

2019 CONFERENCE AND AGM

Simplifying Complexity:

Public Health Approaches &
Practice in Complex Systems



Public Health
Association of BC

NOVEMBER 14TH & 15TH, 2019

SUTTON PLACE HOTEL, 845 BURNARD, VANCOUVER



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Thank you to our Sponsors	Back Cover

We acknowledge the land on which we gather together is the unceded territory of the Coast Salish peoples, including the territories of the xʷməθkwəy̓əm (Musqueam), Skwxwú7mesh (Squamish), Stó:lō and Səlílwətaʔ/Selilwitulh (Tsleil-Waututh) Nations.



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Simplifying Complexity:

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Practice in Complex Systems

General Information

Event Location

Sutton Place Hotel (downtown Vancouver)
845 Burrard Street, Vancouver, BC, V6Z 2K6

The conference will take place on the second floor of the hotel. Enter through the main lobby doors and proceed right to access the second floor via the stairs beside the concierge desk or the elevators to the right of the concierge.



845 BURRARD STREET, VANCOUVER, BC CANADA V6Z 2K6
TEL 604.682.5511 • TOLL FREE 1.866.378.8866 • WWW.SUTTONPLACE.COM

Registration Desk

All conference attendees must check in at the registration desk to receive their conference package. The registration desk is located in the 2nd floor main foyer beside the elevators and will open at 7:30am each day.

Internet Access

Free Wi-Fi will be available on site for the duration of the conference, log-in credentials are located on a separate sheet in the inside pocket of your conference program

Badge Identification

Badges will be provided at the registration desk and allow admission to all conference sessions and events. Badges must be worn at all times.

Cell Phones

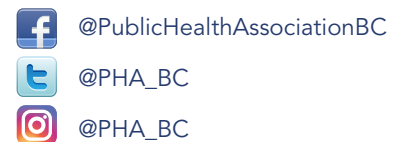
All cell phones must be turned on silent upon entering session rooms.

Social Media

Tweet, post and share your conference experience by using:

#PHABC19

and don't forget to follow us!



Parking

Self and Valet Parking is available at the Sutton at a rate of \$9/hour to \$29/day (6am-6pm) for non-guests, \$45/24-hour period for hotel guests.

Some nearby parkades include:

Precise ParkLink Inc.

800 Burrard Street - \$4/half hour to a daily maximum of \$17 (6am-6pm)

Paramount Place

900 Burrard Street - \$5/hour to a daily maximum of \$15 (until 6pm)

ImPark

606 Burrard Street - \$4.50/hour to a daily maximum of \$15 (9am-6pm)

ImPark

828 Howe Street - \$2.50/half hour to a daily maximum of \$14 (9am-11pm)

ImPark

840 Howe Street - \$7.00/hour to a daily maximum of \$17 (until 6pm)

Breakfast, Lunch & Refreshments

There will be a buffet breakfast available each morning from 7:30-8:30am and lunch buffet from 12:00-1:00pm. The buffet table is located in Lafite Foyer and attendees are welcome to dine in Le Versailles Ballroom.

Gluten-free, dairy-free, vegetarian and vegan options are readily available for each buffet meal, break and during the reception. All food items will be labelled and include a listing of their ingredients.

Coffee, decaffeinated coffee, tea and light snacks are available during both morning and afternoon wellness breaks. Refreshment tables will be located in the main foyer.

Appetizers will be served during the Networking Social Event on November 14th from 3:45-5:00pm and there will be a cash bar for alcoholic beverages.

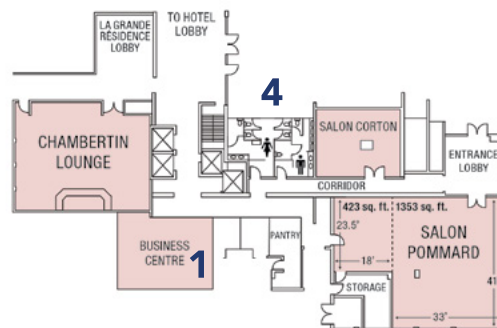
Lemon water and cucumber water will be available throughout both days.

Indoor Pool & Fitness Centre

For those conference delegates who are staying at the Sutton Place Hotel, the indoor pool and fitness centre is open from 5:30am to 9:45pm every day and includes an indoor heated pool, a Jacuzzi, two steam rooms, a fully equipped gym, change rooms, and complimentary towel and locker service.

Business Centre

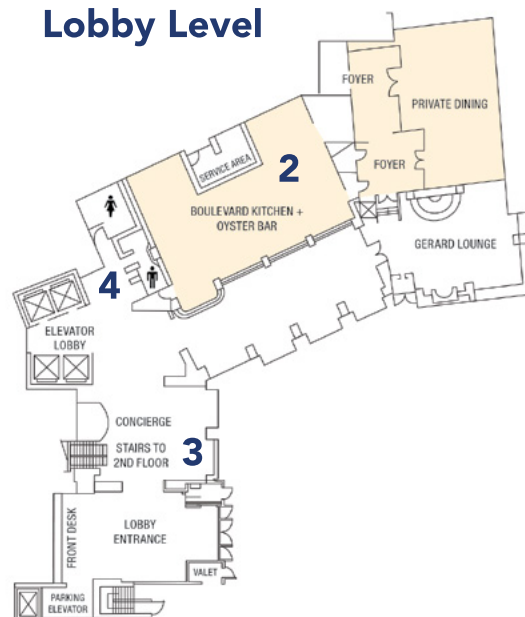
The business centre is located on the main floor of the Sutton Place Hotel, through the hallway to the left of the front desk and is open 24 hours a day, 7 days a week. The business centre features Wi-Fi access, multiple computers & printers, a copy machine and a YVR self-service check-in kiosk



Hotel Layout

Lobby Level

- 1 Business Centre
- 2 Boulevard Kitchen & Oyster Bar
- 3 Stairs to Second Floor
- 4 Washrooms



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Dining

The Boulevard Kitchen & Oyster Bar is located within the Sutton Place Hotel and is open from 6:30am to 11:00pm every day and features a seafood-focused menu grounded in classical technique and training, while artfully infusing casual West Coast flair and creative hints of international influences.

Room service is available 24 hours a day, 7 days a week for hotel guests

Other nearby restaurants include:

JOEY Burrard

820 Burrard Street – open from 11am-1am

Italian Kitchen

860 Burrard Street – open from 11:30am-11pm

SalaThai

888 Burrard Street – open from 11:30am-10pm

Salam Bombay

755 Burrard Street – open from 11:30am-10:15pm

Pacifico Pizzeria & Ristorante

970 Smithe Street – open from 11am-11pm

Kamei Baru

990 Smithe Street – open from 11:30am-11pm

Directions

Driving from Tsawwassen Ferry Terminal

Head southwest on BC-17 to exit 7 towards Ladner, Highway 17A N
Keep right and take exit to highway 99N towards Vancouver/Richmond
Highway 99N becomes Oak Street once you cross the bridge from Richmond into Vancouver.
Turn left from Oak Street onto Park Drive and then right onto Granville Street
Follow Granville across the Granville Street Bridge then take Seymour Street to the right
Turn left off Seymour and on to West Georgia Street
Take another left from West Georgia onto Burrard Street
The Sutton will be on your right-hand side a couple blocks up

Driving from Horseshoe Bay Ferry Terminal

Follow Highway 1/Highway 99S towards Vancouver
Take exit 13 to Taylor Way & Vancouver, following Highway 99S
Take a left onto Marine Drive and a right, following Highway 99S, on to the Lion's Gate Bridge
Follow Highway 99S as it becomes West Georgia Street
Take a right off West Georgia onto Burrard Street
The Sutton will be on your right-hand side a couple blocks up

Driving from Airport

Take Grant McConachie Way E across Arthur Laing Bridge
Take left immediately after bridge onto Granville Street
Follow Granville across the Granville Street Bridge then take Seymour Street to the right
Turn left off Seymour and on to West Georgia Street
Take another left from West Georgia onto Burrard Street
The Sutton will be on your right-hand side a couple blocks up

Driving into Vancouver (Hwy 1 – westbound)

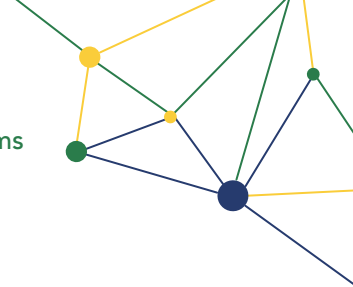
Follow Highway 1W towards to Vancouver/Whistler
Take the exit 26 to East Hastings Avenue
Continue down East Hastings and continue straight as it turns into West Hastings
Take a left off of West Hastings onto Burrard Street
The Sutton will be on your right-hand side a couple blocks up

Taking Public Transportation

The closest sky train station is the Burrard Street Station on the Expo line
Exit the station onto Burrard Street and towards Robson Street
Continue on Burrard half a block past Robson Street, the Sutton will be on your right-hand side
The next closest sky train station is Vancouver City Centre on the Canada line
Exit the station onto West Georgia Street
Continue on West Georgia towards Burrard Street and take a left when you get there
Walk on Burrard for 1 and a half blocks, the Sutton will be on your right-hand side

Taking Public Transportation from the Airport

The Canada line to Waterfront Station will stop at Vancouver City Centre, get off there
Follow the Taking Public Transportation instructions above to reach the Sutton
Alternatively, take the Canada line to the last stop, Waterfront Station
Transfer to the Expo line Eastbound (to King George or Production Way)
Get off at the first stop, Burrard Street Station
Follow the Taking Public Transportation instructions to reach the Sutton



Think Piece

Public Health Approaches and Practice in Complex Systems

Over the 2019 conference, participants will be introduced to Complex Adaptive Systems thinking, what it is, and how it can be used to create innovative solutions to population level interventions in public health within four subtopics. Two days of engaging speakers and relevant content will support attendees in professional development that addresses the everyday complexity facing a modern public health practice.

What is Complexity Science?

Complexity science is the study of systems and problems that are dynamic, unpredictable and multi-dimensional, and have interconnected relationships and parts. The study of complex adaptive systems (CAS) occurs within the paradigm of complexity science. In the challenging and changing times of public health practice today, practitioners can benefit from embracing and understanding how complexity science can support improved and proactive quality of care.

What are Complex Adaptive Systems (CAS)?

The term 'complex adaptive system' can be used to describe any system made up of interrelated components that are constantly changing. Characteristics of CAS can include both unpredictability and resilience.

Common individual responses to complex problems can be to give up, assign blame, or oversimplify solutions. Instead, we need to approach complex problems together, using our best collective responses and resources.

Complex Adaptive Systems thinking can assist with:

- Defining the problem
- Implementing interventions
- Assessing intervention outcomes

Act Local, Think Systems – CAS in Public Health

Understanding CAS theory can be useful for public health practice. CAS frameworks can put complex problems into context, and promote shared understandings and approaches that recognize interconnectedness, interdependence, and collective responsibility.

The goal is not to simplify complex systems, but to illuminate them so that the many individual and organizational players affecting public health can see their place, progress, challenges and opportunities for action anywhere within the system, in the context of the larger whole.

We need to start thinking differently

	Reductionist	Systems Thinking
Problem exploration	Isolate parts	Explore emergent nature of the whole
Goal	Solve a problem	Develop shared understanding of problem, approach, progress
Nature of problem	Understood objectively	Multiple causes, no single solution, perspective and context matter
Responsible to take action	Others	Everyone

Adapted by Dr. Finegood from [The Australian Prevention Partnership Centre](#)

Public Health in the Age of Complexity

There are many examples of complex public health issues, including pandemics and climate change. The problems targeted by preventive interventions are often complex, embedded in multiple levels of social and environmental context, and cover the developmental lifespan. The norm for much of public health services is to address complex issues in silos restricting potential for real change.

Food Security & Food Systems

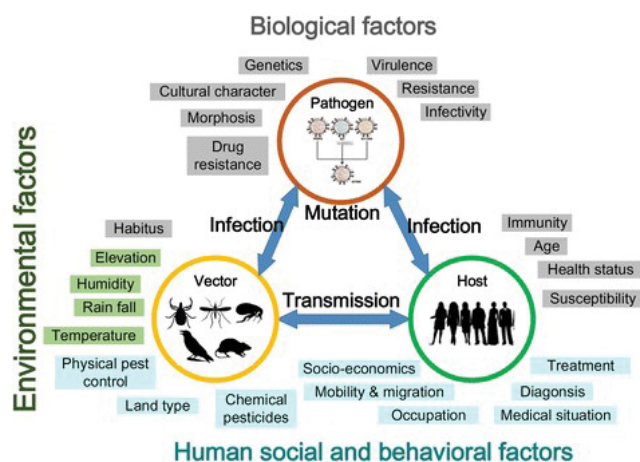
There are many different food systems with local and global components that interact and help to shape the overall outcome of food security for communities. In CAS, small changes anywhere in the system have the potential to impact other components. Farm to School initiatives are examples of local action that can strengthen regional food systems.

Immunization & Infectious Diseases

The WHO identified vaccine hesitancy as one of the top 10 global health threats of 2019. Classic epidemic modelling is based on the assumption that people are identical and behave in similar, rational ways. New models are considering the

influence of social networks, and the complexity of human behavior which can be influenced by cognitive bias and fear.

Think Piece



Xia S, Zhou XN, Liu J. 2017

Overdose Prevention & Response

Drug policy is a complex adaptive system where interactions among system actors and components have evolved along with patterns of drug use, enforcement, prevention, treatment, and harm reduction activities over time. In a CAS framework, harm reduction is a complex process where values, facts, and technologies interact in the socio-political environment.

