



**University
of Victoria**

Canadian Institute for
Substance Use Research

ANNUAL REPORT

04/01/19 - 03/31/20

OUR MISSION

To be an internationally recognized institute dedicated to the study of psychoactive substance use and addiction, in order to support community-wide efforts to promote health and reduce harm.

GUIDING PRINCIPLES

The work of CISUR will continue to be guided by the following principles:

- **Collaborative relationships**

Dynamic, collaborative relationships are essential for maintaining relevance to the multi-faceted concerns related to substance use and addictions. Key relationships include those with policymakers, researchers from many disciplines, practitioners and people with personal experience of substance use, addictions and related problems.

- **Independent research**

Protection from vested interests is essential to ensure that rigorous research is conducted and communicated clearly, with a view only to furthering the public interest. This will be ensured through excluding representatives of alcohol, tobacco, cannabis and gaming industries from membership of the Advisory Board and not accepting direct research funding from such sources.

- **Ethics, social equity and justice**

Commitment to solid ethical principles governing internal and external relationships, financial management, the conduct of research and the communication of research findings is essential. Also required is a commitment to the promotion of equity and fairness and the pursuit of social justice through attention to the impact of the social determinants that shape substance use and the development of health inequities.

- **Reducing risk and increasing protection**

Attention is required to both immediate factors (e.g. behavioural patterns and contexts) and distal factors (e.g. social, economic and developmental influences) to effectively address the harms from substance use and addictions across the life course.

- **Harm reduction**

Recognition that some people will continue to use psychoactive substances and experience addictions is critical, so strategies are needed to reduce harmful consequences in addition to those that aim to directly reduce or prevent high-risk behaviours.

- **Informed public debate**

Commitment to informing public debate to achieve effective public policy on substance use and addictions through the communication of research findings is required.

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Message from the Advisory Board Chair

I am pleased to report that CISUR this year welcome talented new scientists and postdoctoral fellows. The CISUR academy continues to be strengthened and we look forward also to the arrival of a new Canada Research Chair in Substance Use and Health Policy in 2021, currently being appointed.

I write this during the early months of the COVID-19 pandemic, and it is encouraging to know that CISUR is engaged in multiple funding applications to shed light on the interrelationships between substance use and COVID and that our research is if anything more relevant than ever during the pandemic. CISUR has established itself as a go to source for independent research on the extent of substance use related harms and evaluations of the effectiveness of alternative interventions and policies.



Research performance and output have also been strong with multiple national and international collaborations. Annual citations of CISUR's publications run into the thousands across multiple areas of applied policy and practice. I want to congratulate Dr. Cecilia Benoit, a research scientist at CISUR and sociologist, who is the 2020 Killam Prize winner for her work on health-care inequities.

CISUR is now also a go to source for both the traditional and social media. In 2019/20 a total of 1,631 media stories were generated by CISUR scientists and their publications.

The social media presence of CISUR continues to astound. Our website had 34,416 visitors and 94,996 page views for 2019/20. It now hosts a number of data visualisation tools covering rates of substance use, substance use related morbidity, and mortality and policy responses. These tools enable researchers and decision makers remotely to access data and use them in ways meaningful to their interests and needs.

I wish to give a very special expression of gratitude to Tim Stockwell for his 16 years as the director and steadfast champion of this distinctive and dynamic research institute. Thank you Tim! And a warm welcome to Tim Naimi the incoming director who joins the University of Victoria in August.

CISUR is in a healthy financial situation, which is vital to weather likely future challenges as research funding tightens. In 2019/2020 CISUR had access to \$4.5 million of funding distributed across multiple research and knowledge exchange projects of relevance to policy and practice in relation to reducing harms from both legal and illegal substances in Canada.

I also want to convey my appreciation to members of the Advisory Board for their support of the Institute, giving their time and knowledge and commitment to substance use research and to knowledge dissemination. It has been an honour to serve as chair of this distinguished advisory board.

