

DEAN'S SYMPOSIUM

THE ROLE OF PHARMACEUTICALS IN PUBLIC HEALTH

ACCESS TO ESSENTIAL MEDICINES AS A KEY DETERMINANT TO
UNIVERSAL HEALTH COVERAGE

September 15, 2016

Instructional Building, 72 East Concord Street, Hiebert Lounge, Boston, MA



EVENT OVERVIEW

THE ROLE OF PHARMACEUTICALS IN PUBLIC HEALTH: ACCESS TO ESSENTIAL MEDICINES AS A KEY DETERMINANT TO UNIVERSAL HEALTH COVERAGE

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Instructional Building, 72 East Concord Street,
Hiebert Lounge, Boston, MA

What is the role of pharmaceuticals in a prevention and public health agenda? The symposium will explore this question by engaging public and private sector actors.

#BUSPHSymposia #BUSPH40

Live-streaming available at www.bu.edu/sph/live

AGENDA

9 a.m. – 9:30 a.m.

Breakfast and Informal Greetings

9:30 a.m. – 9:35 a.m.

Welcome and Opening Remarks

Sandro Galea, Dean and Robert A. Knox Professor, Boston University School of Public Health

UNIVERSAL ACCESS AND PRICE AND AVAILABILITY: ENSURING ACCESS TO LIFE-SAVING MEDICINES GLOBALLY

9:35 a.m. – 9:45 a.m.

Richard Laing, Professor, Global Health, Boston University School of Public Health

9:45 a.m. – 10:30 a.m.

The Role and Responsibility of the Pharmaceutical Industry in the Prevention, Treatment, and Cure of Public Health Priority Diseases Globally

Stefan J. Oschmann, CEO and Chairman of the Executive Board, Merck KGaA, Darmstadt, Germany

10:30 a.m. – 10:45 a.m.

Break

10:45 a.m. – noon

Panel Discussion

Peter Maybarduk, Director, Access to Medicines and Knowledge Economy Group at Public Citizen, Washington, DC

Margaret Ewen, Coordinator, Global Projects (Pricing), Health Action International, Netherlands

Vin Sharma, Senior Director of Business Planning and Program/ Alliance Management at Alnylam Pharmaceuticals, Boston, MA

noon – 1 p.m.

Lunch

HEALTH REFORM, UNIVERSAL HEALTH COVERAGE, AND ACCESS TO MEDICINES

1 p.m. – 1:10 p.m.

Jonathan D. Quick, President and Chief Executive Officer, Management Sciences for Health, Boston, MA

1:10 p.m. – 1:30 p.m.

Olusoji O. Adeyi, Director, Health, Nutrition, and Population Global Practice, World Bank Group, Washington, DC

1:30 p.m. – 2:45 p.m.

Panel Discussion

Ye Lu, Professor and Director of Health Economics, School of Public Health, Fudan University, Shanghai, China

Veronika J. Wirtz, Associate Professor, Global Health, Boston University School of Public Health

Pius Tih, Director, Cameroon Baptist Convention Health Services, Cameroon

2:45 p.m. – 3 p.m.

Break

PHARMACEUTICAL PUBLIC HEALTH: THE BUSPH VISION

3 p.m. – 3:10 p.m.

Erin Hasselberg, Director, Pharmaceuticals Certificate Program and Adjunct Clinical Assistant Professor, Global Health, Boston University School of Public Health

3:10 p.m. – 3:30 p.m.

Overview of Pharmaceutical Public Health

Richard Laing, Professor, Global Health, Boston University School of Public Health

3:30 p.m. – 4:15 p.m.

Comments and Discussion

All speakers and panelists

4:15 p.m. – 4:30 p.m.

Concluding Remarks

Sandro Galea, Dean and Robert A. Knox Professor, Boston University School of Public Health

4:30 p.m. – 5:30 p.m.

