



BC Immunization Forum 2022



Tuesday, March 1, 9:00 am -12 pm Pacific Standard Time
and
Wednesday, March 2, 1:00 pm - 4:00 pm Pacific Standard Time
 Broadcast over Zoom from UBC Robson Square in downtown Vancouver

Goal: to energize immunizers and build capacity to sustain programs by providing current, evidence-based information to support quality practice.

Tuesday	morning	
9:00	Welcome	Dr. Monika Naus Mr. Shane Pointe
9:15	State of the Nation	Dr. Bonnie Henry
9:30	Covid: The Virus, the Vaccines, the Future	Dr. Mel Krajden Dr. Joanne Langley Dr. Manish Sadarangani
10:50	Break	
11:00	New Approaches to Immunization Communication	Ms. Stephanie Meier Dr. Takuro Ishikawa Mr. Craig Thompson Ms. Lily Crist Mr. Takuto Shiota
12:00	Closing	Ms. Marion Guenther
Wednesday	afternoon	
1:00	Welcome	Ms. Bethany McMullen
1:05	How could we integrate COVID-19 vaccine into routine immunization delivery in BC?	Dr. Brenda Tan Dr. Penny Ballem Mr. Jonathan Spence Mr. Bryce Wong
2:00	Racial Equity in Immunization	Dr. Julie Bettinger Ms. Stephanie Allen Mr. Gurvir Dhutt Ms. Samantha Tong Ms. Marion Guenther
3:00	Break	
3:10	What's New & Interesting?	Dr. Hana Mitchell Ms. Katharine Chilton Mr. Ian Roe Dr. Kyla Hildebrand
4:00	Closing	Dr. Monika Naus

Tuesday, March 1 Morning	
9:00 - 9:15	Welcome <ul style="list-style-type: none"> • Dr. Monika Naus, Medical Director, Communicable Diseases & Immunization Service, BC Centre for Disease Control • Te'ta-in (Shane Pointe), Elder, Musqueam Nation
9:15 - 9:30	State of the Nation <ul style="list-style-type: none"> • Dr. Bonnie Henry, Provincial Health Officer, British Columbia
Learning objective: After the Forum, participants will be able to summarize the current state of BC's immunization program	
9:30 - 10:50	COVID: The Virus, the Vaccines, the Future Moderator - Dr. Monika Naus <ol style="list-style-type: none"> 1. Coronavirus; What is it? Where did it come from? Where is it going? <ul style="list-style-type: none"> • Dr. Mel Krajden, Medical Director, Public Health Laboratory, BCCDC 2. Coronavirus vaccines <ul style="list-style-type: none"> • Dr. Joanne Langley, Researcher, Dalhousie University and Canadian Centre for Vaccinology 3. Pandemic to Endemic - Please Say it's True! - Future of COVID - 19 Immunization <ul style="list-style-type: none"> • Dr. Manish Sadarangani, Director, Vaccine Evaluation Centre, BC Children's Hospital 4. Discussion with the panel
Learning objectives: After the Forum, participants will: <ul style="list-style-type: none"> • Discuss the COVID - 19 virus and its expected evolution • Recognize the technology and science of current COVID vaccines • Consider issues surrounding use of new COVID vaccines 	
10:50 - 11:00 BREAK	
11:00 - 11:55	New Approaches to Immunization Communication <ol style="list-style-type: none"> 1. Introduction <ul style="list-style-type: none"> • Stephanie Meier, BSN, MPH, Senior Practice Leader, BCCDC 2. Learnings from Behavioural Science <ul style="list-style-type: none"> • Takuro Ishikawa, PhD, Behavioural Scientist, Behavioural Insights Group 3. The Immunization Infodemic - An Innovative BC Approach <ul style="list-style-type: none"> • Craig Thompson, BSN, MBA, Senior Director, PHABC • Lily Crist, French Education Director, Kids Boost Immunity, PHABC • Takuto Shiota, Public Health Association of BC 4. Discussion with the panel
Learning objectives: <ul style="list-style-type: none"> • Apply behavioural science learnings to improve communication and support vaccine uptake • Explore immunization misinformation and utilize new tools to manage the Immunization Infodemic 	
11:55 - 12:00	Close - Marion Guenther, Clinical Nurse Specialist, Immunizations, FNHA

