling, Marcel Berteler, Manshil Misra, Charlene Jacobs, William Msimburi, Richard Matzopoulos, Debbie Bradshaw
Strengthening local level cause of death surveillance: a case study of Western Cape Province, South Africa

Katherine Leach-Kemon, Alan D Lopez, Rafael Lozano, Mohsen Naghavi, Theo Vos, Peter Speyer, Abigail McLain, Christopher JL Murray
Filling gaps in all-cause and cause-specific mortality and disability data are essential for improving Global Burden of Disease estimation: descriptive study of missing data by country and region

Jorge Escobedo, Gabriela Rodríguez-Abrego, Juan Aranda, Beatriz Zurita, Teresita Ramirez, Joaquin Herrera
Disability-adjusted life years (DALYs) for diabetes in Mexico in 2005: a cross-sectional burden of disease analysis

Charles Atkinson, Rafael Lozano, Mohsen Naghavi, Theo Vos, Harvey Whiteford, Christopher JL Murray
The burden of mental disorders in the United States: new tools for comparative analysis of health outcomes between countries

Santosh Kumar, Nishith Prakash
Impact of the Village Health and Sanitation Committee on health care utilization: findings from Propensity Score Matching in India

Juthamat Kunnatham, Nuttapat Makka, Suchunya Aungkulanon, Chakvida Amornvisaisordej, Kanitta Bundhamcharoen
A comparative risk assessment of health burden attributable to modifiable risk factors in Thailand, 2009: a systematic analysis

Martijn Bouwknegt, Wilfrid van Pelt, Marlies Kubbinga, Marjolein Weda, Arie H Havelaar
Recent increase in campylobacteriosis incidence in the Netherlands associated with proton-pump inhibitor use
Validation of a new predictive risk model: measuring the impact of major modifiable risks of death for patients and populations

Ravi Prakash, Shajy Isac, Parinita Bhattacharjee, BM Ramesh, Stephen Moses
Assessing the impact of intensive programme utilisation on HIV and sexually transmitted infection prevalence among a high-risk population in urban settings of Karnataka: evidence from three cross-sectional surveys, 2005-2012

Dipty Nawal, TV Sekher, Srinivas Goli
Decomposing the socio-economic inequality in utilization of maternal health care services in selected Asian and Sub-Saharan Africa countries

Wenjuan Wang, Rathavuth Hong
The continuum of care for maternal and newborn health in Cambodia: where are the gaps and why?

Michael J. Boivin, Maclean Vokhiwa, Jed G Magen
The correspondence validity of Malawian preschool developmental assessment and school-age neurocognitive performance in the longitudinal assessment of severe malaria

Ajay Mahal, Karuna Krishnaswamy, Rupalee Ruchismita, B Girish Babu
What is a health card worth? A randomized controlled trial of an outpatient health insurance product in rural India
Sights within walking distance of The Westin Seattle

**PIKE PLACE PUBLIC MARKET:**
A working seafood and fresh produce market and one of Seattle’s signature sights. You’ll find restaurants, arts and crafts vendors, street musicians, and more. Free.

**SEATTLE SPACE NEEDLE:**
This 605-foot-tall Seattle landmark offers spectacular views (on a clear day). A trip to the top costs $19 for adults.

**THE SEATTLE ART MUSEUM:**
A notable collection of Native American and Asian art plus special exhibits. Tickets start at $17 for adults, not including admission to special exhibits.

**OLYMPIC SCULPTURE PARK:**
A nine-acre park on Seattle’s waterfront featuring an array of outdoor sculptures. Free.

**SEATTLE AQUARIUM:**
Explore Puget Sound’s waters and wildlife. Tickets start at $19.95 for adults.

**EXPERIENCE MUSIC PROJECT:**
Learn about the electric guitar, Jimi Hendrix, and the history of rock and roll. Tickets start at $15 for adults.

**PACIFIC SCIENCE CENTER:**
Six acres of hands-on science, including two IMAX theaters and the Tropical Butterfly House. Tickets start at $16 for adults.

**CHIHULY GARDEN AND GLASS:**
Consisting of an exhibition hall, the centerpiece Glasshouse, and a lush garden, Chihuly Garden and Glass provides a look at the inspiration and influences that inform the career of artist Dale Chihuly. Tickets start at $19 for adults.

**FERRY RIDE:**
Take a 30-minute ferry trip across Elliott Bay to Bainbridge Island to enjoy city and water views. $7.70 for an adult walk-on fare.

**PIONEER SQUARE:**
This historic Seattle neighborhood offers an eclectic mix of clubs, coffee shops, and art galleries. Free.

**SEATTLE GREAT WHEEL:**
Providing excellent views of Seattle, the Seattle Great Wheel is the largest observation wheel on the west coast. Tickets start at $13 for adults.

*See map on reverse.*
EXHIBITORS

DatStat
Institute for Health Metrics and Evaluation
MEASURE Evaluation
Minnesota Population Center
Population Health Metrics
Routine Health Information Network
University of Washington Department of Global Health
Washington Global Health Alliance