Michael J. Prince, PhD

Lansdowne Professor of Social Policy, University of Victoria
Chair, CISUR Advisory Board



Message from the Director

I am delighted to conclude my 16 year tenure as CARBC and then CISUR director with the knowledge that its future is in such capable hands. We have a wonderful group of scientists, postdoctoral fellows, students and staff representing diverse academic disciplines and areas of specialisation with much energy, talent and promise. I am particularly happy that Dr Timothy Naimi will be replacing me later this summer and I will do everything I can to make the transition smooth and successful. I know that his arrival will be worth the long wait!

It has been a great honour and pleasure to have worked over the years with so many great scholars, brilliant students and wonderful people. I feel we have created an environment together in which scholars and students are free to develop their research programmes and to speak independently to the public, policymakers and practitioners. I'm grateful to the amazing staff who have helped make the office such a welcoming and supportive place. I believe we have, somehow, been able to combine academic freedom with excellence and scientific rigour with relevance.

I look forward to cheering CISUR on from the sidelines, as well as contributing a little over the next two years as a part-time Scientist. A big thank you to Michael Prince for his helping to always make all our Advisory Board meetings a great occasion and for his unfailing support and friendship to me and to CISUR over the past 12+ years.

Thank you also to our Advisory Board members, past and present. You have given your time and support freely and it has been greatly appreciated.

Tim Stockwell, PhD
Director, CISUR
Professor, Department of Psychology
University of Victoria

Directors and Faculty

Dr. Tim Stockwell
Director, Scientist (Psychology)



Tim Stockwell



Dan Reist

Dan Reist
Assistant Director for Knowledge Exchange

Dr. Cecilia Benoit
Scientist (Sociology)



Cecilia Benoit



Russ Callaghan

Dr. Russ Callaghan
Scientist (Professor, Northern Medical Program, UNBC)



Marilou Gagnon

Dr. Marilou Gagnon
Scientist (Nursing)

Dr. Mikael Jansson
Scientist (Sociology)



Mikael Jansson



Marjorie MacDonald

Dr. Marjorie MacDonald
Scientist (Nursing)



Scott Macdonald

Dr. Scott Macdonald
Scientist (Health Information Science)



Bernie Pauly



Karen Urbanoski

Dr. Bernie Pauly
Scientist (Nursing)



Bruce Wallace

Dr. Karen Urbanoski
Scientist (Public Health & Social Policy)



Jinhui Zhao



Gordon Barnes

Dr. Bruce Wallace
Scientist (Social Work)

Dr. Jinhui Zhao
Scientist

Dr. Gordon Barnes
Professor Emeritus (Child and Youth Care)

Staff (Victoria)

Stephanie Arlt
Research Assistant



Stephanie Arlt

Katrina Barber
Research Assistant



Katrina Barber

Cedar Bowers
Transcriptionist

Meaghan Brown
Research Assistant



Meaghan Brown



Piotr Burek

Piotr Burek
Research Assistant

Sam Churchill
Research Assistant



Sam Churchill



Amanda Farrell-Low

John Dorocicz
IT Support and Programming

Amanda Farrell-Low
Communications Officer/
Assistant to the Director



James Fraser



Daniel Gudiño

James Fraser
Research Assistant

Daniel Gudiño
Research Assistant



Priscilla Healey



Bonnie Kryswaty

Priscilla Healey
Research Assistant

Bonnie Kryswaty
Research Assistant

Celeste Macevicius
Research Assistant



Renay Maurice



Lacey Mesley

Renay Maurice
Research Assistant

Sydele Merrigan
Research Assistant

Lacey Mesley
Research Assistant

Staff (Victoria), cont'd

Emily Nichol
Research Assistant

Flora Pagan
Research Assistant

Alayna Payne
Research Assistant

Michaela Smith
Research Assistant

Justin Sorge
Research Associate

Heather Stroscher
Research Coordinator

Ginger Sullivan
Research Assistant

Kara Taylor
Research Associate

Joanne Thompson
Administrative Officer

Róisín Unsworth
Research Assistant

Kate Vallance
Research Associate

Thea van Roode
Research Coordinator

Julia Vander Heiden
Research Assistant

Laura Vetrone
Research Assistant



Flora Pagan



Alayna Payne



Michaela Smith



Justin Sorge



Heather Stroscher



Ginger Sullivan



Joanne Thompson



Roisin Unsworth



Kate Vallance



Thea van Roode



Julia Vander Heiden

Staff (Vancouver)

