



WORLD BANK – SAR COVID-19 VACCINATION WORKSHOP SERIES

Workshop 4: Digitalizing COVID-19 vaccination

Virtual | Monday March 15, 2021

Digital enablers for vaccine delivery



Ms. Marie Eichholtzer, Digital Development Specialist with the Identification for Development (ID4D) program, The World Bank

Marie Eichholtzer is a Digital Development Specialist with the Identification for Development (ID4D) program at the World Bank, where she supports countries building inclusive and trusted identification systems. Before joining ID4D, Marie was a manager at Deloitte, advising EU institutions and EU Member States in implementing cross-border interoperability projects in the fields of electronic identification and data exchange between public administrations. Marie holds a MA in European and Political Administrative Studies from the College of Europe (Belgium), a MA in Political Sciences and University Degree in Far-Eastern Studies from Sciences Po Lyon (France).



Mr. Matthew Thomas Hulse, Senior Systems Architect, Digital Health, The World Bank

Matthew is a professional electrical, computer, and software systems engineer with diverse experience in embedded devices and digital communication technologies; he has bridged the diverse worlds of public policy, technology investment, and mobile access with strong technical background. He has worked worldwide on telecommunications access issues expanding digital and economic development, equal and affordable access, and lifesaving information for health and humanitarian assistance. Matthew's software engineering work spans certified DO178B flight code as a guidance and control engineer, as well as on industrial engineering on early-generation iPhone hardware, as well as OpenBTS: the open-source cellular infrastructure platform. Matthew champions inclusive digital development in partnership with market-driven investment to advance an accessible, open, and secure Internet.

CoWin experience sharing



Mr. Vikas Sheel, Joint Secretary (Policy), Ministry of Health & Family Welfare, Government of India

Mr. Vikas Sheel is an IAS officer and currently serving as Joint Secretary, M/o Health & Family Welfare, Government of India since 23 March, 2018 and is currently in charge of Policy Division in National Health Mission (NHM). He is an Electrical Engineer by qualification and has done an Executive Masters in Public Policy from Syracuse University, New York.

Currently he is a key member of National Team handling COVID Emergency Response in India. His efforts are currently focused on development and implementation of infrastructure and technical capacity for prevention, early identification and appropriate response to future pandemics.

Leadership panel: Learnings from digitization of Vaccine Roll out



Prof. Khondaker A. Mamun, Founder and President, CMED Health, Bangladesh

Mr. Khondaker A. Mamun is a Professor of Digital Health and founder of the [AIMS Lab](#) at United International University (UIU), Bangladesh. His team actively performs research on the application of AI, IoT and Data Science in healthcare, disabilities and neural engineering. He has published more than 125 international journal and conference articles, and holds a number of patents. He has invented and implemented a number of digital healthcare services models for developing countries. His research and innovation have been recognized locally and internationally. Prof. Mamun holds Ph.D. from University of Southampton, UK and Postdoc from University of Toronto, Canada. He is the organizer of the first medical engineering conference, MediTec 2016, first and second International Neuroscience School (IBRO APRC 2017 and 2019) in Bangladesh. He introduced first Deep Brain Stimulation surgery for Parkinson's patients in Bangladesh. He is the contributor of WHO/ITU Focus Group on AI for Health. He is also a national consultant for digital health system and digital health Strategy, Government of Bangladesh. Prof. Mamun is the founder of CMED Health (www.cmed.com.bd), a health-tech startup transforming the healthcare landscape in Bangladesh using its end-to-end comprehensive multi-layered scalable Digital Healthcare platform by connecting over 3.3 Million people with health services including COVID-19, early diagnosis, health education & referrals for intervention to achieve Health Inclusion (UHC).



Ms. Seema Angiras, IT Officer, The World Bank

Seema Angiras is passionate about leveraging technology, data, and innovations for accelerating development impact on social challenges. Her expertise is a trifecta of business innovation, digital transformation and business process management. She drives innovation and change by applying her expertise in different methodologies like Agile, Design Thinking, Systems Thinking and Foresight.

Seema joined ITS Technology and Innovation lab (ITSTI) in Nov 2018 and has been working on different projects across different Global Practices in ITSTI that utilize emerging transformative technology solutions, principles, standards, and best practices to achieve strategic objectives that align with WBG's Disruptive Technologies (DTs) agenda.

Seema, in her prior work at the World Bank as Sr Business Architect since 2015 had the opportunity to work across all 6 portfolios of ITSOC and gained comprehensive business and technical knowledge of many high-profile Bank applications.

To summarize Seema has 12+ years of progressive, varied and extensive experience as Enterprise Architect, Business Process Consultant and Product Manager providing solutions for large-scale, high-value projects and programs in fortune 100 companies ranging from Healthcare, Manufacturing, Banking and Financial Services. Seema has been recognized for her outstanding ability to identify, conceptualize, and solve highly complex problems with diverse in-depth business and technical skills.