Reception

SPEAKERS



OLUSOJI O. ADEYI

**Director, Health, Nutrition,
and Population Global
Practice, World Bank
Group, Washington, DC**

Olusoji O. Adeyi is the director of the Health, Nutrition, and Population Global Practice at the World Bank Group. He has served as the World Bank's sector manager for health, nutrition, and population in Eastern and Southern Africa, with responsibilities for the institution's support for policies, strategies, and programs in the region. Adeyi was founding director of the Affordable Medicines Facility-malaria (AMFm) at the Global Fund to Fight AIDS, Tuberculosis, and Malaria. Formerly coordinator of public health programs at the World Bank, Adeyi led a number of initiatives on global public health policies and strategies, as well as analyses of the integration of health systems and health interventions. Adeyi has extensive experience in policies, strategies, and programs for health systems, service delivery, and disease control at the global, regional, and country levels in Africa, Eastern Europe, and Central Asia. He has also had responsibilities with the Federal Ministry of Health in Nigeria, the World Health Organization, UNAIDS, and the Harvard T.H. Chan School of Public Health. He has authored research papers and books on service delivery, quality of care, maternal health, health financing, HIV/AIDS, tuberculosis, malaria, and chronic non-communicable diseases.



MARGARET EWEN

**Coordinator, Global Projects
(Pricing), Health Action
International, Netherlands**

Margaret Ewen is a New Zealander, a pharmacist (currently completing a PhD at Vrije Universiteit Amsterdam), and for the last 15 years has worked at Health Action International (HAI) in Amsterdam.

Since 2001, Ewen has co-coordinated the WHO/HAI Project on Medicine Prices and Availability and provided technical assistance to more than 100 surveys, in all regions of the world, that have used the WHO/HAI survey tool. She developed the WHO/HAI price database, which continues to be updated as new surveys are completed. Ewen also coordinated the development of a series of pricing policy reviews and has worked with a number of governments to develop policies to improve medicine availability and affordability. More recently, Ewen developed a tool for comparing the price and availability of locally produced and imported medicines.

Ewen is currently working on a study titled “Addressing the Challenges and Constraints on Insulin Sources and Supply (ACCISS)” with Boston University School of Public Health Professor Richard Laing and David Beran (University of Geneva), as well as a large group of international experts, including BUSPH's Veronika Wirtz and Warren Kaplan, to improve access to insulin.

Ewen is also interested in drug promotion, and in 2002–2003 led a campaign in Europe against relaxing the ban on direct-to-consumer advertising of prescription medicines.

Prior to joining HAI, Ewen was a senior adviser at Medsafe, New Zealand's medicines regulatory authority.

SPEAKERS



ERIN HASSELBERG

Director, Pharmaceuticals Certificate Program and Adjunct Clinical Assistant Professor, Global Health, Boston University School of Public Health

Erin Hasselberg is the director of the Pharmaceuticals Certificate Program and an adjunct clinical assistant professor in the Department of Global Health at Boston University School of Public Health. She teaches the two-time Teaching Award winner course GH 722: Supply Chain Management for Improved Health System Performance. Hasselberg spends 40 percent of her time with BUSPH and the other 60 percent as the manager for global health supply chains in the Humanitarian Response Lab at the MIT Center for Transportation and Logistics. Hasselberg is responsible for MIT's engagement in the \$20 million CDC-funded Academic Consortium Combating Ebola in Liberia (ACCEL) project as well as new business development for MIT's global health supply chain portfolio. Hasselberg previously served as a senior technical advisor with the Center for Health Logistics at John Snow, Inc. With more than 12 years of experience working with public health supply chains in resource-limited settings, Hasselberg has focused primarily on strengthening the capacity of people and organizations in supply chain management. She has worked with ministries of health, the US government, non-governmental organizations, private companies, and academic institutions in more than a dozen countries in Africa, Asia, and Latin America via her technical roles on the USAID | DELIVER PROJECT, the US President's Emergency Plan for AIDS Relief (PEPFAR) flagship Supply Chain Management System project, and the board of the People that Deliver global initiative. During Hasselberg's tenure with USAID's two largest supply chain contracts, she oversaw the sustainable inclusion of supply chain management modules in more than 25 higher education institutions in lower- and middle-income countries. Hasselberg earned her MS from the Harvard T.H. Chan School of Public Health and her BS from the University of Illinois at Urbana-Champaign.