Dr. Mahboubeh Asgari
Research Associate

Dr. Tim Dyck
Research Associate

Kristina Jenei
Research Assistant

Gaëlle Nicolussi Rossi
Research Associate

Dr. Trudy Norman
Research Associate

Nicole Pankratz
Research Associate

Jamie Pozer
Research Associate

Catriona Remocker
Research Associate

Cathy Spence
Assistant to Dan Reist



Mahboubeh Asgari



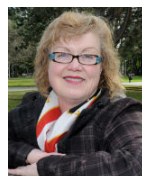
Tim Dyck



Kristina Jenei



Gaëlle Nicolussi Rossi



Trudy Norman



Nicole Pankratz



Jamie Pozer



Catriona Remocker



Cathy Spence

Post-Doctoral Fellows

Dr. Kiffer Card
(Public Health & Social Policy)

Dr. Marion Selfridge
(Social Dimensions of Health)

Dr. Sana Shahram (Nursing)

Dr. Adam Sherk
(Social Dimensions of Health)



Kiffer Card



Marion Selfridge



Sana Shahram



Adam Sherk

Advisory Board

Dr. Bonnie Henry

Provincial Health Officer, BC
Ministry of Health

Dr. Brian Emerson

Deputy Provincial Health Officer
(acting), BC Ministry of Health

Dr. Lisa Kalynchuk

Vice President Research, University
of Victoria

Dr. William Kerr

Senior Scientist, Alcohol Research
Group, Oakland, California

Gina McGowan

Director, Research Translation
and Knowledge Mobilization,
Substance Use Policy, BC Ministry
of Mental Health and Addictions

Erika Mundel

Senior Policy Analyst, BC First
Nations Health Authority

Dr. Rita Notarandrea

CEO, Canadian Centre on
Substance Use and Addiction,
Ottawa, Ontario

Dr. Michael Prince, Chair

Lansdowne Professor of Social
Policy, University of Victoria

Sandra Richardson

Chief Executive Officer,
Victoria Foundation

Rae Samson

Administrator, BC Interior Health
Authority



Bonnie Henry



Lisa Kalynchuk



William Kerr



Rita Notarandrea



Michael Prince



Sandra Richardson

Collaborating Scientists

Dr. Jeffrey Brubacher

Emergency Physician and Researcher,
Vancouver General Hospital

Dr. Jane Buxton

Professor, School of Population and
Public Health, University of British
Columbia; Physician Epidemiologist,
Harm Reduction Lead, BC Centre for
Disease Control

Dr. Erin Hobin

Scientist, Public Health Ontario

Dr. Nathan Lachowsky

Assistant Professor, School of Public
Health and Social Policy, University of
Victoria

Dr. Bonnie Leadbeater

Professor, Department of
Psychology, University of Victoria

Dr. Lenora Marcellus

Associate Professor, School of
Nursing, University of Victoria

Dr. Timothy Naimi

Professor, Boston University Schools
of Medicine and Public Health

Dr. Amanda Slaunwhite

Post-Doctoral Fellow, Department
of Sociology, University of New
Brunswick

Dr. Gerald Thomas

Director, Alcohol & Gambling
Policy, Healthy Populations and
Development, BC Ministry of Health



Jeffrey Brubacher



Jane Buxton



Erin Hobin



Nathan Lachowsky



Bonnie Leadbeater



Lenora Marcellus



Tim Naimi



Amanda Slaunwhite



Gerald Thomas

Research Affiliates

Clifton Chow

Research Coordinator, Youth Addictions, Vancouver Coastal Health Authority

Alissa Greer

BC Centre for Disease Control Harm Reduction Program Peer Engagement & Evaluation Project