Wicked Problems

There is no definitive formulation of a wicked problem

Wicked problems have no stopping rule

Solutions to wicked problems are not true-or-false, but better or worse

There is no immediate and no ultimate test of a solution to a wicked problem

Every wicked problem is unique

Wicked problems have no given alternative solutions

Tame Problems

Have a relatively well-defined and stable problem statement

Have a definite stopping point, i.e. we know when the solution or a solution has been reached

Have a solution which can be objectively evaluated as being right or wrong

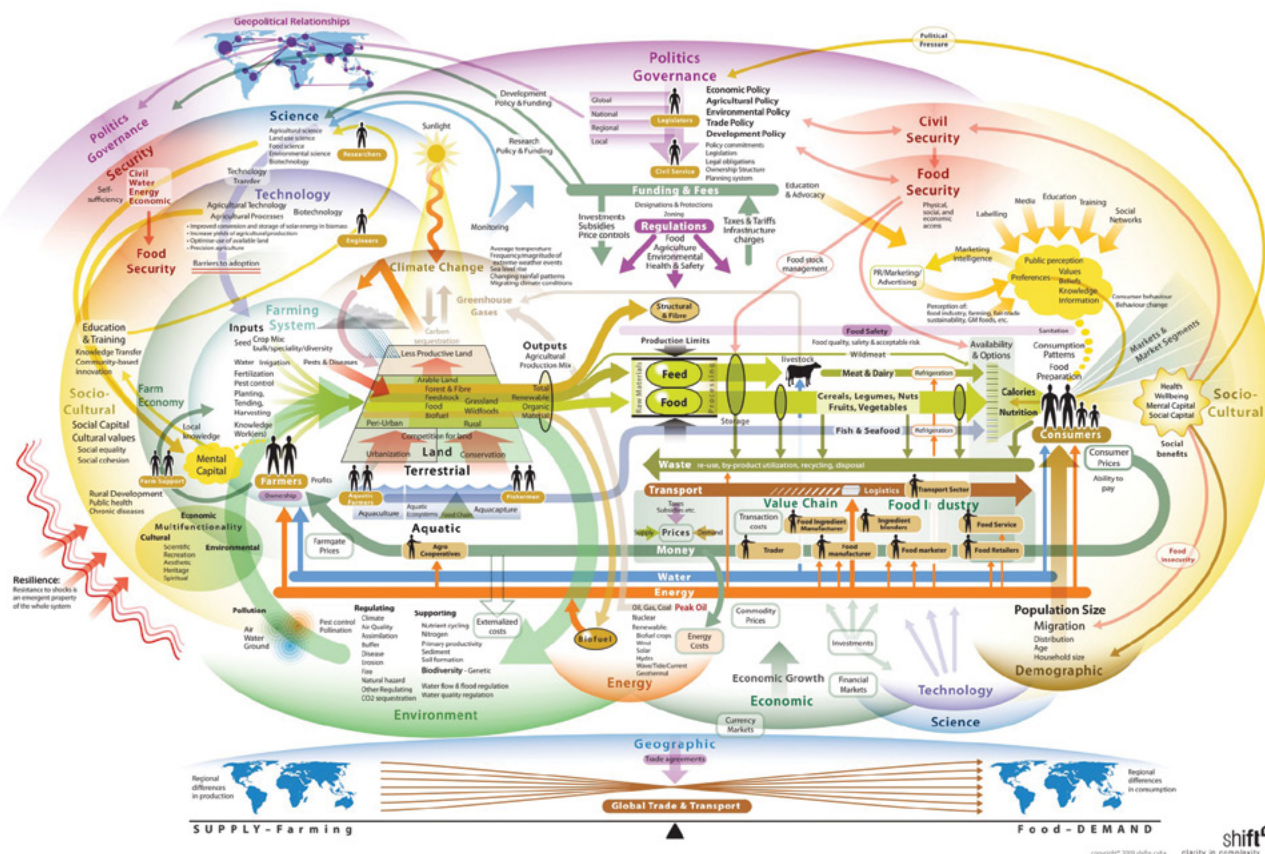
Belong to a class of similar problems which can be solved in a similar manner

Have solutions which can be tried and abandoned

Comes with a limited set of alternative solutions

Health Equity & Wicked Problems

The Systems Health Equity Lens (SHEL) is designed to inform health system planning and actions using a socio-ecological model to shift the health system towards health equity as a value, priority and set of actions



Think Piece

across all levels. Intersectionality and complexity are the theoretical foundations of the SHEL. The SHEL shifts attention away from attempts to identify 'vulnerable' or 'at-risk' populations to a focus on systems, structures and processes that create disadvantage and vulnerability.

Problems in public policy that involve complex social issues are often wicked in nature, including health inequalities. That is, they are difficult to define, offer no apparent final solutions, potentially affect a vast array of other problems

and have long been resistant to effective intervention. Resolving wicked problems within complex systems requires collaboration, shared understanding, and dialogue.

In summary, CAS thinking can underscore and support the collaborative approaches that will enable public health practitioners to maximize their reach and impact. Join us for two days of learning that will unite public health practitioners across the province Together we can do better.

Further Reading & Resources

Calancie, L., Anderson, S., Branscomb, J., Apostolico, A. A., & Lich, K. H. Preventing Chronic Disease. 2018 February, 15(E16):1-8. Using Behaviour Over Time Graphs to Spur Systems Thinking Among Public Health Practitioners. https://www.cdc.gov/pcd/issues/2018/17_0254.htm

Epstein, J. M. Nature. 2009 August 6; 460(7256): 687. Modelling to Contain Pandemics. <https://doi.org/10.1038/460687a>

Finegood, D. Public Health in the Age of Complexity. Presentation to VCH June 2018.

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Morrison, V. 2013. Wicked Problems and Public Policy. Montréal, Québec: National Collaborating Centre for Healthy Public Policy. http://www.ncchpp.ca/docs/WickedProblems_FactSheet_NCCHPP.pdf

Morrison, V. 2018. Resolving Wicked Problems: Key factors and resources. Montréal, Québec: National Collaborating Centre for Healthy Public Policy. <http://www.ncchpp.ca/docs/2019-Ineg-Resolving-Wicked-Problems-Factors-Resources.pdf>

Nelson, D. A. et al. Journal of Public Health Management and Practice 2015; 21(3 Supp): S74-S78. Using Group Model Building to Understand Factors that Influence Childhood Obesity in an Urban Environment. DOI: 10.1097/PHH.0000000000000219

Pauly, B., Shahram, S. Z., van Roode, T., Stroscher, H.W., & MacDonald, M. 2018. Reorienting Health Systems Towards Health Equity: The Systems Health Equity Lens (SHEL). [Systems Health Equity Lens](#)

Ratliff, E. A., Kaduri, P., Masao, F., Mbwambo, J. K. K., & McCurdy, S. A. Int J Drug Policy. 2016 April; 30: 7–16. Harm reduction as a complex adaptive system: A dynamic framework for analyzing Tanzanian policies concerning heroin use. [10.1016/j.drugpo.2015.12.008](https://doi.org/10.1016/j.drugpo.2015.12.008)

Siokou C, Morgan R, Shiell A. Public Health Res Pract. 2014; 25(1):e2511404. Group model building: a participatory approach to understanding and acting on systems. <http://dx.doi.org/10.17061/phrp2511404>

Stockholm Environment Institute. Food and Our Future: Sustainable Food Systems in Southeast Asia. <https://view.vzaar.com/7392344/video>

Stockholm Resilience Centre. What are Complex Adaptive Systems? <https://www.youtube.com/watch?v=BfnY9gn6ktk>

The Australian Prevention Partnership Centre. Why Use A Systems Approach? <https://www.youtube.com/watch?v=jJlCagxD0ql&feature=youtu.be>

Van Beurden, E. K., Kia, A. M., Zask, A., Dietrich, U., & Rose, L. Health Promotion International. 2011 November; 28(1):73-83. Making Sense in a Complex Landscape: How the Cynefin Framework from Complex Adaptive Systems Theory can inform health promotion practice. doi:10.1093/heapro/dar089

Waterlander, W. E. et al. Agricultural Systems. 2017; 160(2018): 124-131. Food Futures: Developing effective food systems interventions to improve public health nutrition. <https://doi.org/10.1016/j.agsy.2017.01.006>

Wujec, Tom. Draw How to Make Toast: A simple and fun introduction to Systems Thinking. <http://www.drawtoast.com/>

Xia S, Zhou XN, Liu J. Systems thinking in combating infectious diseases. Infect Dis Poverty. 2017;6(1):144. Published 2017 Sep 11. [10.1186/s40249-017-0339-6](https://doi.org/10.1186/s40249-017-0339-6)

Program at a Glance

Thursday, November 14th, 2019 7:30am - 5:00pm				
7:30 – 8:30am	Registration			
Lafite Foyer & Château Versailles				
7:30 – 8:30am	Breakfast			
Château Versailles				
8:30 – 9:30am	OPENING Traditional Land Acknowledgement & Introduction to Complex Adaptive Systems Speakers: Kevin Kelly (Kwantlen First Nation), Dr. Marjorie MacDonald (University of Victoria)			
9:30 – 10:30am	Honorary Dr. John F Blatherwick Lecture A Matter of Public Health: ‘Safer Supply’ as a Response to Canada’s Overdose Epidemic Speakers: Dr. Perry Kendall, CM (BC Centre on Substance Use), Guy Felicella (BC Centre for Substance Use), Dr. Christy Sutherland (BC Centre for Substance Use & Portland Hotel Society) Moderator: Chris Van Veen (Vancouver Coastal Health)			
10:30 – 10:50am	Wellness & Coffee Break			
	Château Margaux	Château Belair	Château Olivier	Château Mouton Rothschild
10:50 – 11:10am	From Complex Problems to Actionable Projects: The art of (Not Getting Lost in) Translation <i>Sherrill Johnson</i>	Research Capacity Building in Zambia by the World Health Organization Special Programme for Research and Training in Tropical Diseases <i>Vivian Tsang</i>	Recommendations for Tuberculosis Management among Populations Experiencing Homelessness <i>Meghan Martin</i>	Animating the Farm to School BC Movement <i>Richard Han, Margo Peill, Addie de Candole</i>
11:15 – 11:35am	Resource Allocation for Equitable Health Care in British Columbia: Learning from rural and remote communities about their health and wellbeing priorities: setting up a research agenda for health economics <i>Dr. Magda Aguiar</i>	Artificial Turf: The contributions and limits of health research in decision-making <i>Dr. Angela Eykelbosh</i>	BRCAinBC: Utilizing community capacity to address a made-in-BC problem <i>Catriona Remocker, Jane Remocker</i>	Supporting Healthy Eating Environments Through Universal School Food Programs <i>Samantha Gambling, Nicole Spencer</i>
11:40am – 12:00pm	5 Great Ideas: Technology supported solutions to complex problems <i>Mack Hardy</i>	Mapping Spatial Patterns in Vulnerability to Climate Change-Related Health Hazards <i>Dr. James Lu</i>	A Conceptual Framework for Guiding Implementation of Complex Public Health Interventions <i>Dr. Marjorie MacDonald</i>	Can You Dig It: Growing inclusive Community spaces <i>Aaren Topley</i>
Château Versailles				
12:00 – 1:00pm	Lunch & PHABC Annual General Meeting			
1:00 – 2:00pm	Contagion, Prevention and Complex Adaptation Speakers: Dr. Simon Carroll (University of Victoria), Ian Roe (Kids Boost Immunity, I Boost Immunity), Craig Thompson (Ministry of Health) Moderator: Shannon Turner (Public Health Association of BC)			

Program at a Glance

2:00 – 2:15pm	Wellness & Coffee Break			
	Château Margaux	Château Belair	Château Olivier	Château Mouton Rothschild
2:15 – 3:45pm	Self-Healing and Caring in Community: Mobilizing to address ACEs <i>Shauna Smith, Erin Daly</i>	Moving Toward Racial Health Equity Within Public Health <i>Sume Ndumbe-Eyoh</i>	Making Space for Health Equity and Cultural Safety at BCCDC Clinical Services <i>Syexwaliya Whonnock, Atticus Courtoreille, Amanda Tallio, Naomi Bob, Jessica Chenery, Jillian Arkles Schwandt, Lauren Allan</i>	Responding to Current Population Health Challenges: Rethinking structures, competencies and approaches for effectively advancing public policies aimed at the determinants of health <i>Dr. Gord Miller, Juan Solorzano, Dr. Marcelo Bravo, Sanmini Koffi</i>
	Château Versailles			
3:45 – 5:00pm	CLOSING REMARKS Speakers: Paola Ardiles (Simon Fraser University) 2019 Awards Ceremony Poster Sessions (see Poster Session section for details)			
	Lafite Foyer & Château Lafite			
3:45 – 5:00pm	Networking Event & Exhibitor Booths			

Friday, November 15th, 2019 7:30am - 4:30pm

7:30 – 8:15am	Registration			
	Lafite Foyer & Château Versailles			
7:30 – 8:15am	Breakfast			
	Château Versailles			
8:15 – 8:45am	OPENING REMARKS Speakers: The Honorable Minister Lana Popham (BC Ministry of Agriculture)			
8:45 – 9:25am	Building a Network-Of-Networks: A Strategy to Drive Intersectoral Health Promotion Action for Systems Change Speakers: Lesley Dyck (Ideas to Impact Leadership & Consulting), Dr. Irv Rootman (University of Victoria), Dr. Shari Laliberte (Vancouver Community College), Dr. John Millar (University of BC), Andrew Tugwell (BC Children's Hospital)			
9:25 – 10:10am	Wicked Problems and Health Equity Speakers: Val Morrison (National Collaborating Centre for Healthy Public Policy), Dr. Marjorie MacDonald (University of Victoria) Moderator: Rita Koutsodimos (BC Alliance for Healthy Living)			
10:10 – 10:30am	Wellness & Coffee Break			
	Château Mouton Rothschild	Château Margaux	Château Belair	Château Olivier
10:30 – 10:50am	Flu Shot Clinic	Immunization Service Availability and Readiness in Primary Health Care in Pastoral and Semi-Pastoral CGPP Ethiopia Implementation Districts <i>Bantamlak Tadesse, Tenager Tadesse</i>	Lessons Learned in the Planning and Implementation of iOAT in an Integrated Health Care Setting <i>Rosalind Baltzer Turje, Damon Hassan</i>	Untangling the Complexity of Food Security to Develop Provincial-Level Indicators <i>Melanie Kurrein, Dr. Barbara Seed</i>