RICHARD LAING

**Professor, Global Health,
Boston University School
of Public Health**

Richard Laing is a professor in the Department of Global Health at Boston University School of Public Health and is an extraordinary professor at the University of Western Cape South Africa. At both schools, he teaches about pharmaceutical topics within the newly emerging discipline of pharmaceutical public health.

Originally trained as a medical doctor, Laing worked for the Ministry of Health in Zimbabwe for more than 18 years, during which time he undertook postgraduate master's and doctoral studies on community health for developing countries and on comparative health systems and policy analysis. After leaving Zimbabwe in 1989, he spent six years working for Management Sciences for Health (MSH), where he coordinated the International Network for Rational Use of Drugs. Following his work with MSH, Laing taught international public health at BUSPH for seven years before joining WHO as a medical officer. He was actively involved in work on capacity building related to pharmaceutical policy, medicine pricing, health systems, implementation research, and rational use during his 10 years at WHO.

Laing has published an extensive list of academic publications and is one of the editors and authors of the second edition of *Managing Drug Supply*. He is also one of the authors of the *Priority Medicines for Europe and World* 2004 and 2013 reports, and was the editor of the *World Medicines Situation* 2011 report.

Laing holds an MBChB and MD from the University of Zimbabwe, an MSc from the University of London, and an honorary doctorate from Utrecht University.

SPEAKERS



YE LU

Professor and Director of Health Economics, School of Public Health, Fudan University, Shanghai, China

Ye Lu is director of the Department of Health Economics, School of Public Health at Fudan University, China. She is a member of the World Health Organization (WHO) Expert Advisory Panel on Drug Policies and Management. She is also a member of the advisory committee of the Drug Pricing Evaluation Center for the National Development and Reform Commission (NDRC), as well as being an executive committee member of the China Network of Training & Research in Health Economics and Financing in the Ministry of Health (MOH). She has been a short-term consultant on e-learning in China for the World Bank. Her main research fields include the burden of disease, economic evaluation of health intervention program, drug pricing policy, and national essential medicine policy. She has worked in 20 research projects as principal investigator, with funding from the National Social Science Foundation, WHO, MOH, NDRC, and Shanghai Bureau of Health, as well as others. Her study on essential medicine policy in China was funded by MOH, WHO, and United Nations Development Programme. The research findings and policy suggestions became important reference points in formulating new health care reforms. Her monograph, titled *The Study on Essential Medicines Policy in China*, was published in 2009. She worked in the Department of Essential Medicine and Pharmaceutical Policy, WHO as a visiting scholar in 2009. During that period, she wrote a chapter of the World Medicines Situation titled "Medicines Expenditures," which was published by WHO in August 2011. She has published more than 40 papers in domestic peer-reviewed journals as a first author or correspondent author since 2002.



PETER MAYBARDUK

**Director, Access to
Medicines and Knowledge
Economy Group at Public
Citizen, Washington, DC**

Peter Maybarduk directs Public Citizen's access to medicines and knowledge economy group, which helps partners around the world overcome high-price pharmaceutical monopolies and secure the benefits of science, technology, and culture for all. Maybarduk has provided technical assistance to international organizations and to public agencies and civil society groups in more than three dozen countries. He is an intellectual property expert and a visiting fellow with the Information Society Project at Yale Law School. Maybarduk's work has yielded HIV/AIDS medicine price reductions, new state access to medicines policies, and global shifts toward anti-counterfeiting policies that safeguard generic competition. His analysis and strategy helped eliminate many life-threatening measures from the proposed Trans-Pacific Partnership. Maybarduk's work has been covered in the *New York Times*, the *Wall Street Journal*, the *Times of India*, the *Guardian*, and other major papers. He studied technology law at the University of California at Berkeley and anthropology at the College of William and Mary in Virginia.

SPEAKERS



STEFAN J. OSCHMANN

**President, IFPMA;
Chairman and CEO of
Merck KGaA, Darmstadt,
Germany**

Stefan J. Oschmann has been chairman of the Executive Board and CEO of Merck KGaA, Darmstadt, Germany since May 2016. Previously Oschmann served as the vice chairman and deputy CEO. In this role, he was responsible for strategy development of the whole Group.