Wednesday, March 2 Afternoon	
1:00 - 1:05	Welcome - Bethany McMullen, Director, Immunizations, BC Ministry of Health
1:05 - 2:00	<p>How could we integrate COVID-19 vaccine into routine immunization delivery?</p> <ol style="list-style-type: none"> 1. Welcome Emily Malnis, PHN, Immunization Leader, Vancouver Coastal Health 2. Panel: <i>Brenda Tan, MD; Jonathan Spence, Public Health Immunization Program Leader; Bryce Wong, Pharmacist; Penny Ballem, MD COVID-19 Vaccine Rollouts and Immunization Efforts)</i> <ol style="list-style-type: none"> a) How were you involved in COVID immunization delivery in the last few years/months? b) What suggestions do you have for the future to integrate COVID vaccine into routine immunization program delivery? 3. Discussion with the panel Katharine Chilton, Vaccine Educator, BCCDC
<p>Learning objectives:</p> <ul style="list-style-type: none"> • Summarize the current state of BC’s immunization program • Describe how vaccines are routinely provided in BC • Appraise how the COVID-19 immunization program rolled out in various parts of BC using “whole of community” approaches, new partners, and new immunizers • Imagine alternate delivery strategies in BC in the future 	
2:00 - 3:00	<p>Racial Equity in Immunization</p> <ol style="list-style-type: none"> 1. Introduction <ul style="list-style-type: none"> • Dr. Julie Bettinger, Infectious Disease Epidemiologist, Vaccine Evaluation Centre 2. Black Community responses to racism as evidenced by COVID vaccine uptake and attitudes <ul style="list-style-type: none"> • Stephanie Allen, Hogan’s Alley Society 3. South Asian Community member experiences and feedback for improving COVID - 19 vaccine-related communications <ul style="list-style-type: none"> • Gurvir Dhutt, MPH, Academic Assistant, Vaccine Evaluation Centre, BCCH 4. South Asian health experience with outreach and delivery of COVID-19 vaccines <ul style="list-style-type: none"> • Samantha Tong, Manager, South Asian Health Institute 5. First Nations Communities in BC - A whole of community approach <ul style="list-style-type: none"> • Marion Guenther, Clinical Nurse Specialist, Immunization, FNHA 6. Discussion with the panel <ul style="list-style-type: none"> • Rebecca Haber, Immunization Leader, Fraser Health
<p>Learning objectives:</p> <ul style="list-style-type: none"> • Describe three of BC’s racialized communities, their experiences with COVID immunization, and some of the groups working with them • Examine how racism impacts immunization uptake and analyze systemic structural and interpersonal remedies 	
3:00 - 3:10 BREAK	

3:10 - 3:50	<p>What's new and interesting? Moderator - Katherine Chilton</p> <ol style="list-style-type: none"> 1. Screening of <i>Give it Your Best Shot</i> (video) and Q & A <ul style="list-style-type: none"> • Hana Mitchell, Pediatric ID, BC Children's Hospital 2. Relaunch of the Immunization Communication Tool (video) and Q & A <ul style="list-style-type: none"> • Katharine Chilton, Vaccine Educator - Communicable Disease & Immunization Services, BCCDC 3. Update on Kids Boost Immunity & Clubs Boost Immunity and Q & A <ul style="list-style-type: none"> • Ian Roe, Content Strategist, BCCDC 4. New pneumococcal vaccines under review in Canada and Q & A <ul style="list-style-type: none"> • Kyla J. Hildebrand, MD, MScCH Pediatric Clinical Immunology and Allergy, BC Children's Hospital
<p>Learning objectives:</p> <ul style="list-style-type: none"> • Access new resources, policies and vaccines 	
3:50 - 4:00	<p>Closing</p> <ul style="list-style-type: none"> • Monika Naus, Medical Director, Communicable Diseases & Immunization Service, BCCDC

Accredited by UBC CPD



The University of British Columbia Division of Continuing Professional Development (UBC CPD) is fully accredited by the Committee on Accreditation of Continuing Medical Education (CACME) to provide study credits for continuing medical education for physicians. This event is an Accredited Group Learning Activity (Section 1) as defined by the Maintenance of Certification Program of the Royal College of Physicians and Surgeons of Canada and has been approved by UBC CPD for up to **5.5 MOC Section 1** Group Learning credits. This program meets the certification criteria of the College of Family Physicians of Canada and has been certified by UBC CPD for up to **5.5 Mainpro+** Group Learning credits. Each physician should claim only those credits accrued through participation in the activity.