Dr. Rennée O'Leary

Principal, 21st Century Literature Reviews

Kathleen Perkin

Manager, Harm Reduction Policy, BC Ministry of Health

Dr. Rachel Phillips

Executive Director, Peers Victoria Resources Society

Dr. Diane Rothon

Physician, Drug Treatment Court

Robert Solomon

Senior Legal Affiliate, Distinguished University Professor, Faculty of Law, Western University

Dr. Kara Thompson

Assistant Professor, Department of Psychology, St Francis Xavier University

Dr. Mikhail Torban

Senior Policy Analyst, BC Ministry for Mental Health and Addictions

Dr. Zach Walsh

Assistant Professor, Psychology, University of British Columbia

Ashley Wettlaufer

Policy Officer, Centre for Addiction and Mental Health & Canadian Centre on Substance Abuse

Dr. Erica Woodin

Associate Professor, Department of Psychology, University of Victoria



Clifton Chow



Alissa Greer



Rennée O'Leary



Rachel Phillips



Diane Rothon



Kara Thompson



Mikhail Torban



Zach Walsh



Ashley Wettlaufer



Erica Woodin

Graduate Students

Stephanie Arlt

Social Dimensions of Health Program (MA),
UVic

Katrina Barber

Social Dimensions of Health Program (MA),
UVic

Marina Bochar

School of Social Work (MSW), UVic

Meaghan Brown

School of Nursing (PhD), UVic

Hannah Dalton

School of Social Work (MSW), UVic

Kelly Davidson

School of Health Information Science
(MSc), UVic

Phuc Dang

Social Dimensions of Health Program
(PhD), UVic

Melissa Forsyth

Department of Sociology (PhD), UVic

James Fraser

Social Dimensions of Health Program (MA),
UVic

Peter Greenwell

Department of Sociology (PhD), UVic

Daniel Gudiño

Social Dimensions of Health Program
(PhD), UVic

Alissa Greer

Interdisciplinary Studies (PhD), University
of British Columbia

Priscilla Healey

School of Child and Youth Care (PhD), UVic



Stephanie Arlt



Katrina Barber



Meaghan Brown



Phuc Dang



Daniel Gudiño



Alissa Greer



Priscilla Healey



Renay Maurice

Jenn Keogh

Social Dimensions of Health Program
(PhD), UVic

Megan Kirk

School of Nursing, UVic

Antonio Marante

School of Health Information
Science (MSc), UVic

Renay Maurice

Department of Sociology (MA), UVic

Graduate Students Cont'd

Heather McArel

School of Public Health and Social Policy (MPH), UVic



Heather McArel



Lacey Mesley

Lacey Mesley

School of Public Health and Social Policy (MPH), UVic

Emily Nichol

Social Dimensions of Health Program (MA), UVic



Valerie Nicol



Alanya Payne

Valerie Nicol

Social Dimensions of Health Program (MA), UVic

Alayna Payne

School of Nursing (MN), UVic



Audra Roemer



Adam Sherk

Audra Roemer

Department of Psychology (PhD), UVic

Adam Sherk

Social Dimensions of Health Program (PhD), UVic



Ginger Sullivan



Róisín Unsworth

Ginger Sullivan

School of Nursing (PhD), UVic

Róisín Unsworth

Department of Sociology (PhD), UVic

Undergraduate Students

Emily Hazlehurst

School of Nursing, UVic

Jessica Kennedy

Department of Sociology, UVic

Brett Koenig

School of Social Work, UVic

Sebastian Santana

Department of Psychology, UVic

Student Stories: Emily Nichol

Program: Masters, Social Dimensions of Health

Supervisors: Karen Urbanoski and Bernie Pauly

Emily's thesis research is focused on examining how stigma is internalized, anticipated, and embodied in the context of help-seeking behaviour among women who are pregnant and who use substances. In preparation for this research, Emily has been working as a student trainee at CISUR on projects related substance use treatment services for women. Supervised by Dr. Urbanoski, she completed a directed readings course in her topic area, completing a final paper titled, "Defining success in integrated treatment programs for pregnant and parenting women who use drugs: A qualitative analysis conceptualizing outcomes." The aim of this paper was to develop a conceptual model of how treatment outcomes are defined by clients and service providers from programs that specialize in providing wrap-around services to mothers.