Program at a Glance

Château Mouton Rothschild		Château Margaux	Château Belair	Château Olivier
10:55 – 11:15am	Flu Shot Clinic	Navigating the Complex Boundaries of Support and Stigma with an Invisible Injury: Factors that aid or delay recovery and return-to-work following concussion <i>Denise Beaton</i>	Designing Collaborative Solutions: Supporting Experiential Workers in Overdose Response Environments <i>Zahra Mamdani, Lacey Mesley, Peter Woodraw, Ryan Williams</i>	Shifting the Discourse on Household Food Insecurity: Reflections on navigating the complexities of food security <i>Henry Lau, Melanie Kurrein</i>
11:20 – 11:40am		The Use of Systems Thinking in Public Health Strategy Design <i>Joslyn Trowbridge</i>	Lessons Learned from Canada’s Supervised Consumption and Overdose Prevention Site Service Providers Teleconference <i>Patrick McDougall, Carly Welham</i>	Conceptualizing the Intangible: Evaluating the systems-level impacts of community-based food initiatives <i>Vanessa Daether</i>
11:45am – 12:05pm		Fall-Related Deaths Among Older Adults in British Columbia: cause and effect of policy change <i>Denise Beaton</i>	Association Between Prescription Opioids and Hepatitis C Virus Seroconversion Among People Who Use Injection Drugs in British Columbia <i>James Wilton</i>	Building Bridges for a Maternity Home for Pregnant Women of North Vancouver Island <i>Tracy Hnidy, Dr. Elizabeth Hartney</i>
Lafite Foyer & Château Versailles				
12:05 – 12:30pm	Lunch			
12:30 – 1:00pm	LANCET Climate Health Dialogue			
Château Mouton Rothschild		Château Margaux	Château Belair	Château Olivier
1:00 – 2:30pm	Resolving Wicked Problems: Practical Approaches <i>Val Morrison</i>	Project Inclusion: Confronting anti-homeless & anti-drug user stigma in BC <i>Caitlin Shane, Dave Hamm, Meenakshi Mannoe, Samona Marsh</i>	Fostering Psychological Safety to Support Organizational Capacity for Health Equity Action <i>Sume Ndumbe-Eyoh, Dr. Katrina Plamondon</i>	Thinking and Intervening in Complex Systems: Skills and Tools for Action <i>Charles Lee</i>
2:30 – 3:00pm	Wellness & Coffee Break			
Château Versailles				
3:00 – 4:00pm	Honorary Dr. Trevor Hancock Lecture Simplifying Complexities in Food Systems Speakers: Dr. Tammara Soma (Simon Fraser University), Melanie Kurrein (BC Centre for Disease Control), Lori Snyder (Earth Awareness Realized Through Health) Moderator: Richard Han (Farm to School BC)			
4:00 – 4:30pm	CLOSING REMARKS Speakers: Theresa Healy (University of Northern BC), Angie Todd-Dennis (Nak’azdli First Nation)			

Listing of Presentations

Presentations are subject to change.

Thursday, November 14th, 2019 8:30am - 3:45pm

PLENARIES

Traditional Land Acknowledgement & Introduction to Complex Adaptive Systems

*Thursday November 14th, 2019
8:30am-9:30am, Château Versailles*

Speakers

Kevin Kelly, Kwantlen First Nation
Dr. Marjorie MacDonald, University of Victoria

We have invited **Kevin Kelly** and his next-of-kin, from the Kwantlen First Nation, to open our conference with a traditional land acknowledgement and welcoming ceremony. He will be representing the Chief of the Kwantlen First Nation, Marilyn Gabriel, and we are privileged to have him attend on her behalf.

Immediately following the opening, we will welcome SPC co-chair, **Dr. Marjorie MacDonald**, to provide a short presentation introducing delegates to complex adaptive systems, systems thinking and complexity science. This knowledge base will facilitate greater understanding of our subtopics as we explore current issues in public health through the two-day conference.

A Matter of Public Health: 'Safer Supply' as a Response to Canada's Overdose Epidemic

*Thursday November 14th, 2019
9:30am – 10:30am, Château Versailles*

Speakers

Dr. Perry Kendall, Co-interim Executive Director - BC Centre on Substance Use, Member of the Order of Canada
Guy Felicella, Peer Clinical Advisor - BC Centre for Substance Use
Dr. Christy Sutherland, Education Physician Lead – BC Centre for Substance Use, Medical Director – Portland Hotel Society

Moderator

Chris Van Veen, Director, Strategic Initiatives and Public Health Planning - Vancouver Coastal Health)

Drug policy is a complex adaptive system where interactions among system actors and components have evolved along with the composition of the illicit drug supply, patterns of drug use, enforcement/criminal justice, prevention, treatment, and harm reduction activities over time. Recently, drug user advocate groups and public health officials have called for the distribution of a "safer supply" of opioids to reduce harms associated with substance use and decrease risk of death. During this panel we will use the CAS framework to understand the 'safer supply' movement as complex processes where values, evidence, and technologies interact in the socio-political environment. The objectives of this panel are:

- To ground the emerging calls for "safer supply" within a complex adaptive approach to public health practice;
- To provide an overview of the ways in which advocacy groups and public health officials are defining "safer supply", and why they view it as an urgent policy response in the context of the provincial overdose emergency;
- To generate an understanding of the complex legal and regulatory environment surrounding safer supply, and identify the policy shifts required to scale up public health "safer supply" initiatives for people at risk of overdose deaths; and
- To encourage participants to consider their personal and professional roles in reducing barriers to "safer supply"

Listing of Presentations | Thursday, November 14th

ORAL PRESENTATIONS - 10:50AM - 12:00PM

From Complex Problems to Actionable Projects: The Art of (Not Getting Lost in) Translation

Thursday November 14th, 2019

10:50am-11:10am - Château Margaux

Sherrill Johnson, *Project Manager, City of Edmonton*

Public health practitioners and municipal government policy staff share many of the same professional concerns, especially with respect to improving the social determinants of health. Both are routinely required to negotiate through complex problems, and attempt to address these problems - and improve outcomes - through the development and successful implementation of project-based activities.

In this presentation, we will share some of the strategies we've used turn translate complex, wicked problems into actionable projects; focusing on 'why', 'how', and 'help, I'm lost!'

Research Capacity Building in Zambia by the World Health Organization Special Programme for Research and Training in Tropical Diseases

Thursday November 14th, 2019

10:50am-11:10am - Château Belair

Vivian W. L. Tsang, *Researcher, World Health Organization, University of British Columbia, BC Centre for Disease Control*

The Special Programme for Research and Training in Tropical Diseases has a long history of supporting research capacity building in low-middle-income countries to support global scientific efforts to tackle diseases of poverty. Over the past 40 years, they have facilitated a number of grants with the ultimate aim of strengthening research capacity at a local level. Though alumni of this program share desires to connect with experts in other countries and to participate in opportunities for mentorship and collaboration, there has been a lack of engagement. This project ascertains current information of alumni since the initiation of these grants and provides direction to improve engagement of researchers and clinicians.

Recommendations for Tuberculosis Management among Populations Experiencing Homelessness

Thursday November 14th, 2019

10:50am-11:10am - Château Olivier

Meghan Martin, *Regional Immunization Leader, Fraser Health*

In 2018, the Fraser Health region experienced a tuberculosis outbreak among people experiencing homelessness. In order to develop an evidence-based and equity-informed response, best practices for TB prevention and response in this population were gathered from a variety of sources. These sources included: existing guidelines, peer reviewed literature, and key informant interviews. Fraser Health has compiled a document outlining the key recommendations that were uncovered for managing TB among populations experiencing homelessness. This presentation will review the methods of information gathering, the recommendations developed, and how the application of a health equity lens can influence future outbreak response.

Animating the Farm to School BC Movement

Thursday November 14th, 2019

10:50am-11:10am - Château Mouton Rothschild

Richard Han, *Provincial Manager, Farm to School BC*
Margo Peill, *Northwest Region Animator, Farm to School BC*
Addie de Candole, *Kamloops Region Animator, Farm to School BC*

The Farm to School BC Network is a diverse and expanding provincial network that promotes, supports and links schools and communities working to bring healthy, local, just and sustainable food sourcing and food systems education into BC schools. The Farm to School framework enriches the connection school communities have with their local food producers by working to change food purchasing and education practices in schools. Students gain access to healthy local food, as well as hands-on experiential learning opportunities that foster food literacy such as school gardens, cooking lessons and farm/food system field trips.

Listing of Presentations | Thursday, November 14th

Resource Allocation for Equitable Health Care in British Columbia: Learning from rural and remote communities about their health and wellbeing priorities to inform a research agenda for health economics

*Thursday November 14th, 2019
11:15am-11:35am – Château Margaux*

Dr. Magda Aguiar, *CIHR Health System Impact Postdoctoral Fellow, Faculty of Pharmaceutical Sciences, University of British Columbia*

This presentation will focus on the complexity of resource allocation decisions in British Columbia and how going beyond traditional methods and embracing participatory research and complex systems theory might contribute to better approaches to priority setting. We will reflect on how the different contexts of resource allocation in British Columbia challenge traditional assumptions made in health economics and provide opportunities for partnership and collaboration. Taking the case of the Northern BC context, we will share insights on the strengths and challenges of equitable health care service delivery. A research agenda to inform equitable and efficient resource allocation will be proposed.

Artificial Turf: The contributions and limits of health research in decision-making

*Thursday November 14th, 2019
11:15am-11:35am – Château Belair*

Dr. Angela Eykelbosh, *Environmental Health and Knowledge Translation Scientist, National Collaborating Centre for Environmental Health, BC Centre for Disease Control*

Artificial turf continues to elicit public health concern as a potential risk to children's health, which has prompted research investment to generate better and more comprehensive risk assessments. This presentation will examine the aspects of artificial turf that heighten risk perception. It will provide a brief summary of recent artificial turf research, and discuss the objectives and potential pitfalls of as yet unreleased work. We will also discuss risk communication and management approaches to address health concerns, as well as the need to move the artificial turf debate into a larger arena to understand its full impacts on community well-being.

BRCAinBC: Leveraging community capacity to address a made-in-BC problem

*Thursday November 14th, 2019
11:15am-11:35am – Château Olivier*

Catriona Remocker, *Co-Founder, BRCAinBC Committee, Congregation Beth Israel*

Jane Remocker, *Co-Founder, BRCAinBC Committee, Congregation Beth Israel*

BRCAinBC initiative was born out of concern for the lack of awareness and misinformation around the high risk of carrying the BRCA genes for Ashkenazi Jewish people and how this affects prevention, detection and treatment of cancers within this population. Utilizing dialogue and a health promotion approach, our committee identified four areas of community concern: 1) poor awareness of risk; 2) insufficient access to genetic counselling and testing; 3) limited social support for carriers and 4) genetic discrimination. Leveraging existing community capacity, we are addressing these gaps with minimal funding. Solutions include existing systems-integrated information access to support physician education, a community KT website and supporting multi-stakeholder engagement and inter-generational dialogue.

Supporting Healthy Eating Environments Through Universal School Food Programs

*Thursday November 14th, 2019
11:15am-11:35am – Château Mouton Rothschild*

Samantha Gambling, *BC Lead, Coalition for Healthy School Food, Public Health Association of BC*

Nicole Spencer - Public Health Dietitian, Vancouver Coastal Health, Child & Youth Vancouver Community & Clinical Instructor, Faculty of Land & Food Systems, University of BC Dietetics

This presentation will introduce the Coalition for Healthy School Food's efforts to secure public investment in a cost-shared, universal, healthy school food program for all children and youth in BC and Canada. In particular, we will discuss the guiding principles of the Coalition's proposed school food program, including ways in which this program can promote healthy eating environments and encourage healthy relationships with food.

Listing of Presentations | Thursday, November 14th

5 Great Ideas:

Technology supported solutions to complex problems

Thursday November 14th, 2019

11:40am-12:00pm – Château Margaux

Mack Hardy, Chief Executive Officer of Affinity Bridge

The presentation will focus on how a great idea can create significant impact, but often the solution to hard problems is complex. I'll review the principles of design thinking, agile process and evidence based user experience design. The session will give a very high level view of 5 great ideas and their solutions, Arrival Advisor Refugee and Immigrant settlement app, ImmunizeBC Vaccination status checker which talks to Panorama, Kids Boost Immunity, MyHealthMyCommunity registration and engagement system, Appetite to Play, and Community Knowledge Keeper, geographic information system for manageindependent traditional knowledge.

Mapping Spatial Patterns in Vulnerability to Climate Change-Related Health Hazards

Thursday November 14th, 2019

11:40am-12:00pm – Château Belair

James Lu, Medical Health Officer, Vancouver Coastal Health

The Climate Vulnerability Mapping Project was formed to geospatially assess vulnerability patterns and to identify priority areas of action to address inequity. Specifically, we created and mapped health vulnerability index scores describing variability in community risks to inland flooding/ sea level rise, extreme heat, wildfire smoke, and ground-level ozone across neighborhoods in the Vancouver Coastal Health and Fraser Health regions in British Columbia. We conducted systematic literature reviews to identify determinants, collected data from publicly available sources, and applied statistical and geospatial tools to map 16 index scores across the health regions. An online interactive mapping tool was created to disseminate findings.

A Conceptual Framework for Guiding Implementation of Complex Public Health Interventions

Thursday November 14th, 2019

11:40am-12:00pm – Château Olivier

Dr. Marjorie MacDonald, Professor Emerita, School of Nursing, Adjunct Professor, School of Public Health & Social Policy, & Scientist, Canadian Institute of Substance Use Research, University of Victoria

Using realist synthesis, a review methodology congruent with complexity science, we studied public health (PH) interventions to identify what works for whom and under what conditions. Unfortunately, most implementation frameworks are not a good fit for PH. We used a comprehensive implementation framework (CFIR) to develop a coding scheme for studying PH interventions. As expected, we identified significant gaps in CFIR (e.g., community characteristics and engagement, implementation outcomes) important for public health. We revised the framework accordingly so it will be useful to PH practitioners and policy makers both prospectively to guide successful implementation and retrospectively to study the implementation process.