CFPC Session ID: 196654-001

Preparation: Download Slido to personal devices or go to www.sli.do.com

Scientific Planning Committee:

Kim Bartel, Immunization Specialist, Interior Health
 Julie Bettinger, Infectious Disease Epidemiologist, Vaccine Evaluation Centre, BCCH
 Katharine Chilton, Vaccine Educator, BCCDC
 Alexis Crabtree, School of Population and Public Health, UBC
 Meena Dawar, Medical Health Officer, Vancouver Coastal Health
 Marion Guenther, Clinical Nurse Specialist, Immunizations, First Nations Health
 Rebecca Haber, Regional Immunization Leader, Fraser Health
 Emily Malnis, Regional Immunization Leader, Vancouver Coastal Health
 Stephanie Meier, Senior Practice Leader, Communicable Diseases & Immunization Service, BCCDC
 Monika Naus, Medical Director, Communicable Diseases & Immunization Service, BCCDC

Administrative support:

Daniela Michel, Operations Coordinator, Communicable Diseases & Immunization Service, BCCDC
 Marilyn Mclvor, Event Organizer, Public Health Consultant

Biographical Information:

<p>Monika Naus</p>	<p>Monika Naus is the Medical Director of the Communicable Diseases & Immunization Service at BCCDC. In addition to her work at the provincial levels in BC and previously in Ontario, she has been active in immunization at the national level, including on the Canadian National Advisory Committee on Immunization, Canadian Immunization Committee, Canadian Immunization Registries and Coverage Network, and various other groups. She is a Fellow of the Royal College of Physicians of Canada and of the American College of Preventive Medicine. She is also a professor in the UBC School of Population & Public Health at the University of British Columbia.</p>
<p>Shane Pointe</p>	<p>Te'ta-in (Sound of Thunder) Shane Pointe is a Musqueam Knowledge Keeper, whose motto is "Nutsamaht!" (We are one). Te'ta-in is a proud member of the entire Salish Nation, the Pointe Family and Musqueam Indian Band. In addition to being a grandfather and great grandfather, he is a facilitator, advisor, traditional speaker and artist. Shane has worked for five different school boards, Corrections Canada, Simon Fraser University, the University of British Columbia and the First Nations Health Authority. He provides advice and guidance on ceremonial protocols for local, national and international cultural events.</p>
<p>Bonnie Henry</p>	<p>Dr. Bonnie Henry was appointed as BC's Provincial Health Officer in 2018 following three years as the Deputy Provincial Health Officer. She is responsible for monitoring the health of all British Columbians and undertaking measures for disease prevention and control and health protection. Most recently, Dr. Henry has led the province's response on the COVID-19 pandemic and drug overdose emergency.</p> <p>Dr. Henry's experience in public health, preventive medicine and global pandemics has extended throughout her career. She served in a number of senior roles at BCCDC and Toronto Public Health, including as the operational lead in the response to the SARS outbreak in Toronto. She has worked internationally with the WHO/UNICEF polio eradication program in Pakistan and with the WHO to control the Ebola outbreak in Uganda and has been actively involved in mass gathering health planning in Canada and internationally. She is a specialist in public health and preventive medicine and is board certified in preventive medicine in the U.S. She graduated from Dalhousie Medical School, completed a Master's in Public Health and residency training in preventive medicine at University of California, San</p>