Mr. CK Cheruvettolil, Senior Strategy Officer, Innovative Technology Solutions, Bill & Melinda Gates Foundation

Mr. Cheruvettolil is a Senior Strategy Officer working on Digital Health Innovations for Global Health at the Bill & Melinda Gates Foundation. He works on identifying and funding innovative technology solutions to improve health outcomes. He has also provided strategic advice on the financing of vaccine development and disease surveillance programs in the past.



Moderator:

Dr. Manish Pant, Chief Health and Governance, United Nations Development Programme India

Dr. Manish Pant heads the Health & Governance unit at UNDP's India office where he has successfully led UNDP's work on expanding the electronic vaccine intelligence network (eVIN) system that digitizes India's vaccine supply chain across all districts. He is a medical doctor holding an M.D degree in Community Medicine from Delhi University and has worked for organizations like International Federation of Red Cross and Red Crescent Societies (IFRC), International Diabetes Federation (IDF), Public Health Foundation of India (PHFI) over the last 20 years.



Ms. Vyjayanti T Desai Practice Manager, ID4D and G2Px, The World Bank

Vyjayanti Desai leads the World Bank's Identification for Development (ID4D) and Digitizing Government to Person Payments (G2Px) initiative, two global, multi-sectoral initiatives. These initiatives support progress towards trusted and inclusive identification systems and digitization of G2P programs with broader goals of financial and social inclusion, women's empowerment and greater individual agency. These initiatives support clients with advise and financing in over 35 countries, advances thought leadership on the topics of digital identity and G2P, and accelerates global public goods together with other partners.

Vyjayanti joined the World Bank Group in 2000 and has worked on a range of private and financial sector development programs across both the World Bank and IFC advisory and across several regions -- Africa, East Asia and South Asia. The programs she has led, working with client countries, has spanned topics of small and medium enterprise development (SME), competitiveness and innovation, digital development, investment climate policy and regulatory reforms, and access to finance. Within the WBG, she has led and shaped many multi-disciplinary and institution-wide programs, actively working to develop a unified agenda and designing integrated multi-sectoral solutions to these pressing development challenges. Prior to joining the World Bank Group, Vyjayanti worked at Deloitte Emerging Markets, where she provided consulting services to clients on private and financial sector development.

Vyjayanti has a MBA in Finance from Wharton School of Business, a Master in Public Policy from Harvard Kennedy School of Government, and a BA in International Relations from University of Pennsylvania.

Closing Remarks



Ms. E. Gail Richardson, Practice Manager, Health, Nutrition and Population Global Practice, South Asia Region, The World Bank

Ms. Richardson manages the health, nutrition and population (HNP) portfolio for several countries of the South Asia region at the World Bank Group, including Bangladesh, Bhutan, Pakistan, and Nepal. In this role, she is charged with guiding the development and quality of Bank supported HNP analytical products and financing operations in support of the Bank's goals to end poverty and boost shared prosperity. Earlier in her career, Gail designed health programs for a cohort of lower and middle income countries in the Middle East, including Yemen and Jordan. She also provided advisory services on health systems development to high income Gulf countries, such as the UAE. From 2002 to 2004, Gail served as an advisor to the Regional Director of the WHO Regional Office for the Western Pacific (WPRO).

In addition to her health positions, Gail managed the Development Effectiveness Unit for the Europe and Central Asia region, with oversight responsibility for the region's lending portfolio, encompassing over 200 active programs across all sectors. She was also a lead member of the Results Secretariat in the Bank's policy arm of the Bank, charged with strengthening the Bank's monitoring and measurement of the impact of its programs.

Gail holds a Master's Degree in Public Administration focusing on health policy and finance from the New York University (NYU).

About the Emcee



Ajay Tandon, Lead Economist, Health Nutrition and Population Practice Group, South Asia Region, The World Bank

Ajay Tandon is currently Lead Economist with the World Bank. He works on several countries including most recently on India, Indonesia, Bhutan, Laos, and Vietnam. He received a PhD in economics from Virginia Tech with a dissertation that focused on the intersection of macroeconomics and population dynamics. Previously, over 2004-2007, he worked with the research department of the Asian Development Bank in Manila where he worked on issues related to human development. He also worked with the Evidence and Information for Policy department of the World Health Organization in Geneva from 1998-2003, primarily on measurement challenges including those related to correcting biases in self-reported responses in household survey data and on health system performance. He has held visiting research appointments at both Oxford University and Harvard University. He has written several publications on the issues of statistical methodology, health systems efficiency, health financing, domestic resource mobilization, and universal health coverage. He is co-author of several books, including most recently of 'Going Universal: How 24 Countries Are Implementing Universal Health Coverage from the Bottom-up'.