Can You Dig It: Growing Inclusive Community Spaces

Thursday November 14th, 2019

11:40am-12:00pm – Château Mouton Rothschild

Aaren Topley, Provincial Manager, Can You Dig It

Municipalities throughout BC have their own policies and practices that govern urban food production and community growing spaces. In an urban setting, municipalities often silo their strategies, practices and policies on land-use and development for urban farming and community food production, which creates unfavourable and challenging conditions that reduce the intended benefits of these spaces. Learn about how Can You Dig It is transforming communities and creating urban neighbourhoods that are sustainable, inclusive, beautiful and abundant with food.

PLENARIES

Contagion, Prevention and Complex Adaptation

Thursday November 14th, 2019

1:00pm – 2:00pm, Château Versailles

Speakers

Dr. Simon Carroll, Assistant Teaching Professor,
Department of Sociology - University of Victoria

Ian Roe, National Manager - Kids Boost Immunity & I
Boost Immunity

Craig Thompson, Director of Immunization - BC Ministry
of Health

Moderator

Shannon Turner, Executive Director - Public Health
Association of BC

Over the course of this panel, conference delegates will be given an overview of the current body of literature studying infectious disease outbreaks as complex adaptive systems. Within this systems framework, infectious disease transmission is a complex, multifaceted system and therefore disease response must be modeled using the same framework. We will then look at current issues to disease response in BC including vaccine hesitancy and knowledge translation; two agents which massively affected the recent measles outbreak in the lower mainland and southern Vancouver Island. In order to combat those volatile agents, new thinking is needed to create social innovation at the population level. Programs such as I Boost Immunity and Kids Boost Immunity will be highlighted as effective population level interventions.

WORKSHOPS - 2:15 – 3:45PM

Self-Healing and Caring in Community: Mobilizing to Address ACEs

Thursday November 14th, 2019

2:15pm-3:45pm - Château Margaux

Shauna Smith, Overdose Public Health Nurse, Fraser
Health

Erin Daly, Community Health Specialist, Fraser Health

Through this experiential workshop, the facilitators will introduce the existing models they drew from to create their localized approach to address adverse childhood experiences (ACEs) and cultivate community resiliency. Then participants will engage in practices and activities to uncover their perspectives about what self-healing and caring might look like in their local contexts, co-creating a micro-self-healing/caring community in the process.

Moving Toward Racial Health Equity Within Public Health

Thursday November 14th, 2019

2:15pm-3:45pm – Château Belair

Sume Ndumbe-Eyoh, Senior Knowledge Translation
Specialist, National Collaborating Centre for Determinants
of Health

Systemic racism leads to racial health inequities for Indigenous and racialized peoples. Given profound and persistent racial inequities, organizations need to implement strategies to address racial equity in public health practice. The workshop will introduce participants to racism as determinant of health and approaches to addressing racism at the institutional level. Using a racial equity tool focused on implementing an impact-driven process, we will provide participants with real-life examples of anti-racist institutional change.

Listing of Presentations | Thursday, November 14th

Making Space for Health Equity and Cultural Safety

*Thursday November 14th, 2019
2:15pm-3:45pm – Château Olivier*

Syexwaliya Whonnock, Squamish Nation Elder and Knowledge Keeper

Atticus Courtoreille, Two Spirit Educator, YouthCo Yúusnewas Team

Amanda Tallio, Cultural Connections Coordinator, YouthCo Yúusnewas Team

Naomi Bob, Project Coordinator, PHSA Indigenous Health

Jessica Chenery, Team Lead, Chee Mamuk - BC Centre for Disease Control, PHSA

Lauren Allan, Operations Coordinator, Clinical Prevention Services - BC Centre for Disease Control, PHSA

Jillian Arkles Schwandt, Public Health Manager HIV/STI Services, BC Centre for Disease Control, PHSA

The Making Space Project attempts to disrupt the experiences of racism, discrimination and stereotyping experienced by Indigenous people and recognizes structural inequities and harm are often upheld and perpetuated by mainstream health systems, services and organizations. The workshop will draw on key learnings from the project to foster a discussion that will allow people think through how they may undertake this work.

Responding to Current Population Health Challenges: Rethinking structures, competencies and approaches for effectively advancing public policies aimed at the determinants of health

*Thursday November 14th, 2019
2:15pm-3:45pm – Château Mouton Rothschild*

Dr. Gordon Miller, President, Public Health Association of BC & Adjunct Professor, School of Child and Youth Care, University of Victoria

Juan Solorzano, Executive Director, Population Health, Office of the Chief Medical Health Officer, Vancouver Coastal Health

Dr. Marcelo Bravo, Researcher in Residence, VCH Population Health, UBC Policy Studio

Sanmini Koffi, Project assistant, VCH Population Health, UBC Policy Studio

This interactive workshop will explore the assets and barriers for advancing public policies aimed at improving the determinants of health. It will explore the Vancouver Coastal Health approach through its Healthy Public Policy Project and the Policy Studio process. Participants will actively engage in assessing their own healthy public policies competencies regarding their work in advancing determinants of health agendas. This workshop in the form of a world café, will also support an institutional diagnosis of BC health agencies in order to sustain institutional learning and capacity development efforts.

Friday, November 15th, 2019, 8:15am - 4:30pm

PLENARIES

Opening Remarks

Friday November 15th, 2019

8:15am-8:45am, Château Versailles

Speakers

The Honorable Minister Lana Popham

BC Minister of Agriculture

We are excited to announce the honourable BC Minister of Agriculture, Lana Popham, as the opening speaker for day two of our conference. She will welcome conference delegates to a jam-packed second day and speak about some important and exciting food systems projects her ministry has been working on.

Building a network-of-networks – a strategy to drive intersectoral health promotion action for systems change and health equity

Friday November 15th, 2019

8:45am-9:25am, Château Versailles

Speakers

Lesley Dyck, Principal - Ideas to Impact Leadership and Consulting

Dr. Irv Rootman, Adjunct Professor, School of Public Health and Social Policy - University of Victoria

Dr. Shari Laliberte, Faculty, Nursing, School of Health Sciences - Vancouver Community College

Dr. John Millar, MD, FRCP(C), MHSc, Clinical Professor Emeritus, School for Population and Public Health – University of BC

Andrew Tugwell, Director, Health Promotion & Prevention - BC Children's Hospital

This 40-minute 'conversation' between conference attendees and plenary speakers will start with a summary of the work that has been done to date to develop a [Health Promotion BC](#) network-of-networks to revive the [Ottawa Charter for Health Promotion](#) in BC. We will draw on the 'network weaving' approach developed by [June Holley](#) to explore how our network-of-networks can build off previous community organizing models in the BC context using the four principles of a system shifting network.

The discussion will focus on three emerging questions, each addressed by one of the panelists:

- **Scope of practice** - How can engagement in an inter-sectoral network help nurses (and others) work to their full scope of practice?

- **Advocacy** - What role does a network-of-networks have in supporting successful advocacy for systems change and health equity?
- **Resources** - How could a network-of-networks attract the necessary resources for transformational system change in support of health promotion, both within the health sector and in the community?

The vision is to create an intentional network-of-networks that works collaboratively to address the issues at the root of health inequity in a self-sustaining and adaptive way. The audience will help to explore what kinds of structures and resources are necessary to sustain this type of network so that it can adapt to the changing environment and provide a space for all of the partners, including public health, to work together in a transformative way.

Wicked Problems and Health Equity

Friday November 15th, 2019

9:25am-10:10am, Château Versailles

Speakers

Dr. Marjorie MacDonald, Professor Emerita, School of Nursing, Adjunct Professor, School of Public Health & Social Policy, & Scientist, Canadian Institute of Substance Use Research - University of Victoria

Val Morrison, Scientific Advisor - National Collaborating Centre for Healthy Public Policy

Moderator

Rita Koutsodimos, Executive Director – BC Alliance for Healthy Living

Health inequity is a wicked problem. Wicked problems are problems that are difficult to fully define, persistent, intractable, and potentially affect an array of related issues. Learning about wicked problems, in the context of working in complex adaptive systems, can support us to think about ways to advance health equity.

The panel will begin with an overview of health equity and complex adaptive systems. We will then draw the links between the overall theme of complexity and the concept of wicked problems. From there, we will define wicked problems, including an exploration of health inequities as wicked problems, and ways of working towards resolving them.

Listing of Presentations | Friday, November 15th

ORAL PRESENTATIONS, 10:30 – 11:15AM

Immunization Service Availability and Readiness in Primary Health Care in Pastoral and Semi-Pastoral CGPP Ethiopia Implementation Districts*

Friday November 15th, 2019

10:30am-10:50am – Château Margaux

Bantamlak Tadesse, *Health & Nutrition Coordinator, Ethiopian Orthodox Church Development and Inter-Church Aid Commission*

Tenager Tadesse, *Monitoring & Evaluation Officer, Ethiopian Orthodox Church Development and Inter-Church Aid Commission*

The availability of immunization services and readiness of skilled health workers in health institutions to deliver potent vaccines to end users are important inputs contributing to the reduction of child morbidity, mortality from vaccine-preventable diseases. This study assessed immunization service availability and readiness in the specified area using a facility-based cross-sectional survey employed in 2016. Observation checklist were used to collect data. Overall, immunization service readiness was 56.6% and the proportion of primary health care units found to have functional refrigerators were 65%. In conclusion these PHCUs should be equipped with functional refrigerators; antigens should be available at the PHCUs daily to avoid missed opportunities.

**This presentation will be completed remotely via videoconferencing technology*

Lessons Learned in the Planning and Implementation of iOAT in an Integrated Health Care Setting

Friday November 15th, 2019

10:30am-10:50am – Château Belair

Rosalind Baltzer Turje, *Senior Director of Clinical Programs, Dr. Peter AIDS Foundation*

Damon Hassan, *OAT Lead Registered Nurse, Dr. Peter AIDS Foundation*

In 2019, the Dr. Peter Centre (DPC) integrated an injectable opioid agonist therapy (iOAT) pilot program into the broad range of health care services already available

to clients. Since then the project team has been evaluating the implementation and effectiveness of iOAT using an integrated model of care.

This presentation will share findings on the impact that wrap around services offered at the DPC have on iOAT service retention and will highlight lessons learned in designing program delivery for this environment. iOAT is an important strategy in addressing the overdose epidemic and insights from our program aim to encourage scale-up of this promising safe supply service across British Columbia.

Untangling the Complexity of Food Security to Develop Provincial-Level Indicators

Friday November 15th, 2019

10:30am-10:50am – Château Olivier

Melanie Kurrein, *Provincial Manager, Food Security, Population & Public Health, BC Centre for Disease Control, Provincial Health Services Authority*

Barbara Seed, *Food and Nutrition Policy Consultant, B. Seed Consulting*

Food security is complex in both content and governance, which makes it difficult to measure and monitor. This presentation will introduce the BC Centre for Disease Control's Conceptual Framework for Food Security Indicators, which was developed to guide the food security indicator development process for B.C. This is the first food security indicator framework relevant to the Global North that combines the environmental health casual network with food security elements - it will enable program planners and policy makers to take a systematic approach about where and how they are attempting to assess, influence and monitor food security. We will share the process of the Framework and indicator development, weaving in the complexities and challenges faced throughout the process.

Listing of Presentations | Friday, November 15th

Navigating the Complex Boundaries of Support and Stigma with an Invisible Injury: Factors that aid or delay recovery and return-to-work following concussion

Friday November 15th, 2019

10:55am-11:15am – Château Margaux

Denise Beaton, *Provincial Coordinator, Injury Prevention, BC Centre for Disease Control & BC Injury Research & Prevention Unit*

The Concussion Awareness Training Tool (CATT) is a series of free-of-charge online educational modules and resources (www.cattonline.com). Due to high demand and international gaps in addressing non-sport related concussion among adults, CATT for Workers and Workplaces launched June 2019. Focus groups and interviews engaged various industries across BC and informed the development of this resource. Beyond the severity of the concussion, recovery and return-to-work are shaped by health inequities and mediating factors. Proper treatment and management of concussion includes addressing factors which aid or delay recovery and return-to-work, reducing the risk of re-injury and long-term health and economic consequences.

Designing Collaborative Solutions: Supporting experiential workers in overdose response environments

Friday November 15th, 2019

10:55am-11:15am – Château Belair

Zahra Mamdani, *Project Coordinator, BC Centre for Disease Control*

Lacey Mesley, *Research Assistant, University of Victoria*

Peter Woodrow, *Experiential Worker, RainCity Housing*

Ryan Williams, *Experiential Worker, Solid Outreach*

The presentation will highlight the key supports identified by experiential workers as needs and how these needs led to the development of the ROSE intervention. The presentation will also highlight the simple and practical strategies that are currently being implemented at two pilot organizations, as part of the ROSE intervention. Baseline data on quality of life and health perceptions of experiential workers will also be shared.

Shifting the Discourse on Household Food Insecurity: Reflections on navigating the complexities of food security

Friday November 15th, 2019

10:55am-11:15am – Château Olivier

Henry Lau, *Coordinator, Healthy Eating and Food Security, Population & Public Health, BC Centre for Disease Control, Provincial Health Services Authority*

Melanie Kurrein, *Provincial Manager, Food Security, Population and Public Health, BC Centre for Disease Control, Provincial Health Services Authority*

The Food Costing Dissemination Project aimed to shift the discussion of the Food Costing in BC report away from focusing on food costs towards food affordability (the income required to purchase a healthy diet). This presentation, through the findings from our evaluation of the dissemination, explores how shifting discourses and inspiring action around household food insecurity is complex and requires a nuanced approach to be effective. The evaluation highlights this complexity, contextualizes changes happening at a systems-level and provides clarity on how to navigate it. Findings illustrate how HFI-intervention work must be situated within the broader context of food security to be effective.