	Diego, and in community medicine at University of Toronto. She is an associate professor in the School of Population and Public Health at the University of British Columbia.
Mel Krajden	Mel Krajden is the medical director of the BCCDC Public Health Laboratory. Dr. Krajden earned his BSc and MD at McGill University (1973-80). He undertook internal medicine training at McGill University (1980-83). Afterwards, he did a fellowship in infectious diseases at Stanford University (1983-86) and completed a medical microbiology residency at the University of Toronto (1986-87). Between 1991 and 1998, he was section head of virology and serology and an infectious diseases consultant at the Toronto Hospital (The University Health Network). In September 1998, he moved from Toronto to Vancouver, to BCCDC and UBC.
Joanne Langley	Joanne Langley is a pediatric infectious diseases physician and vaccine researcher in the Department of Pediatrics at the IWK Health Centre, Dalhousie University and the Canadian Center for Vaccinology. She is an active investigator in the Canadian Immunization Research Network and leads its Clinical Trials Network (CTN). During the pandemic she has been a member of the COVID-19 Science Expert Panel and co-chair of the federal government's COVID-19 Vaccine Task Force. She is a former member of the Canadian Task Force on Preventive Health Care and Canada's National Advisory Committee on Immunization (Chair, 2007-2011).
Manish Sadarangani	Dr Manish Sadarangani is Director of the Vaccine Evaluation Center at the BC Children's Hospital Research Institute and an Associate Professor in the Division of Infectious Diseases, UBC Department of Pediatrics. He has worked in pediatrics throughout the world, including in sub-Saharan Africa, Asia, Australia, North America and Europe. His research links clinical trials with basic microbiology, immunology, and epidemiology to address clinically relevant problems related to immunization and vaccine-preventable diseases.
Stephanie Meier	Stephanie has been in the Senior Practice Leader within the Communicable Diseases and Immunization Service at BCCDC since April 2020. She possesses more than 22 years of progressive experience in the nursing field in advanced practice, education and leadership roles, with 17 of those years in Public Health. Stephanie has worked in Canada and the USA, and recently completed a Masters of Public Health Program at the University of Roehampton (UK).
Takuro Ishikawa	Dr. Takuro Ishikawa uses insights and research methods from behavioural sciences to develop interventions to change behaviour (e.g., play and physical activity, helmet use, active transportation). Dr. Ishikawa is an alumnus of the UBC Public Scholar program as well as the CIHR Population Interventions for Chronic Disease Prevention training program. After working at the BC Children's Hospital Research Institute for almost ten years, Dr. Ishikawa joined the BC Public Service and is currently a Senior Behavioral Scientist with BC Behavioural Insights Group. Dr. Ishikawa holds a MSc and a PhD in Experimental Medicine from the University of British Columbia.
Takuto Shiota	Takuto Shiota has been working in online immunization promotion for the past 6 years, working on ImmunizeBC, Kids Boost Immunity, I Boost Immunity, VSRR and other projects. Before that he worked on online communications for post-secondary institutions, non-profits, and companies. He also works as a media analyst for the World Health Organisation, tracking how the world reacts to different public health policies - although he is not representing WHO today.