Oschmann joined Merck KGaA, Darmstadt, Germany in 2011 as CEO of the former Biopharma business and member of the Executive Board. He led the transformation of Biopharma by optimizing the cost structure and improving the efficiency of the research and development model, including a clear portfolio prioritization. From 2013 to 2014 he was responsible for the healthcare businesses. In that role, he oversaw Biopharma, Consumer Health, Allergopharma, and Biosimilars.

Before joining Merck KGaA, Darmstadt, Germany, Oschmann worked for US pharmaceutical company MSD, where he served as president of emerging markets. Other positions included member of senior management and corporate officer with responsibility for the business in Europe, the Middle East, Africa, and Canada; senior vice president in charge of worldwide human health marketing; and vice president of Europe and the German business.

Oschmann started his career at the International Atomic Energy Agency (IAEA) in 1985, before moving to the German Animal Health Federation (BfT), a member association of the German Chemical Industry Association (VCI), in 1987. Oschmann studied veterinary medicine at Ludwig-Maximilians-Universität in Munich from 1977 to 1982 and earned a doctorate there in 1985. He is married and has two children.



JONATHAN D. QUICK

**President and Chief
Executive Officer,
Management Sciences for
Health, Boston, MA**

Jonathan D. Quick, a family physician and health management specialist, is the president and CEO of Management Sciences for Health (MSH). An international nonprofit organization with teams in Africa, Asia, and Latin America, MSH builds local capacity to achieve greater health impact through stronger health systems. Quick was director of Essential Drugs and Medicines Policy at the World Health Organization from 1996 to 2004. Prior to that he served with MSH as founding director of the drug management program/center for pharmaceutical management, then as a long-term advisor for the Afghanistan Health Sector Support Project and the Kenya Health Care Financing Project. From 1982 to 1984 he practiced family medicine in Oklahoma and served in the US Indian Health Service.

Quick has worked in international health since 1978, and has carried out assignments in more than 60 countries in Africa, Asia, Latin America, and the Middle East. He is the senior editor of *Managing Drug Supply*, co-author of the *Financial Times Guide to Executive Health*, and has written more than 100 other books, articles, and chapters. He is on the faculty of the Harvard Medical School Department of Global Health and Social Medicine and Boston University School of Public Health, and is a fellow of the Royal Society of Medicine. He has a first degree from Harvard University and an MD, with distinction in research, and master's of public health from the University of Rochester. He serves as chair of the Global Health Council.

SPEAKERS



VIN SHARMA

**Senior Director of
Business Planning
and Program/Alliance
Management at Alnylam
Pharmaceuticals,
Boston, MA**

Vin Sharma, MPH'02, has been in the pharmaceutical industry for more than 15 years, having worked across the product life cycle from early-stage discovery to commercialization. He has worked in functions spanning program management, alliance management, marketing, patient services, and medical information in a range of therapeutic areas, including in orphan, infectious, CNS-related, and renal disease.

As senior director of program and alliance management at Alnylam Pharmaceuticals, Sharma and his team work with internal experts and external partners to effectively manage and progress drug development in the novel field of RNAi therapeutics. Prior to his current role at Alnylam, Sharma held a number of positions within the commercial division of Vertex Pharmaceuticals, including in global marketing, US marketing, market development, and launch planning. He is also a former consultant with the Boston Consulting Group (BCG), during which time he developed strategies for Fortune 500 pharmaceutical companies and government agencies, including the FDA and NIH.

In addition to his MPH from Boston University School of Public Health, Vin has an MBA from MIT's Sloan School of Management and a bachelor's degree in neuroscience from Brandeis University. Sharma resides in Natick with his wife and two children.



PIUS TIH

Director, Cameroon Baptist Convention Health Services, Cameroon

Pius Tih obtained a law degree in 1982 from Yaounde University in Cameroon before proceeding to London for post-graduate studies in hospital and health service administration. He earned an MPH from Boston University School of Public Health in 1992 and continued with PhD courses at several universities, including Boston University. He then returned to Cameroon and later was awarded the Copeland Fellowship, returning to the US to complete his research and graduate with a distinction in community health from William Carey International University. He has done other short courses and fellowships at Umea University Sweden, Harvard University, University of North Carolina, and Inwent in Germany.