The Use of Systems Thinking in Public Health Strategy Design

Friday November 15th, 2019

11:20am-11:40am – Château Margaux

Joslyn Trowbridge, *PhD Candidate, Dalla Lana School of Public Health, University of Toronto*

This presentation represents an ongoing research project to investigate the use of a new approach to the design and development of government strategies that aim to alleviate complex social or health problems. Using data collected from interviews with policy analysts, managers and directors and strategy development documents, this study investigates how a systems thinking approach, an understanding of complexity, and action on the social determinants of health is used by government offices to inform their plans and actions on complex issues. Specifically, it aims to uncover contextual factors in the policy environment that help or hinder the use of systems thinking

Listing of Presentations | Friday, November 15th

Lessons Learned from Canada's Supervised Consumption and Overdose Prevention Site Service Providers Teleconference

Friday November 15th, 2019

11:20am-11:40am – Château Belair

Patrick McDougall, *Director of Knowledge Translation and Evaluation, Dr. Peter Centre*

Carly Welham, *Data Reporting and Evaluation Officer, Dr. Peter Centre*

This presentation will focus on lessons learned from a national teleconference for Supervised Consumption Site (SCS) and Overdose Prevention Site (OPS) service providers. Initiated in September 2017, this teleconference serves as a forum for current and prospective service providers to share information and promising practices related to SCS/OPS. To date, over 60 individuals from 20 Canadian cities have participated. The teleconference seeks to assist communities in building their capacity to offer SCS/OPS by sharing innovations and challenges amongst service providers.

The presentation will describe the initiation and evolution of the teleconference, as well as a list of key themes that emerged in the first 2 years.

Conceptualizing the Intangible: Evaluating the systems-level impacts of community-based food initiatives

Friday November 15th, 2019

11:20am-11:40am – Château Olivier

Vanessa Daether, *Doctoral Candidate, Royal Roads University*

This session will present the results of a doctoral-level research project that investigated how the impacts of community-based food initiatives can be evaluated from a food systems perspective. Inspired by the author's struggle to evaluate the, often, intangible impacts of the work of community-based food initiatives in western Canada, this presentation will highlight the strengths, limits, and opportunities of food systems thinking within an evaluation context.

Fall Related Deaths Among Older Adults in British Columbia: Cause and effect of policy change

Friday November 15th, 2019

11:45am-12:05pm – Château Margaux

Denise Beaton, *Provincial Coordinator, Injury Prevention, BC Centre for Disease Control & BC Injury Research & Prevention Unit*

Falls are the primary cause of injury-related deaths among

community-dwelling older adults, with one in three falling each year. The British Columbia Coroners Service implemented a policy in 2010 advising the reclassification of underlying causes of deaths due to falls from 'natural' to 'accidental'. This study investigates whether observed data trends reflect this change in practice, are artifacts of inconsistent reporting, or indicate a true increase in fall-related deaths. Understanding how policies can influence data capture and reporting is critical to setting goals and benchmarks for prevention and subsequent surveillance.

Association Between Prescription Opioids and Hepatitis C Virus Seroconversion Among People Who Use Injection Drugs in British Columbia

Friday November 15th, 2019

11:45am-12:05pm – Château Belair

James Wilton, *Epidemiologist, British Columbia Centre for Disease Control*

While incidence of hepatitis C virus (HCV) infections in British Columbia decreased steadily through the 2000s, it has increased in more recent years. Prescription opioids (POs) have been implicated with rising HCV incidence in some jurisdictions. Research suggests that misuse of POs prior to – as well as after – initiating injection drug use is linked to higher risk injection behaviors. Using a province-wide administrative cohort of individuals tested for HCV with linkage to pharmacy dispensation data (PharmaNet), this presentation explores the association between POs and HCV seroconversion among people who use injection drugs.

Building Bridges for a Maternity Home for Pregnant Women of North Vancouver Island

Friday November 15th, 2019

11:45am-12:05pm – Château Olivier

Tracy Hnidy, *Kwakwaka wakw Nation, MA Student, Royal Roads University*

Dr. Elizabeth Hartney, *Professor, Royal Roads University*

This action research engagement project used a talking circle methodology to bring together representatives from the Kwakwaka wakw Nation and the Campbell River Perinatal Society and other stakeholders to explore development of New Dawn House, a home for Indigenous women at risk of newborn child apprehension due to unstable housing. Resources and barriers to implementation were identified, and an action plan was developed. The presenters will discuss the rationale for such initiatives and the systemic barriers that impede their implementation.

Listing of Presentations | Friday, November 15th

WORKSHOPS - 2:15 – 3:45PM

Resolving Wicked Problems: Practical Approaches

Friday November 15th, 2019

1:00pm-2:30pm – Château Mouton Rothschild

Val Morrison, *Scientific Advisor, National Collaborating Centre for Healthy Public Policy*

In your work in public health, are you confronted with problems so complex that they appear to have no solution? Does it feel like you are forced to always start from scratch when dealing with these difficult issues? If so, you are almost certainly facing what are called 'wicked problems.' This workshop will build on the morning's presentation and present some of the practical tools for dealing with wicked problems such as health inequalities using practical exercises. Specifically, we will explore the usefulness of dialogue and dialogue mapping in dealing with wicked problems

Project Inclusion: Confronting anti-homeless and anti-drug user stigma in British Columbia

Friday November 15th, 2019

1:00pm-2:30pm – Château Margaux

Caitlin Shane, *Drug Policy Lawyer, Pivot Legal Society*
Dave Hamm, *Peer Facilitator, Pivot Legal Society*
Meenakshi Mannoe, *Manager of Community Education, Pivot Legal Society*
Samona Marsh, *Peer Facilitator, Pivot Legal Society*

This interactive workshop will include an overview of Project Inclusion, a research report published by Pivot in 2018. This workshop highlights the knowledge and expertise of people with lived experience. Presenters will provide an overview of key findings, policy recommendations and an introduction to the stigma audit. Workshop participants will be invited to consider how anti-homeless, anti-drug user stigma influences policies, practices, and laws. The presentation will also reference practical tools developed informed by Project Inclusion, including Know Your Rights: A guide for people who rely on public space and Pivot's position paper "Practical Drug Decriminalization in British Columbia."

Fostering Psychological Safety to Support Organizational Capacity for Health Equity Action

Friday November 15th, 2019

1:00pm-2:30pm – Château Belair

Sume Ndumbe-Eyoh, *Senior Knowledge Translation Specialist, National Collaborating Centre for Determinants of Health*

Katrina Plamondon, *Assistant Professor, Faculty of Health & Social Development, School of Nursing, The University of British Columbia*

Psychological safety supports the interpersonal risk-taking involved in seeking equity-oriented change. A psychologically safe environment allows practitioners and decisionmakers to reflect on the systems that manifest health inequities. It supports people to situate themselves and their organizations within these complex systems so they can explore innovative ways to reimagine their practice. By psychological safety, public health leaders and managers can engage staff in critical conversations on power, privilege and oppression. Drawing on the experience of a health authority developing its health equity capacity through transforming opioid overdose surveillance, we will demonstrate how psychological safety can enhance health equity capacity efforts.

Thinking and Intervening in Complex Systems: Skills and Tools for Action

Friday November 15th, 2019

1:00pm-2:30pm – Château Olivier

Charles Lee, *Founder, Organization Development and Change Consultant and Coach, Canvas Leadership Group*

This session is for all conference attendees wanting to take action and shape patterns in complex systems. You'll explore skills and tools to increase your capacity for thinking and intervening in complex systems, including mapping, adaptive action, inquiry and liberating structures; engage with others on public health issues and opportunities; experience self-organization and emergence in a complex system; and leave with strategies and next wise actions for approaching your biggest challenge.

This workshop is participatory and hands-on, and participants will engage in collective activities that support dialogue, learning, collaboration and shared understanding.

Listing of Presentations | Friday, November 15th

PLENARIES

Simplifying Complexities in Food Systems

*Friday November 15th, 2019
3:00pm-4:00pm, Château Versailles*

Speakers

Dr. Tammara Soma, Assistant Professor, School of Resource and Environmental Management (Planning Program), Research Director, Food Systems Lab - Simon Fraser University

Melanie Kurrein, Provincial Manager, Food Security, Population & Public Health - BC Centre for Disease Control, Provincial Health Services Authority

Lori Snyder, Educator of Wild, Edible and Medicinal Plants – Earth Awareness Realized Through Health

Moderator

Richard Han, Provincial Manager -Farm to School BC

The goal of this session will be to help participants understand food systems as a complex adaptive system. Food system and security will be explored through the lens of experts and practitioners about how systems-thinking can help guide us to understand and influence food systems by leveraging opportunities and addressing challenges. Through research literature and policy parameters that influence how food systems operate, participants who participate in this session will be able to better understand the complexity and multi-dimensions of the food system work itself

Conference Closing Remarks

*Friday November 15th, 2019
4:00pm-4:30pm, Château Versailles*

Speakers

Dr. Theresa Healy, Adjunct Professor -University of Northern BC

Angie Todd-Dennis, PHABC Elder-in-Residence & Nak'azdli First Nation (Dene)

We welcome Dr. Theresa Healy, co-chair of PHABC's Capacity Building Committee, to close the conference alongside our Elder-in-Residence, Angie Todd Dennis, member of the Frog clan of the Nak'azdli of the Dene Nations.

Speaker Biographies

The Honorable Minister Lana Popham

BC Minister of Agriculture

Lana was raised on Quadra Island in a do-it-yourself community, where growing food, raising animals and harvesting from the sea was a way of life. Her interest in urban planning led her to UBC where she graduated with a degree in geography. In 1996, Lana made her home in Saanich South. She co-founded and operated Barking Dog Vineyard, the first certified organic vineyard on Vancouver Island. She also managed a crew of vineyard workers who took care of many vineyards on the Saanich Peninsula, and has been a strong advocate for food producers in Saanich for many years.

Lana served on Saanich's Planning, Transportation and Economic Development Committee and on the Peninsula Agricultural Commission. She was also president of the Vancouver Island Grape Growers Association, chair of the Certification Committee for the Islands Organic Producers Association, and a member of the Investment Agriculture Board. After being elected in 2009, Lana served as Opposition critic for agriculture for eight years. She travelled the province extensively, meeting with farmers, agricultural associations and food advocacy groups. She has championed numerous agricultural initiatives, including the Buy BC programme, improvements to the meat regulations and increased institutional procurement of local food.

As the MLA for Saanich South, Lana actively supports her constituents and has organized many community meetings, gatherings, rallies and marches. She has also spearheaded successful initiatives such as safety improvements to the intersection of Pat Bay Highway and Sayward Road.

Dr. Simon Carroll

Assistant Teaching Professor, Department of Sociology - University of Victoria

Dr. Simon Carroll is an Assistant Teaching Professor in the Department of Sociology, at the University of Victoria. He has a particular interest in the areas of sociological theory, the sociology of health and illness, and in social justice and social inequalities. His research over the past 15 years has been focused on sociological approaches to understanding health systems. Methodologically, he has been involved in an emerging approach to knowledge synthesis, called 'realist synthesis', and has published several articles and book chapters related to that approach. Simon continues to be involved in a variety of research projects as a co-investigator including the AGEWELL program of research, a multi-disciplinary national research network in technology and aging, funded under the Networks of Centres of Excellence program. Simon completed his PhD at the University of Victoria, and his Master's Degree at Lancaster University, UK.

Lesley Dyck

Principal - Ideas to Impact Leadership and Consulting

Lesley is an independent consultant, helping leaders deliver effective solutions to complex issues in public health, environment and social justice. She has over 25 years of health promotion and community development experience in Canada and internationally. Before leaving to start her own consulting company, Lesley was a Knowledge Translation Specialist with a national public

health research and advocacy organization (the National Collaborating Centre for Determinants of Health). She has also worked as a public health program manager (with Interior Health), as an international volunteer (with public health in Indonesia), as a communication coordinator and as community developer/programmer.

Guy Felicella

Peer Clinical Advisor - BC Centre for Substance Use

Guy Felicella grew up in a middle-class home in Richmond but fell into addiction at a young age. Guy spent 30 years in the repeated cycle of gangs, addiction, treatment and jail. He spent nearly 20 years residing in the two-block radius in the Downtown Eastside and using many resources, including harm reduction, to keep himself alive.

Today, Guy has escaped the grips of the turmoil that kept him suffering and resides with his wife and two young children with multiple years of recovery and sobriety under his belt. Guy is passionate about advocating for the vulnerable people who still suffer in addiction and educating communities on harm reduction and safe supply to eliminate the stigma that exists around it. Currently Guy works for Vancouver Coastal Health, Ministry of Mental Health and Addiction and the BC Centre on Substance Use. In addition, Guy attends various school districts and post-secondary institutions to educate students on addiction.

Guy spent nearly his entire life suffering from the disease of addiction and now he is using his experience to change the hearts and minds of people to the idea that recovery is harm reduction and harm reduction is recovery.

Speaker Biographies

Richard Han

Provincial Manager -Farm to School BC

As a Public Health Practitioner and the Provincial Manager of Farm to School BC, Richard Han is passionate working to improve health and well-being of populations. Ethnically Korean and a cultural adoptee of Campbell/Windsor family in Heiltsuk First Nations, Richard brings diverse and rich experiences working in: K-12 community school, child and family services, social development, health authority and universities. He is deeply invested in children's well-being, sustainable living, and continually exploring to understand how to fostering deeper connection to land, food, people and environment. Richard holds a Master of Public Health, Bachelor of Science (Hons) from Simon Fraser University.