Emily designed and conducted an analysis of transcripts from focus groups and interviews with clients and service providers from 12 programs. Findings highlighted success as an ongoing process rather than a discrete end-point. As an outcome, substance use played a secondary role, with improvements defined primarily in terms of maternal well-being, parenting, child wellbeing and social determinants of health. The benefits to health of attending to concerns other than substance use demonstrates the need for holistic treatment models that address the unique life contexts of women. The paper was selected for an oral presentation at the 2019 Issues of Substance Conference, hosted by the Canadian Centre on Substance Use in Ottawa, where Emily presented on a panel of other students from across Canada (photo below).



COLLABORATING CENTRES

Canada

- Canadian Centre on Substance Use and Addiction, Ottawa, ON
- Centre for Addiction and Mental Health, Institute for Mental Health Policy Research, Toronto, ON
- Propel Centre for Population Health Impact at the University of Waterloo, ON

International

- Alcohol Research Group, National Alcohol Research Center, Berkeley, CA, USA
- National Drug Research Institute, Curtin University, Perth, WA, Australia
- Sheffield Alcohol Research Group, School of Health and Related Research, University of Sheffield, UK

COMMUNITY COLLABORATIONS

We would like to gratefully acknowledge the support and collaboration of many colleagues and community agencies, including the following:

Victoria:

- Aboriginal Coalition to End Homelessness
- AVI Health and Community Services
- Burnside Gorge Community Association
- CRD Child and Youth Network
- CRD Healthy Schools
- Greater Victoria Coalition to End Homelessness
- Our Place Society
- Peers Victoria Resources Society
- SOLID Outreach Society
- South Island Community Overdose Response Network
- Together Against Poverty Society
- Tri-District (Sooke, Greater Victoria, Saanich School Districts) Interagency Committee
- Umbrella Society
- Victoria Cool Aid Society

Vancouver:

- Canadian Students for Sensible Drug Policy
- Dr. Peter Centre
- Drug Users Resource Centre (DURC)
- Eastside Illicit Drinkers Group for Education (EIDGE)
- Health Initiatives for Men (HIM)
- Portland Hotel Society
- Positive Living Society of BC
- Providence Health Care
- Qmunity
- School District #39 (Vancouver)
- Vancouver Area Network of Drug Users (VANDU)
- Vancouver Coastal Health
- YouthCo AIDS Society

Featured Project: BC Co/Lab

The BC Collaborative Community Laboratory on Substance Use and Harm Reduction (BC Co/Lab) is a collaborative network for research and knowledge exchange that aims to promote health and health equity for people who use drugs (including alcohol, other licit, and illicit drugs). Funded for five years by Health Canada (2019-2024), activities include equity-oriented monitoring and surveillance, building on CISUR's Alcohol and Other Drug Monitoring Program (ongoing since 2008), and research on substance use service innovations and community responses to reduce the harms of substance use. The work is supported by ongoing collaborations with people who use drugs, families, health care providers, researchers and policy makers from across Canada.

Since starting in July 2019, the BC Co/Lab team has developed a multilevel framework that links indicators measuring structural determinants of health with downstream indicators of substance use morbidity and mortality. The structural indicators are designed to capture the policies, resources, and practices that affect health and generate health inequities. In the coming years, through ongoing monitoring and surveillance and services research, the team will continue to refine this framework, building an evidence base that can inform policies and practices to promote health and reduce health inequities. Knowledge translation and exchange activities are integrated throughout the project, with plans in place to start a Community of Practice on substance use and health equity in 2020.