<p>Lily Crist</p>	<p>Lily Crist has worked on the Vaccination Status Reporting Regulation (VSRR) and on Kids Boost Immunity (KBI). She has a Bachelor of Arts in History from the University of the Fraser Valley and a Diploma in Forensic Health Sciences from the British Columbia Institute of Technology. For many years in BC, she was an educator in the Conseil scolaire francophone and an executive director for francophone non-profit organizations. She has also been a strong activist for women’s right and gender equality in Canada, participating as a Canadian advisor at the 62nd session of the Commission on the Status of Women at the United Nations and representing francophone women before the Organisation internationale de la Francophonie in 2018.</p>
<p>Craig Thompson</p>	<p>Craig Thompson is a RN with a BSN from Ryerson University (Toronto), and a MBA from the University of Liverpool (UK). He is also Second City TV Alumnus. A healthcare innovator, disrupter, but genuinely a nice guy with more than 25 years of diverse primary, population and public health experience in provincial and municipal government, university, military and NGO (emergency management) sectors. Craig is best known for his role as Director, Immunization, BC Ministry of Health - where he helped to make BC’s immunization program one of the best in the world (special thanks to all of you!). He is the co-creator of the original ImmunizeBC, Immunization Flu Clinic Locator, I Boost Immunity, Kids Boost Immunity, and many other things past, present, future (?). He has both won a Premier’s Award and was a finalist (beaten out by salmon!). He is currently on secondment with the Public Health Association of BC, as a Senior Director, developing new immunization and sexual health communication tools, and many other things. Some, you’ll find out soon! Craig is a past BCIC co-chair, present co-chair of BC’s Immunization Promotion Working Group, and an executive member of the WHO’s Vaccine Safety Net. Craig will soon be co-leading the newly formed Pan Canadian Immunization Policy and Health Promotion Committee.</p>
<p>Marion Guenther</p>	<p>Ms. Guenther is the Clinical Nurse Specialist for the First Nations Health Authority’s Immunization Program. She holds a BSc in Nursing from the University of Saskatchewan and a MA in Leadership from Royal Roads University. Marion has worked with the FNHA since 2019, supporting nurses in First Nations Communities across BC to ensure timely access to vaccines, improving vaccine coverage rates, and increasing immunization confidence. Marion has led her team through the pandemic managing COVID competencies, COVID clinics, and vaccine planning & management for nurses working in First Nation communities across the province. Marion lives on the traditional and unceded territory of Squamish, Tsleil-Waututh and Musqueam Nations of the Coast Salish peoples with her husband and two young daughters.</p>
<p>Bethany McMullen</p>	<p>Ms. McMullen is the newly appointed Director of Immunizations at the Ministry of Health, joining the team in January of 2022. Bethany holds a Masters of Public Health and an undergraduate degree in Microbiology, as well as has completed additional graduate studies and research in Biochemistry, Immunology and Cell Biology. Bethany comes to the immunization role from Primary Care, where she supported the primary care strategic initiatives at the Ministry of Health in a variety of roles. Prior to joining the Ministry in 2016, Bethany worked for Island Health in Public Health Strategic Initiatives, the University of Victoria as the Biosafety Officer and as an instructor in Biochemistry and Microbiology. Bethany lives in Victoria with her three young children and is looking forward to working with everyone to support the immunization program in BC.</p>

Emily Malnis	Emily Malnis is the Regional Immunization Leader for Vancouver Coastal Health. She holds a BSc in Nursing with Certified Practice in reproductive health. After specializing in adolescent psychiatry, Emily transitioned to community health as a child and youth public health nurse in 2008. Emily was a front-line leader in several immunization projects, including standardization of practice and electronic systems updates, before becoming the regional leader for VCH in 2020.
Brenda Tan	Dr. Brenda P Tan is a family physician practising in Richmond, BC. She offers immunizations in her office and participated in many components of the COVID-19 immunization campaign in BC.
Jonathan Spence	Jonathan Spence is the Manager of the Communicable Disease Prevention and Control program with Interior Health. He works in Vernon, on the unceded and occupied, traditional and ancestral territory of the Sylix People. In addition to leading the routine immunization program within IH, Jonathan has been involved with the planning and execution of the COVID-19 immunization response within Interior Health from outset. He has worked in private and public health care in Canada for more than 20 years and prior to joining IH he worked at the BC Centre for Disease Control in Vancouver. Jonathan holds a MBA from the Beedie School of Business.
Bryce Wong	Bryce Wong is a licensed pharmacist and Director of Pharmacy Practice Support & Special Projects at the BC Pharmacy Association (BCPhA). In his role at the association, he is responsible for engaging with pharmacy stakeholders such as the Ministry of Health and the College of Pharmacists of BC. He and his team also have oversight over the development and delivery of mandatory training and education programs including the BC Community Pharmacy Manager Training program, Opioid Agonist Treatment Compliance and Management Program for Pharmacy, and its Administration of Injections training program. Over the past year the Association has played a new role in directly managing the implementation of the influenza and COVID-19 vaccination programs in community pharmacies in partnership with the Ministry, BC Immunization Rollout team, and Health Authorities.
Penny Ballem	Dr. Penny Ballem, Chair of the Board of VCH since January 2019, has had a 35-year career as a health leader and academic clinician in British Columbia. She is a clinical professor of medicine at the University of British Columbia (UBC), she served as the B.C. deputy minister of health from 2001-06 and the city manager for Vancouver from 2008-15. She advises governments across Canada on health policy, health systems and health human resources. Most recently, she has been the Executive Lead of the BC Immunization Response Team more commonly known as ImmsBC. She skis up Whistler every chance she gets.
Katharine Chilton	Katharine (Kathy) Chilton is the Vaccine Educator at BCCDC in the Communicable Diseases and Immunization Service. Kathy's nursing journey has crossed over many areas in both acute care and public health. Her passion is in providing support to nurses and other health care providers through education which has led to roles as a clinical nurse educator, communicable disease nurse coordinator, infection prevention and control practitioner and immunization education. Kathy recently worked with her team to complete a health care provider resource on immunization communication to address vaccine hesitancy. Kathy has been involved in providing provincial education resources for health care providers throughout the rollout of the COVID-19 vaccine program in BC.
Gurvir Dhutt	Gurvir is a graduate student in the Master of Public Health program at the University of British Columbia. He has a MSc degree in Aging and Health where his studies focused on strategies to promote health and healthy aging