Dr. Theresa Healy

Adjunct Professor -University of Northern BC

Dr. Theresa Healy has lived and worked in Northern BC since 1994 holding a variety of appointments at UNBC since her arrival. She has a wide range of experiences with community engagement and community-based research related to healthy community development. She considers herself fortunate to have worked with many skilled and generous teachers who are passionate about change and increasing community well-being. In particular, she has been honoured to serve many First Nations communities and groups. The powerful changes that can emerge when communities lead the way are transformative. For this reason, she is especially interested in participatory theories, tools, and methods such as Participatory Action / Community Based Research, empowerment theories for community consultation methods, innovative and creative outreach (photovoice, Digital Story Telling) and engagement strategies (e.g., Open Space, World Café, Theory of Change, Graphic facilitation), use of social media (story mapping, Storify, Hackpad, etc.).

She is also a reflective practitioner and a facilitator interested in team building and collaborative action. She brings these interests and experiences to her Adjunct Professor appointment at UNBC in the School of Environmental Planning where she teaches upper-level classes related to experiential learning and concrete tools and methods drawn from her 20+ years' experience in Northern BC. She co-supervises graduate students and sits on graduate student committees and can also serve as an external examiner. Capacity to support community leadership and direction means that skills and experience in facilitating community wisdom and vision are crucial and opportunities to learn and practice these are embedded in her classrooms.

Dr. Perry Kendall

Co-interim Executive Director - BC Centre on Substance Use, Member of the Order of Canada

Perry Kendall, CM, OBC, MD, FRCPC is the interim Co-Executive Director at the BC Centre on Substance Use. As the province's former Provincial Health Officer, Dr. Kendall was a leading voice in calling for public health approaches to substance use. During his term he advocated for the expansion of harm reduction, most notably the establishment of Insite, the first legal supervised injection site in North America. He also declared the public health emergency in response to the province's unprecedented overdose crisis. Dr. Kendall was also the author of a report on Indigenous health, which helped inform the creation of the First Nations Health Authority, still the only one of its kind in Canada. Dr. Kendall, who was born in the United Kingdom before coming to Canada, has also held leadership positions in Ontario and BC, including serving as Toronto's chief medical officer and the President of the Ontario Addiction Research Foundation. He was appointed the Order of British Columbia in 2005 and in 2019 he was appointed as a Member of the Order of Canada.

Rita Koutsodimos

Executive Director – BC Alliance for Healthy Living

Rita Koutsodimos is the Executive Director of the BC Alliance for Healthy Living (BCAHL) – which is a group of provincial organizations that advances health-promoting policies, programs and environments that support the health of British Columbians. For the past nineteen years, Rita has worked in the non-profit sector to make our communities healthier for all with a focus on chronic disease prevention and the social determinants of health. In her leadership role at the Alliance, Rita works to build consensus on collaborative action among a wide variety of partners, including NGOs, health authorities, government and researchers.

Using a government relations approach, Rita leads advocacy efforts on behalf of the Alliance and has met with provincial Ministers, MLAs, standing and caucus committees, as well as leaders of the opposition to promote healthy public policy. She has authored many policy papers, organized dialogues and also advanced healthy public policy at federal and local levels of government. Earlier in her career, Rita actively promoted solutions to climate change related to the design of our cities and transportation systems. She believes that many of the elements of communities that make them environmentally sustainable also make them good for our physical health and mental well-being.

Speaker Biographies

Melanie Kurrein

Provincial Manager, Food Security, Population & Public Health - BC Centre for Disease Control

Melanie Kurrein is the Provincial Manager of Food Security with the Population and Public Health Team with the BC Centre for Disease Control (BCCDC), Provincial Health Services Authority (PHSA). She is a registered dietitian with a master's degree in socio-cultural studies of food and has worked in food security for over 19 years at both local (health authority) and provincial levels. In her current position as the Provincial Manager of Food Security, Melanie works closely with the regional health authorities, the First Nations Health Authority and the Ministry of Health to facilitate provincial collaboration and coordination of activities to inform food security programs, policy and practice across the province. In her spare time Melanie loves to be outdoors, to spend time with her family and she loves most things to do with food including cooking, gardening and eating!

Dr. Shari Laliberte

Faculty, Nursing, School of Health Sciences - Vancouver Community College

Shari organizes and co-supervises population health promotion practicum projects for nursing students in collaboration with diverse community organizing and policy advocacy partners, with particular emphasis on addressing the socio-environmental determinants of child and youth health. Her areas of research include the use of critical qualitative research to deepen understanding regarding the inter-relation between socio-economic processes and young people's mental health and implications for multi-level and inter-sectoral youth mental health promotion initiatives and best practices in population health promotion curriculum development.

Dr. Marjorie MacDonald

Professor Emerita, School of Nursing, Adjunct Professor, School of Public Health & Social Policy, & Scientist, Canadian Institute of Substance Use Research - University of Victoria

Marjorie MacDonald is a Professor Emerita in the School of Nursing, an Adjunct Professor in the School of Public Health and Social Policy, and a Scientist in the Canadian Institute of Substance Use Research (CISUR), all at the University of Victoria. She co-directs the Research in Public Health Systems and Services Initiative (BC) (formerly CPHFRI) and is leading an initiative to develop a Public Health Systems and Services Research agenda for Canada. Marjorie held one of 15 inaugural CIHR Applied Public Health Research Chairs from 2008-2014, and was President and Past President of the Public Health Association of BC from 2011 to 2016. Research interests include public

health systems renewal, health equity, public health and primary care collaboration, adolescent health promotion and drug use prevention, and public health ethics.

Marjorie also is interested in the application of complexity science to research methods in public health.

Dr. John Millar, MD, FRCP(C), MHSc

Clinical Professor Emeritus. School for Population and Public Health – University of BC

After a 15-year career in clinical medicine, surgery, health policy and administration in the developing world Dr Millar returned to Canada where he specialized in community medicine. He then served as a Medical Health Officer in the north and on Vancouver Island before becoming the Provincial Health Officer for BC from 1992- 1998. He then served for 5 years (1998-2003) as the Vice President, Canadian Institute for Health Information and then Executive Director, Population and Public Health for the BC Provincial Health Services Authority (2003-11). Dr Millar is currently Clinical Professor Emeritus at the School for Population and Public Health, UBC and a senior associate with InSource Consulting.

Val Morrison

Scientific Advisor - National Collaborating Centre for Healthy Public Policy

Val has been a full-time scientific advisor at the Centre since 2008. She has a background in sociology specializing in race and ethnic relations, popular culture, and cultural theory. She has taught courses in Canadian society, political sociology, and the sociology of sport, notably, and continues to be a regular part-time faculty member in the Department of Sociology and Anthropology at Concordia University. Her specific interests at the Centre are health and social inequalities. The projects she is involved with include one that examines the ways that not-for-profit organizations influence policy and another on the usefulness of the concept of wicked problems as a way of addressing health inequalities.

Ian Roe

National Manager - Kids Boost Immunity & I Boost Immunity

Ian Roe is a transplanted Newfoundlander who first moved west to BC some 30 years ago to play in a rock and roll band. Ian first joined the Communications team at the BC Centre for Disease Control in Vancouver in 2004 and has had several roles at the Centre ever since. Currently, Ian is the National Manager for two online education platforms he helped found - Kids Boost Immunity and I Boost Immunity – that he is excited to tell you about.

Speaker Biographies

Dr. Irv Rootman

Adjunct Professor, School of Public Health and Social Policy - University of Victoria

Irv has been a researcher, research manager, program manager, professor and consultant in the field of health promotion for more than forty years. Currently, he is the Chair of the Steering Committee for the BC Health Literacy Network, Co-Chair of the Health Promotion Canada Professional Development Working Group and a representative for B.C. on the Executive Committee. He was a member of the U.S. Institute of Medicine Expert Committee on Health Literacy and Co-Chair of the Canadian Expert Panel on Health Literacy. He has published widely on Health Promotion and Health Literacy. In 2014, he received an Honorary Doctor of Laws Degree from the University of Victoria for his contribution to health promotion and in 2016, an award for his lifetime contribution to health promotion by the Global Forum on Health Promotion. He is the lead editor on the 3rd and 4th editions of Health Promotion in Canada.

Dr. Christy Sutherland

Education Physician Lead – BC Centre for Substance Use, Medical Director – Portland Hotel Society

Dr. Christy Sutherland is a family doctor and diplomat of the American Board of Addiction Medicine who works in Vancouver's Downtown East Side providing care to Canada's most vulnerable population.

Dr. Sutherland is the Education Physician Lead with the BCCSU and the Medical Director of the Portland Hotel Society where she leads a team of physicians and nurses who are embedded in low barrier, harm reduction projects, as well as the lead physician for the Rapid Access to Consultative Expertise (RACE) line. She received her MD at Dalhousie University and completed her Family Medicine Residency at UBC in 2010. Dr. Sutherland was recognized as the 2018 British Columbia Family Physician of the Year, as well as the recipient of a City of Vancouver Award for Excellence in 2019.

Lori Snyder

Educator of Wild, Edible and Medicinal Plants – Earth Awareness Realized Through Health

Lori Snyder is a descendant from the Powhatan, Dakota, T'suutina, Nakota, Cree, Nipissing & Anishinaabe people mixed with European ancestry. In 2013 Lori formed her company Earth Awareness Realized Through Health, sharing Indigenous ways of knowing of First People's perspective on wild, edible and medical plants. This knowledge has helped people reconnect to the wisdom of the Earth through practices that include plant identification

walks, workshops on how to make the plant medicines, illustration workshops, along with consulting on native garden design.

Teaching at elementary and secondary school, Lori recently finished facilitating with Farm2School on a 2 year pilot project planting Indigenous Foodscapes on school grounds. Other venues include UBC Farm; SFU Embark Gardens; students from the University of Gastronomic Sciences, Bra, Italy; and the Vancouver Parks Board, Douglas Community College, Van Dusen Gardens, Village Vancouver and many community gardens and centers around the Greater Vancouver District.

Today Lori care takes a Medicine Wheel garden at Moberly Arts and Cultural Centre. The garden is used by the school adjacent to the centre and by new immigrants to help identify native species. Lori's vision is to continue with insightful dialogue to replant our native plants into our urban landscape, accessing our true local foods & medicines.

Craig Thompson

Director of Immunization - BC Ministry of Health

Craig Thompson is a healthcare leader with more than 25 years of diverse experience working for provincial and municipal government, public health, university, military and NGO (emergency management) sectors. Craig is the current Director of Immunization and acting Director for Sexually Transmitted and Blood Borne Infections with the BC Ministry of Health. He is a past Co-chair of BC's Immunization Committee and is the present co-chair of BC's Immunization Promotion Working Group. Craig is a registered nurse with a BSN from Ryerson University (Toronto), and has an MBA from the University of Liverpool (UK).

Andrew Tugwell

Director, Health Promotion & Prevention - BC Children's Hospital

Andrew Tugwell is the Director of Health Promotion and Prevention with the Provincial Child Health program, BC Children's Hospital. Andrew's role is responsible for facilitating the development of and leading programs and services that promote the physical and mental health and wellbeing of children, youth and families.

Shannon Turner

Executive Director - Public Health Association of BC

Shannon is the current executive director for the Public Health Association of BC and the National Co-chair of Prevention of Violence Canada. Previous roles include Director of Public Health for Vancouver Island Health Authority. In 2008, Shannon facilitated a thirteen-country meeting in Uganda on behalf of the East, Central and

Speaker Biographies

South African Public Health Associations. Shannon has been named to the Delta Omega Society for outstanding contribution to public health by the University of Hawaii. In 2008, she was awarded the James M. Robinson Award (UBC Public Health) for her significant contributions to public health and in 2017 she was awarded the honorary life membership award from the Canadian Public Health Association. She has served the World Health Organization Global Violence Prevention Alliance for the past decade as National Co-chair of Prevention of Violence Canada. She is currently chair of the BC Alliance for Healthy Living Society and the World Health Organization Vaccine Safety Net.

Dr. Tammara Soma

Assistant Professor, School of Resource and Environmental Management (Planning Program), Research Director, Food Systems Lab - Simon Fraser University

Dr. Tammara Soma is an Assistant Professor at the School of Resource and Environmental Management (Planning Program) and the Research Director of the Food Systems Lab at Simon Fraser University. Dr. Soma is a committee member of the U.S National Academies of Science on a "Systems Approach to Reduce Consumer Food Waste". Her work has been featured in mainstream media such as Chatelaine magazine, The Globe and Mail, The Toronto Star, TVO Agenda, BBC, Huffington Post, and CTV. She has published on the topic of food system planning and food waste in numerous academic journals including International Planning Studies, Built Environment, Local Environment, and more. She holds an MSc.PI and PhD in planning from the University of Toronto.

Angie Todd-Dennis

PHABC Elder-in-Residence & Nak'azdli First Nation (Dene)

Angie was born into the Frog clan of the Nak'azdli of the Dene Nations. After she attended convent and residential schools, she received degrees from UBC (BEd) and University of Hawaii-Manoa (MPH). Her career spanned decades primarily in the teaching and health fields in program development, community engagement and as an educator, bridging the gap between indigenous communities and public institutions. At BC Women's Health Centre and Hospital Angie's provincial role was to improve indigenous women and girls' health. Her community volunteer service has included sitting on many Vancouver boards including the Friendship Centre, Luma Native Housing, Vi Fine day Shelter and Circle of Eagles transition house. As well she was the founding president of (now) Pacific Association of First Nations' Women and Vancouver Aboriginal Child and Family Services.

