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**Summer Institutes
in Global Health**

Global Health Diagnostics Course 2022 Agenda

DAY 1 – June 2, 2022

THEME: Is COVID-19 an inflection point for diagnostic testing at home, at work, and in schools?

Time	Topic	Speaker
8h00-8h15	Welcome and Course Overview	Cedric Yansouni Associate Professor, Divisions of Infectious Diseases and Medical Microbiology, McGill University Health Centre; Associate Director, J.D. MacLean Centre for Tropical Diseases Nitika Pant Pai Associate Professor, Division of Clinical Epidemiology & Infectious Diseases, McGill University; Center for Outcomes Research and Evaluation, MUHC Research Institute
8h15-9h05	Lancet Diagnostics Commission « An update »	Sue Horton Professor Emeritus, University of Waterloo Mikashmi Kohli Scientific Officer, FIND, Geneva
9h05-9h30	The premise and promise of RDT readers to solve analytic and post-analytic obstacles – Progress on a WHO/FIND target product profile	Sarah Charnaud World Health Organization Wallace White Senior Technical Consultant, FIND



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9h30-10h00	The premise and promise of RADT self-testing to control SARS-CoV-2 transmission	Michael Mina Chief Science Officer, eMed
Break 10 min		
10h10-10h35	SARS-CoV-2 Self-testing: The view from regulators	Christine Leckie Executive Director, Medical Devices Evaluation Bureau Health Products and Food Branch, Health Canada
10h35-11h00	Panel Discussion: Audience Q&A Moderator: Cedric Yansouni	Sue Horton, Michael Mina, Christine Leckie, Wallace White
11h00-12h30	Beyond COVID-19: From Home-based self-tests to Multiplexed rapid tests for HIV, HCV, Syphilis, and Flu evaluations during the pandemic & beyond.	
11h00-11h20	Digital HIV Self-testing – Quasi- RCT Experience in South Africa	Ali Esmail Consultant Pulmonologist, University of Cape Town
	Digital HIV Self-testing – Qualitative Study Experience in South Africa	Ricky Janssen PhD Candidate, Maastricht University, Netherlands
11h20-11h30	A comparative performance of HIV self-tests and Covid self-tests in Canada	Patrick O'Byrne Professor, Faculty of Health Sciences, Univ of Ottawa
11h30-11h40	Rapid tests for respiratory viruses-landscape & future use cases	Jesse Papenburg Assistant Professor, Pediatric Infectious Diseases and Medical Microbiology, McGill University
11h40-11h50	Syphilis RDT – what is the evidence?	Ameeta Singh Clinical Professor, Division of Infectious Diseases, University of Alberta



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11h50-12h00	Multiplexed digital rapid testing Initiatives for STI: A Canadian evaluation.	Angela Karellis Research Associate, McGill University Health Centre
12h00- 12h10	National DBS testing initiatives: What's the evidence	Christine Mesa Biologist, PHAC, National Labs Canada
12h10-12h30	Panel discussion Q&A Moderator: Nitika Pant Pai	Ali Esmail, Ricky Janssen, Patrick O'Byrne, Jesse Papenburg, Ameeta Singh, Christine Mesa, Angela Karellis
12h30-12h35	Day 1 closing remarks	Cedric Yansouni Nitika Pant Pai

DAY 2 – June 3, 2022

THEME: Implementation of diagnostics for COVID-19 and its relevance beyond pandemics

Time	Topic	Speaker
8h00-8h15	Welcome to Day 2	Nitika Pai Cedric Yansouni
8h15-8h40	ACT Accelerator in catalysing development of and access to COVID-19 diagnostics: The FIND Experience	Sanjida Karim Deputy Director (ACT-A Access), FIND
8h40-9h05	Aboriginal and Torres Strait Islander COVID-19 POC Testing Program – an Australian experience	Tanya Applegate Senior Lecturer, Kirby Institute
9h05-9h25	Scaling up quality assured COVID-19 testing in Africa: a whole of Africa led and locally implemented effort	Marguerite Massinga Loembe Senior laboratory advisor, Africa CDC



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Break 15 min		
9h40-10h05	The LabCoP model for strengthening laboratory systems for HIV, COVID-19 and beyond	Collins Otieno Project Lead, LabCop, ASLM
10h05-10h30	COVID-19 Initiative and CHAI's role in implementation of COVID-19 diagnostics	Trevor Peter Senior Director, Clinton Health Access Initiative
10h30-11h00	Panel discussion: Beyond COVID 19: Lessons learnt for future Pandemics and Neglected Syndemics Moderator: Nitika Pant Pai	Sanjida Karim, Trevor Peter, Marguerite Massinga Loembe Collins Odhiambo, Tanya Applegate, Tinsae Alemayelu
Break 10 min		
11h10-12h30	"Looking to the future"	
11h10-11h40	HiPR-FISH: A novel way to detect and identify microbes	Matthew Cheng Co-founder of Kanvas Biosciences
11h40-12h10	Future Trends in Infectious Disease Dx- 2022 & beyond	Nitika Pant Pai Associate Professor, McGill University
12h10Ju- 12h30	Course Participant Conversations Course Closure	Cedric Yansouni Nitika Pai