Tih has been director of health services for the Cameroon Baptist Convention Health Service since 1985. The Cameroon Baptist Convention Health Services (CBCHB) that he heads is second only to the government of Cameroon in providing quality and affordable health services in the country. He has also served as director of internationally funded family planning projects as well as HIV and AIDS programs, including the prevention of mother-to-child transmission and in a program to train nurses to screen for cervical cancer.

Tih is currently the director of health services for the CBC Health Board, oversees the functioning of a major central pharmacy for the CBCHB, and has chaired the National Central Pharmacy Board for more than five years. Since 1992 he has been the representative of Faith Based Organizations in the Northwest Regional Fund for Health Promotion, a body that procures and distributes drugs in the region.

He has been awarded the Copeland Fellowship from Amherst College, the BUSPH Alumni Award, the Knight of Cameroon Order of Valor Award, the International Leadership Award from the Elizabeth Glaser Pediatric AIDS Foundation, and the HIV and AIDS Annual Award from the US Embassy in Cameroon.

SPEAKERS



VERONIKA J. WIRTZ

**Associate Professor,
Global Health, Boston
University School of Public
Health**

Veronika J. Wirtz is a pharmacist, educator, and researcher with more than 10 years of experience in international public health focusing on health system strengthening and program evaluations of medicines access and utilization. Currently, Wirtz is associate professor of global health at Boston University School of Public Health, where she teaches courses in health systems, pharmaceuticals in public health, and non-communicable diseases. She is a visiting professor at the National Institute of Public Health (INSP) in Mexico and coordinator of a student exchange program between the institutions of her affiliation. Her interests and expertise include medicines price analysis, generic medicines policies, access to medicines for non-communicable diseases, and the role of the private sector to promote equitable access and efficient use of medicines in low- and middle-income countries. She recently became the co-chair of *The Lancet* Commission on Essential Medicines. From 2004 to 2012 she was researcher and lecturer at the National Institute of Public Health (INSP) in Mexico and a founding member and head of the Medicines in Public Health Research Group, a multi-disciplinary team of 15 experts in health economics, epidemiology, and social sciences carrying out pharmaceutical policy analysis in Mexico and Latin America. She has regularly taught short courses in pharmacoepidemiology and medicines utilization research at INSP in Mexico. She has worked as a technical advisor for various international organizations, among them the World Health Organization; the Pan American Health Organization; the Global Fund to Fight AIDS, Tuberculosis and Malaria; the Bill and Melinda Gates Foundation; Alliance for Health Systems and Policy Research; Health Action International; and the Ford Foundation. She has also worked with the Ministry of Health in Mexico on various program evaluations and capacity building initiatives. She received her training as a pharmacist from Albert-Ludwigs-University in Freiburg, Germany, and her Master in Clinical Pharmacy and PhD from the University of London.

UPCOMING SYMPOSIA



HOW DOES WHERE YOU LIVE AFFECT YOUR HEALTH?

Thursday, December 1, 2016 | 9 a.m. – 4 p.m.

FEATURED SPEAKERS

Carlos Dora, Coordinator, Public Health, Environmental and Social Determinants of Health Department, World Health Organization

Ron Sims, Former Deputy Secretary, US Department of Housing and Urban Development



REDUCING HEALTH INEQUITIES: ADVANCING MEANINGFUL CHANGE

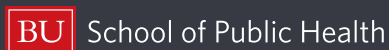
Wednesday, February 1, 2017 | 9 a.m. – 5 p.m.

FEATURED SPEAKERS

Eliseo J. Pérez-Stable, Director, National Institute on Minority Health and Health Disparities, National Institutes of Health

William Vega, Provost Professor and Director, Edward R. Roybal Institute on Aging, University of Southern California

Event Location: Instructional Building, 72 East Concord Street, Hiebert Lounge, Boston, MA



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