Chris Van Veen

Director, Strategic Initiatives and Public Health Planning - Vancouver Coastal Health

Chris Van Veen brings over a decade of progressively increased leadership experience in health authority, government, and non-profit settings. He draws on a breadth of expertise in strategic policy development, partnership work, and health and social service operations. With a strong collaborative ethos, Chris has found success through many cross-sectoral initiatives to improve the lives of people struggling with mental health, addictions, and conditions of urban poverty. As the City of Vancouver's Urban Health Planner Chris worked with community groups to implement dozens of significant projects funded through a contingency budget created to mitigate the effects of the overdose epidemic in the hardest hit community in Canada. Throughout this time, he administered over 20 high-impact grant contracts, collaborated closely with health, successfully advocated for policy change with senior levels of government, and shepherded a \$1M City capital investment in the new St. Paul's Hospital Mental Health HUB. In early 2018, Chris joined the Senior Leadership Team in Public Health at Vancouver Coastal Health where he has been tasked with engaging partner organizations to jointly implement the provincial emergency overdose response structure. Chris is also responsible for a range of research, knowledge translation, and policy initiatives across the VCH region. Chris is a current board member for the Public Health Association of BC

Posters

Thursday November 14th, 2019 3:45pm-5:00pm - Château Versailles

Some posters will remain set up on Friday and will be located around the foyer to be viewed at leisure.

Please note, authors will only be on-hand to answer any questions during the poster session & networking event on Thursday afternoon.

1. Innovative E-Harm Reduction Strategies: How to leave no one behind?

Dr. Anne Guichard, Associate Professor, University of Laval

The presentation explores the feasibility of using information and communication technology (ICT) to reduce harm among marginalized young users. A community-based research approach with street youth and community workers (Québec) show that young used ICT widely to exchange information related to drugs. Participants perceived ICT as a means of addressing existing gaps in services. They suggested developing an interactive platform for sharing information on drugs and emergency situations. Community workers considered ICT tools for remedying a lack of knowledge and skills to address these issues. Emerging issues related to inequalities in digital access, ICT literacy, ethics, and law were identified.

2. Take Home Drug Checking in British Columbia

Karmen Olson, Operations Coordinator, Harm Reduction, BC Centre for Disease Control

Overdose deaths continue at devastating rate in BC. In 2018, 87% of illicit drug overdose deaths in BC involved fentanyl or its analogues. Studies show that most people who use drugs (PWUD) would like to know about the presence of fentanyl before use and would modify their using behaviour if they were aware of the presence of fentanyl. The aim of the pilot is to evaluate the effectiveness of take-home fentanyl test strips, and to assess the feasibility and acceptability of fentanyl test strips as an overdose prevention strategy to PWUD in BC.

3. Introducing a New Health Indicator for British Columbia: Chronic disease multimorbidities

Crystal Li, Surveillance Biostatistician, Population & Public Health, BC Centre for Disease Control, Provincial Health Services Authority

People with multi-morbidity (MM), the co-occurrence of two or more disease conditions in an individual, face challenges in health management and incur higher healthcare costs. We developed a new health indicator to monitor MM among residents of British Columbia (BC). Multi-year prevalence of MM is visualized through BC Observatory's Chronic Disease Dashboard, which presents the over-time trend, age and sex breakdown, and regional maps. Our work will inform chronic disease prevention and chronic disease management strategies.

4. Frequency of Prenatal Hepatitis C Screening and Subsequent Diagnoses in British Columbia, 2018

Dr. Margo Pearce, post doctoral fellow, BC Centre for Disease Control

Hepatitis C (HCV) infection in pregnant women is concerning as it presents a health threat to both mothers and babies. Routine prenatal screening in British Columbia (BC) does not include HCV. We used BC Centre for Disease Control Public Health Laboratory data to estimate the number of women who received routine prenatal serological screening in 2018. HCV antibody tests ordered on the same day as prenatal screens were considered prenatal HCV tests. We highlight the utility of risk-based HCV screening in identifying new infections and appraise the public health benefit of prenatal HCV screening in addition to routine serology.

Posters

5. Characterization and Identification of Gaps Within the HCV Cascade of Care Among Ethnic Groups: A population-based cohort study

Dr. Margo Pearce, *post doctoral fellow, BC Centre for Disease Control*

Increasing access to the new highly effective and tolerable hepatitis C (HCV) treatments is a priority public health challenge which may require specialized programming for key populations. We assessed the HCV care cascade (testing, screening, treatment initiation, and sustained virological response) in 2018 among White, South Asian, East Asian, and Other/Unknown ethnic groups in British Columbia (BC) using the BC Hepatitis Testers Cohort. We discuss specific challenges faced by people living with HCV within different ethnic groups and the need for culturally-safe programming to maximize the potential of curative HCV therapies.

6. Geo-Spatial Equity of Care Predictors for Youth Self-Poisoning Hospitalizations in British Columbia

Anand Dhatt, *Undergrad, Faculty of Science, University of British Columbia*

The purpose of this study was to analyze the rates of youth self-poisoning hospitalizations in BC at the geo-spatial level as there is a current paucity of research in this area. We utilized geographic information systems to map the rates of self-poisoning hospitalizations (rates of self-poisoning hospitalizations per 100,000 youth population per year) and various youth mental health services. The hope is that this information can be used to highlight areas of care gaps that can inform the development of public health services and prevention strategies

7. Connect 2 Care: Evaluation of a care coordination and community outreach program for socially vulnerable patients in Calgary, AB

Hasham Kamran, *Masters of Public Health Student, Simon Fraser University*

This poster presents preliminary findings from an evaluation of Connect 2 Care (C2C), a mobile community outreach program that aims to bridge acute care, community care, and social services for vulnerable Calgarians. Data sources include administrative health data, qualitative interviews, and surveys including the housing look-back timeline. Analyses suggest the program

helps reduce emergency presentations, in-patient stays, and cumulative bed days following C2C enrollment. Furthermore, individuals experienced improved connection to healthcare, supported housing stability, and increased capacity for independence after C2C enrollment. C2C could provide insight into how similar interventions might be developed in other jurisdictions to meet the needs of socially vulnerable individuals.

8. Exploring Spatial Distribution and Social Determinants of Health Outcomes in British Columbia

Chamara Anuranga, *Economist, BC Ministry of Health*
Mengmeng Zhang, *Health Information Analyst, BC Ministry of Health*

Samantha Magnus, *Director, Methodologies & Cross Sector Analysis, BC Ministry of Health*

Heather Richards, *Executive Director, Performance, Planning & Methodologies, BC Ministry of Health*

Spatial patterns of health inequalities have implications for effective allocation of health services and resources. In this analysis, we explored relationships between health and place in British Columbia using CIHI's Population Grouping Methodology and the Canadian Index of Multiple Deprivation (CIMD). We calculated Moran's I index to identify concentration among health conditions. We found that for some of the most spatially clustered health conditions, rates are higher amongst the highest quintile for two CIMD dimensions: ethno-cultural composition and situational vulnerability. These results shed light on geographic patterns of health outcomes in B.C., and emphasize the relationship between neighbourhood-level socioeconomic status and population health.

9. Employing a Systems Lens to Promote Immunization in Newcomers to Canada: A Spotlight on the PHAC Kiosk Pilot Project at YVR Airport

Sarah Bonnell, *Analyst, Public Health Agency of Canada*

Raman Sandhu, *Public and Travel Health Officer, Public Health Agency of Canada*

Addressing the concerning resurgence of serious vaccine-preventable diseases is a top priority for the Public Health Agency of Canada (PHAC). In response, PHAC Western Region created an interdisciplinary immunization-working group who utilize systems thinking to understand and address immunization in key populations, such as newcomers to Canada. This poster presentation will explore the actions

Posters

and approaches of the working group, and highlight the innovative YVR Kiosk Pilot Project - a promotion initiative that connects newcomers at the airport with a public health nurse for immunization resources and information about regional health services.

10. Changing Practice to Support Access to On-Time Immunizations

Catharine Berghuis, *Public Health Nursing Clinical Coordinator, Island Health*

Using the health promotion strategy "Reorienting Health Services" the public health team at Westshore health unit implemented a change in practice aimed at increasing the number of infants who received their infant series of immunizations on time. We used a quality improvement framework to plan, implement, and measure the impact of pre-scheduling infants for their first immunization at the time of their birth. We found the number of infants receiving their two-month immunizations on time has increased with our change in practice. It is also possible that by removing a barrier we will increase immunization rates for infants.

11. Influence of Gut Microbiota on Obesity Development

Dr. Sehrish Ather, *University Institute of Public Health, University of Lahore & Student Ambassador, Royal Society of Tropical Medicine and Hygiene*

A very interesting field of research that has gained attention recently is the possible role of gut microbiota in the development of obesity and metabolic disorders. The gut microbiota is important for normal physiology of the host. However, differences in their composition may have different impacts on host metabolism. In addition, microorganisms can also influence the activity of lipoprotein lipase interfering in the accumulation of triglycerides in the adipose tissue. Gut microbiota seems to be an important and promising target in the prevention and treatment of obesity and its related metabolic disturbances.

12. Negative Sexual Behaviour Impacts of Gender Migrants on Canada's Borders

Dr Dodji Eric Mathey Apossan, *President, Save The Life NGO*

Kpokli Adjowa, *Gender Program Coordinator, Save The Life NGO*

Ouro-Koura Alaza, *Program Coordinator, Save The Life NGO*

Kalampai Aida, *Gender Coordinator Public Health, Save The Life NGO*

Ouro -Akpo Sadat, *Law Enforcement Coordinator, Save The Life NGO*

Hounkpe Komi, *Projects Coordinator, Save The Life NGO*

Tchekpi Kawele Gnimwede, *Prevention Health Leader, Save The Life NGO*

There have been a number of crucial issues migrants have faced for decades all over the world, especially vulnerable populations and women. Save the Life focused its studies on these populations as they travelled along this dangerous route. From December 2016 to November 2018 we followed 450 vulnerable women of 25 to 45, most of them from Nigeria or Cameroon, as they travelled through Libya. In Libya most of them faced sexual violence, 100 became pregnant and 65 babies born were HIV positive. By November 2017, only 120 reached Curacao and 65 reached the USA to be turned around due to Trump Era Administration laws, revising their goal to reach Canada. This poster presentation will highlight stakeholder initiatives to organize conjoint debates in order to reorganize situations of developing countries and educate the risks of migration to younger generations while highlighting current peer educator training initiatives in Western Africa.

Exhibitor Booths



I Boost Immunity™

I Boost Immunity™ (IBI) is a Canadian-based online grassroots immunization advocacy program, managed by the Public Health Association of British Columbia (PHABC), and funded by the BC Ministry of Health. Our content strategist works at the BC Centre for Disease Control supporting I Boost Immunity and Immunize BC. Our goal is to educate and empower the people who are pro-vaccination by providing a safe platform to discuss ideas, fact-based research, and the latest immunization news. I Boost Immunity is based on a simple idea: raising local awareness about immunization benefits you and your community. At the same time, we recognize that diseases cross local and national boundaries. It means that vaccinating anyone, anywhere in the world, benefits all of us. This is why we aim to educate our local communities, while simultaneously helping immunization efforts globally through UNICEF.



Kids Boost Immunity™

Kids Boost Immunity™ (KBI) is a free online learning resource for Canadian students that pairs local learning with a global reward: vaccines for children in need through UNICEF. Designed for students in grades 5-9 in Canada, KBI has carefully curated lessons linked with science, health or social curriculums for teachers. Topics include: germs and infections, the immune system, vaccines & antibiotics, evaluating online information sources and global inequality in health. After completing a lesson, students are directed to take a quiz where they earn vaccines in support of children through UNICEF for questions they

answer correctly. Kids Boost Immunity is a national education and advocacy initiative administered through the Public Health Association of British Columbia, with financial contribution from the BC Ministry of Health and the Public Health Agency of Canada. The program is coordinated through the British Columbia Centre for Disease Control.



Farm to School BC

The Farm to School BC Network is a diverse and expanding provincial network that promotes, supports and links schools and communities working to bring healthy, local, just and sustainable food sourcing and food systems education into BC schools.

The Farm to School framework enriches the connection school communities have with their local food producers by working to change food purchasing and education practices in schools. Students gain access to healthy local food, as well as hands-on experiential learning opportunities that foster food literacy such as school gardens, cooking lessons and farm/food system field trips.

Farm to School empowers students and school communities to make informed food choices while contributing to vibrant, sustainable regional food systems that supports the health of people, place and planet.



BCCDC Foundation for Public Health

The mission of the BCCDC Foundation for Public Health is to protect and promote health, prevent harm, and prepare for threats by inspiring vision and philanthropy.

We work in partnership with the BC Centre for Disease Control to foster the development of key partnerships and collaborations that will result in the advancement of public health in BC and beyond. Our vision is people living in healthy communities protected from infectious disease and environmental health hazards through innovative research and collaborative public health solutions



My Health My Community

Vancouver Coastal Health and Fraser Health are launching the second My Health My Community (MHMC) survey and are inviting partners to help promote the survey.

In 2013, Vancouver Coastal Health and Fraser Health launched the first ever My Health My Community (MHMC) survey - the largest local population health survey in British Columbia. The survey collected data to measure the ongoing health and well-being of our communities. The two health authorities are working with local municipalities and community groups to use the data to identify health priorities and support local governments' planning related to health and well-being.

The survey asks people, aged 18 and older, living in Metro Vancouver, the Fraser Valley, Sea to Sky, Howe Sound, Powell River and Sunshine Coast regions, to provide information about their health, lifestyle, community involvement and neighbourhoods. The first MHMC survey was completed by over 33,000 residents; our goal is 65,000 this time.

MHMC reports and community health profiles can be found online at www.myhealthmycommunity.org.

Exhibitor Booths



Pfizer Canada

Pfizer Canada is the Canadian operation of Pfizer Inc., one of the world's leading biopharmaceutical companies. Our diversified health care portfolio includes some of the world's best known and most prescribed medicines, vaccines and consumer health products. At Pfizer, we're working together for a healthier world™. To learn more about Pfizer Canada, visit pfizer.ca or you can follow us on LinkedIn, Facebook, Twitter or Youtube.



The British Columbia Health Literacy Networks, hosted by the Public Health Association of British Columbia (PHABC), was established in 2011 following two Roundtables on health literacy organized by a multi-sectoral planning committee of people and organizations interested in the issue. It was established to pursue the following three goals articulated in a Strategy paper developed by the planning committee:

The BC population has increased skills to better access, understand, communicate and evaluate health information in order to make informed decisions about their health.