	in the older adult population. His interests in public health research broadly consist of determining the effectiveness of disease countermeasures such as vaccines and using these findings to develop health promotion policies. He is currently working as a Graduate Academic Assistant at the Vaccine Evaluation Center researching COVID-19 vaccine perspectives in the South Asian community.
Samantha Tong	Samantha Tong is the Manager of the Health Equity and Population Health Unit and the South Asian Health Institute within the Population and Public Health Program at Fraser Health. The South Asian Health Institute has supported Fraser Health's COVID-19 pandemic response amongst the South Asian community since the start of the pandemic. Samantha is a physiotherapist and holds a Masters of Public Health (Global Health). She worked for the Public Health Agency of Canada prior to joining Fraser Health.
Rebecca Haber	Rebecca Haber is the Regional Immunization Leader with Fraser Health Authority. She is responsible for planning and evaluating immunization programming and promotion throughout Fraser Health. Rebecca has also worked as a policy analyst in Fraser Health's Health Equity and Population Health Unit, and prior to joining Fraser Health, coordinated a provincial after-school program for youth with DASH BC. Rebecca holds a MSc in Population and Public Health from the University of British Columbia.
Hana Mitchell	Dr. Hana Mitchell is an infectious disease pediatrician and clinical assistant professor at BC Children's Hospital and UBC. She has a special interest in translating research findings into day-to-day clinical practice and preventing infections in immunocompromised children.
Ian Roe	Ian Roe is a Content Strategist with BCCDC and co-chair of the BC's Immunization Promotions Working Group. Ian is responsible for managing provincial immunization promotion and education campaigns through ImmunizeBC, I Boost Immunity and Kids Boost Immunity. Ian has more than 20 years' experience working in audio and video production, communications, social marketing, web management and immunization promotion.
Kyla Hildebrand	Dr. Kyla Hildebrand is a Pediatric Clinical Immunology and Allergy specialist and clinician educator at BC Children's Hospital in Vancouver, Canada. She is a Clinical Associate Professor in the Department of Pediatrics and Division of Allergy & Immunology at the University of British Columbia, an investigator at the BC Children's Hospital Research Institute and the director of the UBC Pediatric Clinical Immunology and Allergy Residency Training Program. Dr. Hildebrand is a voting member on the National Advisory Committee for Immunization.
Kim Bartel	Kim is an Immunization Specialist with the Population Health program in Interior Health. She holds a Bachelor of Science degree in Nursing from the University of the Fraser Valley and a Masters of Nursing degree from Athabasca University. Kim has over 20 years of public health nursing experience, in both front-line and educator roles.
Daniela Michel	Daniela Michel is the Operations Coordinator in the Communicable Diseases and Immunization service line at the BC Centre for Disease Control. She holds a Bachelor of Health Sciences and a Masters of Public Health from the University of Victoria. Daniela has a background in clinical dental hygiene and previously worked at the Dr. Peter Centre in Vancouver where she developed a Hepatitis C elimination program. Since 2020, she has coordinated aspects of the immunization program at the BCCDC and been involved in several public and professional education initiatives with the Community Antimicrobial stewardship to support the wise use of antibiotics.