The BC Health system has structures and expertise to support members of the public with different levels of health literacy.

Stakeholders from different fields and sectors are working collaboratively in an innovative and articulated manner.

In order to pursue these goals, a number of networks and organizations from various sectors committed to health literacy agreed to a structure consisting of a Steering Committee of representatives from the various

types of networks and organizations interested in health literacy, as well as the broader Network consisting of members from all of the networks and organizations. Since the establishment of this structure, the Steering Committee, hosted by the Public Health Association of B.C. (PHABC), has met to keep abreast of developments related to health literacy in British Columbia (and elsewhere) and to organize a number of activities in pursuit of the above goals such as organizing and hosting webinars on health literacy topics.



Formed in February 2003, the BC Alliance for Healthy Living Society (BCAHL) is a group of organizations that came together to form the largest health promotion team in BC history with a mission to improve the health of British Columbians. Through leadership and collaborative action, BCAHL advances health promoting policies, programs and environments that support the physical and mental well-being of British Columbians. On June 1, 2017, the alliance was incorporated as a society and our name changed to the BC Alliance for Healthy Living Society. Collectively, BCAHL members capture the attention of over 40,000 volunteers, 4,300 health and recreation professionals and 184 local governments across British Columbia. As an advocacy group, we work with government and hold them accountable to promote wellness and prevent chronic disease.



Health Promotion BC Network

The Health Promotion BC Network is an informal community of practice

that has been established to strengthen relationships between everyone in British Columbia doing health promotion work, and to actively support the work of Health Promotion Canada, a national non-profit organization exclusively devoted to advancing the practice of health promotion in Canada. Members of the Health Promotion BC Network share information using the LinkedIn Groups platform, posting interesting links, asking for help and sharing ideas. Members receive regular updates about what has been happening around BC, and the Network is always looking for volunteers to help plan and deliver professional development activities (webinars, in-person meetings etc.).



BC Centre for Disease Control

BC Centre for Disease Control

The Population and Public Health Program (PPH) at the BC Centre for Disease Control seeks to inform and advise policy and practice on emerging and priority population health issues to reduce chronic disease and preventable injury. We focus on upstream prevention approaches that seek to enhance the health of British Columbians where they live, learn, work, and play. We exchange and mobilize credible knowledge for action with a variety of partners, including government and regional health authorities.

Our current priorities are to promote health equity, and healthy schools, families and communities, as well as to address key focus areas such as population health surveillance, healthy eating and weights, physical activity, food security, injury prevention (including falls prevention) and the healthy built environment.



Thank You

We would like to thank everyone involved with putting on the 2019 conference. This event would not have been possible without the contributions and countless hours of work from the following individuals.

Scientific Program Committee Co-Chairs

We are pleased to introduce Dr. Marjorie MacDonald and Dr. Simon Carroll, our SPC co-chairs. They have worked tirelessly with the rest of our committee to oversee the development of this year's program.

Dr. Marjorie MacDonald

University of Victoria



Marjorie MacDonald is a Professor Emerita in the School of Nursing, an Adjunct Professor in the School of Public Health and Social Policy, and a Scientist in the Canadian Institute of Substance Use Research (CISUR), all at the University of Victoria. She co-directs the Research in Public Health Systems and Services Initiative (BC) (formerly CPHFRI) and is leading an initiative to

develop a Public Health Systems and Services Research agenda for Canada. Marjorie held one of 15 inaugural CIHR Applied Public Health Research Chairs from 2008-2014, and was President and Past President of the Public Health Association of BC from 2011 to 2016. Research interests include public health systems renewal, health equity, public health and primary care collaboration, adolescent health promotion and drug use prevention, and public health ethics.

Marjorie also is interested in the application of complexity science to research methods in public health.

Dr. Simon Carroll

University of Victoria



Simon Carroll is an Assistant Teaching Professor in the Department of Sociology, at the University of Victoria. He has a particular interest in the areas of sociological theory, the sociology of health and illness, and in social justice and social inequalities. His research over the past 15 years has been focused on sociological approaches to understanding health systems. Methodologically,

he has been involved in an emerging approach to knowledge synthesis, called 'realist synthesis', and has published several articles and book chapters related to that approach. Simon continues to be involved in a variety of research projects as a co-investigator including the AGEWELL program of research, a multi-disciplinary national research network in technology and aging, funded under the Networks of Centres of Excellence program. Simon completed his PhD at the University of Victoria, and his Master's Degree at Lancaster University, UK.

Scientific Program Committee

Thank you to everyone on the scientific program committee for your invaluable contributions to the development of the 2019 conference!

Shannon Turner	Executive Director, Public Health Association of BC
Dr. Theresa Healy	Capacity Building Committee Co-Chair, Public Health Association of BC
Lara Frederick	North East Preventive Public Health Program Lead, Northern Health
Alexandria Ross	Administrative Officer, Public Health Association of BC
Maureen Rowan	Capacity Building Committee Co-Chair, Public Health Association of BC
Christina Harding	Project Coordinator, Public Health Association of BC

2019 PHABC Awards

President's Award

The President's Award is given to a member of the Public Health Association of British Columbia who has shown a commitment to enabling their community, neighbourhood, housing complex or organization to address health issues. The issues include economic security, food security, environmental sustainability, preventive health actions, and ensuring involvement in decisions by those affected.

Roger Wheeler – For his extraordinary commitment to enabling his organization to address health issues while ensuring involvement in decisions by those affected.

Roger has worked numerous years within the healthcare industry where he held the position of Corporate Director, Public Health at Interior Health. During that time, he was an important decision partner with the Core Public Health Functions Research Initiative, and director of the public health emergency response to H1N1.

He is currently a Professor in the School of Business at Okanagan College in Kelowna, BC. His teaching focuses on business strategy and policy, strategic human resources management, organizational behaviour, and quantitative decision making.

Roger has presented at annual conferences for several organizations, including the PHABC, the Union of BC Municipalities, Health Work & Wellness, and the World Congress of Medical Technology. He currently sits on the Federal/Provincial Policy Committee of the Kelowna Chamber of Commerce and volunteers with the Greater Westside Board of Trade in West Kelowna.

Roger is a longtime board member and Treasurer of the PHABC. Through this role he has made valuable contributions in overseeing and ensuring the fiscal health of the Association. He has always been diligent in managing our financial affairs and his ability to explain financial and human resource concepts to other board members has been widely appreciated. His budgeting and business management expertise has greatly impacted the overall goals of PHABC

and has been an important part in our success in effectuating our mission. Roger has provided exceptional stewardship and is an invaluable resource, and thus is the deserving recipient of this year's President's award.

The Award of Merit

The Award of Merit is given to a community member who does not belong to the PHABC but who has contributed significantly to enhancing the health of their community. They may have been involved in a variety of areas that impacted in some way the broader determinants of health. Perhaps it was providing support for low cost housing, improving the food supply for low-income areas, supporting programs for children and youth, or supporting healthy lifestyles in general.

Lesley Dyck – For her significant contribution to enhancing the health of BC communities

Lesley is a health promotion and community development consultant with over 25 years of experience in Canada and internationally.

Before leaving to start her own consulting company, Lesley was a Knowledge Translation Specialist with the National Collaborating Centre for Determinants of Health (NCCDH). She has also worked as a public health program manager (population health, tobacco reduction, injury prevention), international volunteer (Public Health, Indonesia), a communication coordinator (well-being/active living) and community developer/programmer (fitness, recreation, women's health). Lesley earned her BA in Mass Communication at Carleton University and her MA in Health Promotion at the University of British Columbia.

I have been working with Lesley for the last few years on the Executive Committee of Health Promotion Canada, on the Professional Development Work Group and on the B.C. Health Promotion Network. In all of these contexts I have found her to be creative, competent, knowledgeable, hard working and a true leader highly committed to Health Promotion and Public Health.

You can find Lesley working and volunteering on projects wherever people and organizations

2019 PHABC Awards

are collaborating to build healthy and inclusive communities. She lives in the Okanagan Valley with her partner John, where they can be found working in their garden or planning their next kayak, ski or travel adventure.

Phyllis M. Baird Memorial Award

The Baird Award is given to a Community Health Nurse practicing in a rural area of BC who:

- *Demonstrates excellence in practice*
- *Is employed (or recently retired) in a provincial health unit*
- *Wishes to pursue a short or long term course relative to her/his field of interest*
- *The recipient should exhibit some or all of the following:*
 - *An excellent understanding of and keen interest in public health nursing*
 - *Leadership skills*
 - *Pride in doing an excellent job*
 - *Activity/interest in professional and/or community organizations, i.e. RNABC, PHABC, CPHA, community health nurses interest group, etc.*
 - *Eager to increase knowledge, keeps up to date by reading, extramural studies, attending workshops etc.*
 - *Demonstrates a tactful, discrete, courteous, poised manner*
 - *Able to maintain confidentiality*
 - *Exemplifies integrity, warmth, understanding, and compassion*
 - *Has a positive outlook and contributes to good morale*
 - *Excellent communication skills*
 - *Ethical - avoids or withdraws from conflict of interest situations*

Tanja Hanson – For her tireless commitment to creating healthier rural BC communities

Tanja is a practicing Registered Nurse and program leader for the Vancouver Coastal Health Public Health and Prevention program in Powell River. Tanja exhibits excellent in Public Health Nursing practice and leadership. She holds herself to high standards of evidence-informed practice and strives to integrate public health competencies in all of the work that she does.

Tanja demonstrates a leadership style that is warm, compassionate, courteous, perceptive and poised. She is highly regarded by her local and regional public health colleagues. Tanja holds a very busy position, yet she never hesitates to take on a challenge and she does this with grace and merit. She has taken part in numerous regional Public Health Nursing working groups looking at matters such as perinatal depression and anxiety pathways, standardization of youth services, and breastfeeding education modules for nurses. Tanja is often the first to offer support to both her local and regional colleagues to promote best practice initiatives. This past year, she has advocated for the nurses in her area to have the opportunity to increase their knowledge around infant mental health and trauma informed practice.

Tanja also exemplifies excellence in community advocacy and engagement. She has been very influential in supporting and advocating for respectful and non-judgemental harm reduction services in her community when Powell River was identified as having a high incidence of substance overdose deaths. Another area of passion and advocacy is social/emotional health in children. She actively worked with community agencies on Powell River Early Years programming. This multiagency collaboration worked tirelessly to reduce barriers and maintain access to early years programs for all families in their community, when previously held funding was withdrawn. They were successful in obtaining grant money for the "ORCA" bus program which delivers free early years programming to all areas of the community.

Tanja Hanson is a remarkable public health leader.

Sharon Martin Community Development Award

The Sharon Martin Community Development Award was created in November 1999 as memoriam to Sharon Martin, a visionary and staunch advocate for public and community health at national, provincial and community levels. The award recognizes a member or non-member of PHABC who has contributed significantly to community development by:

- *Supporting community capacity*
- *Advocating for social justice*

2019 PHABC Awards

- *Mentoring others in the promotion of the public's health*
- *Promoting the involvement of community members in public health programs.*

Victoria Barr – For her considerable contributions to community development

Victoria brings 25 years of expertise and passion as a research planner, specializing in the connections between community planning, health and equity. Her work involves equitable community engagement, fostering strong partnerships and developing and implementing public policy in community, school and local government settings. With a master's degree in public health and a PhD in planning, Victoria is one of only a handful of people in Canada with formal education in both health promotion and community planning.

From 2017-2019, Victoria was manager of the provincial PlanH program, on behalf of BC Healthy Communities. She is also a former faculty member at the University of Victoria and has taught healthy communities principles and strategies at five Canadian universities.

Victoria is an incredible mentor to both public health and planning students across Canada, and recently started her own consulting firm, where she is working with two former Master of Public Health students from the University of Victoria, among others. She is a strong leader and a passionate community developer. Her focus on positive health outcomes for all people makes her ideal for this award.

to promoting health through a range of policies, products/services and practices. The award is not intended to reward a specific policy, product/service or practice but rather is intended to recognize a broad commitment to addressing the determinants of health (e.g., housing and food security) that can be influenced by corporate activities (e.g., paying a living wage) and to avoid contributing to dangerous or unhealthy policies, products/services and practices (e.g., marketing unhealthy food).

Ifeoma Ozoma, Pinterest, Inc. – in recognition of extraordinary dedication to addressing the determinants of health

Ifeoma Ozoma is an inspiring example of dedication to effecting far-reaching policies to promote health. As Public Policy and Social Impact Manager at Pinterest, she has implemented a clear strategy to tackle health misinformation around cancer treatments and vaccinations.

Ifeoma recognized removing misinformation was not enough. She and her teams determined causes contributing to health misinformation (data voids). She partnered with internationally recognized health organizations such as WHO and CDC. She developed resources to create visually compelling, scientifically based Pins with these partners in multiple languages.

Ifeoma has been recognized globally for her corporate work. Her passion for disseminating reliable health information has led to a proactive and progressive strategy at Pinterest ahead of the social media accountability curve. With a continually expanding scope of misinformation to target, Ifeoma Ozoma has had a significant positive impact on the health of individuals, families and communities worldwide.

Healthy Corporate Citizen Award

Corporations play an ever-increasing part of our life not just through the products and services they produce and provide, market and sell but through their involvement in shaping society through their increasing dominance in the social, political and economic life of our communities. Corporations affect our health in both direct and indirect ways.

In order to raise awareness of the role of the corporate sector in public health and in the potential for corporations to provide leadership in improving health, PHABC has created a Healthy Corporate Citizen Award.

The award is intended for a corporation, financial institution or producer/worker cooperative that demonstrates a broad and comprehensive commitment



Exhibitor Booths

On Thursday November 14th, 2019 from 3:45pm-5:00pm we will be hosting a networking event for all conference delegates where we will be hosting our awards ceremony and poster presentations. During the afternoon event you'll have the chance to browse through a number of exhibitor booths and learn about what they do, how you can get involved and maybe even get some free swag!

Here's a peek at the organizations you'll meet below!





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