Co/Lab's partner organizations are the BC/Yukon Association of Drug War Survivors (BCYADWS), SOLID Outreach Society, Rural Empowered Drug Users Network (REDUN), Island Crisis Care Society, AVI Health and Community Services, AIDS Network Kootenay Outreach and Support Society, Interior Health Authority, Island Health, BC Centre for Disease Control, BC Ministry of Health, BC Ministry of Mental Health and Addictions, Overdose Emergency Response Centre, National Collaborating Centre for Determinants of Health, Public Health Agency of Canada, Canadian Community Epidemiology Network on Drug Use, and Canadian Drug Policy Coalition.



British Columbia:

- Abbotsford Fentanyl Working Group
- Addiction Matters Kamloops
- Agassiz-Harrison Healthy Communities Committee
- Boundary LAT (Grand Forks)
- Bridge for Health (through PHABC)
- BC Centre for Disease Control
- BC Centre for Excellence in HIV/AIDS
- BC Centre on Substance Use
- BC Healthy Living Alliance (through PHABC)
- BC Mental Health and Substance Use Collaborative
- BC Ministry for Attorney General
- BC Ministry for Mental Health and Addictions
- BC Ministry of Health
- BC Ministry of Justice
- BC National Collaborating Centre for Aboriginal Health
- BC Poverty Reduction Coalition (through PHABC)
- BC School Centred Mental Health Coalition
- Canadian Mental Health Association (Vernon)
- District of Mission
- East Kootenay Harm Reduction Collaborative (Cranbrook)
- First Nations Health Authority (Interior)
- Fraser Health
- Fraser Northwest LAT (Tri-Cities)
- Haida Gwaii LAT (Queen Charlotte)
- Healthy Schools BC
- Hope Community Coalition
- Interior Health
- Lakes District LAT (Burns Lake)
- Langley Opioid Response Collaborative
- Lower Fraser Valley Aboriginal Society (Langley)
- Lower Mainland Purpose Society (New Westminster)
- Maple Ridge Opioid Overdose Response Team
- Matsqui Abbotsford Impact Society
- Nelson Fentanyl Task Force
- Northern Health Authority
- Oceanside Public Health Services (Parksville)
- Office of the Provincial Health Officer, BC Ministry of Health
- Our Cowichan Communities Health Network (Duncan)
- Pacific Community Resources Society (Chilliwack)
- People for a Healthy Community on Gabriola Island Society
- Port Alberni Shelter Society
- Positive Living North (Dawson Creek)
- Provincial Health Services Authority (PHSA)
- Public Health Association of British Columbia (PHABC)
- Richmond Addiction Services Society
- Sacred Wolf Friendship Centre (Port Hardy)
- Saik'uz First Nation
- Salt Spring and Southern Gulf Islands Community Services Society (Ganges)
- Sea to Sky Community Services (Squamish)
- School District #42 (Maple Ridge)
- School District #68 (Nanaimo-Ladysmith)
- Society to End Homelessness in Burnaby
- Sources Community Resources (White Rock)
- Sunshine Coast LAT (Sechelt)
- Surrey North Delta LAT
- Surrey Vulnerable Women and Girls Working Group
- Urban Matters (Fort St. John)
- Vancouver Island Health Authority (VIHA)
- VIU Child and Youth Care Program Centre for Community Outreach and Care (Nanaimo)

Rest of Canada:

- CAN, Canadian Association of People who use Drugs
- CAN, Canadian Centre for Justice Statistics (CCJS), Statistics Canada
- CAN, Canadian Centre on Substance Abuse, Ottawa
- CAN, Canadian Drug Policy Coalition
- CAN, Canadian Institute for Health Information (CIHI)
- CAN, MADD Canada
- CAN, National Collaborating Centre for Determinants of Health
- CAN, Public Health Agency of Canada, Ottawa
- ON, Art Manuel House, Toronto
- ON, Canadian Mental Health Association, Sudbury Branch
- ON, Centre for Addiction and Mental Health, Toronto
- ON, City of Toronto/Seaton House Annex Harm Reduction Program, Toronto
- ON, Haven Toronto
- ON, Good Shepherd Ministries, Toronto
- ON, Haldimand-Norfolk Public Health
- ON, Ministry of Transportation, Government of Ontario
- ON, National Collaborating Centre for Methods and Tools
- ON, Ottawa Inner City Health, Ottawa
- ON, Propel Centre for Population Health Impact, University of Waterloo
- ON, Public Health, Ontario
- ON, Shelter House (Kwae Kii Win Centre), Thunder Bay
- ON, Toronto Public Health
- ON, Wesley Urban Ministries, Hamilton
- NS, Dalhousie University
- NS, National Collaborating Centre for Determinants of Health
- NS, St. Francis Xavier University
- QC, Institut National de Santé Publique du Québec (INSPQ)
- QC, National Collaborating Centre for Healthy Public Policy
- YK, Yukon Liquor Corporation

Members of the CISUR team and collaborators at the Canadian Centre on Substance Use and Addiction's "Issues of Substance" conference, November 2019 in Ottawa



"To build Canadian infrastructure and capacity to conduct research and knowledge exchange that will increase understanding and support more effective responses to substance use."

Highlights

- Available income for the financial year totalled \$4.5 million with the largest proportion from new and continuing peer-reviewed grants.
- CISUR faculty were successful in obtaining 10 new peer-reviewed grants and 9 contracts during 2019/2020.
- Karen Urbanoski and Bernie Pauly's success in winning a \$2m grant from Health Canada to develop a community network of substance use observatories was particularly noteworthy.
- Bruce Wallace (below) is co-leading cutting-edge work on street-drug testing with Dennis Hore from Chemistry to help inform harm reduction responses to the opioid crisis.
- Our collaborative approach has enabled many new researchers to lend their expertise to the study of substance use related issues in the past year.



Successful applications to funding competitions

- **Integration of HIV and Hepatitis C Care in Overdose Prevention Sites: What are the gaps?** CIHR, \$39,325, 2019-2020.
- **Decolonizing and reorienting health systems towards health equity: The *xaxqanaʔ ʔitkiniʔ* (many ways of working together) Research Project**, CIHR, \$100,000, 2019-2020.
- **Monitoring and informing public health responses to substance use (BC Community Network of Substance Use Observatories)**, Health Canada, \$1,966,000, 2019-2024.
- **Managed alcohol and cannabis substitution: A feasibility study**, CIHR Catalyst Grant: Cannabis Research in Urgent Priority Areas, \$125,000, 2019-2020.
- **The role of child protection in substance use services for women**, SHRC Insight Grant, \$385,198, 2019-2023.
- **When problematic substance use, parenting, and child welfare collide: giving voice to women on processes that promote family health and wellbeing**, CIHR Strategy for Patient-Oriented Research (SPOR) Catalyst Grant, \$97,965, 2020-2021.
- **Disseminating drug checking results in response to the overdose crisis**, CIHR Planning and Dissemination Grant, \$20,000, 2019-2020.
- **A Managed Alcohol Program for Australia**, Australian Government National Health and Research Council Partnership Project, \$557,797 AUD (approx. \$501,459 CAD), 2019-2024.
- **Cannabis substitution as a component of Managed Alcohol Programs for individuals with severe alcohol use disorder and unstable housing: A pilot study**, Frederick Banting and Charles Best Canada Graduate Scholarship, \$17,500, 2020-2021.
- **Gender-based violence, substance use and pathways to resilience for young women**, Joseph-Armand Bombardier Canadian Graduate Scholarship - Doctoral Award, \$105,000 2019-2020.

Commissioned contracts won and other grants

- **Review of methodologies used to estimate alcohol health harms, analysis of low alcohol doses on health protection and comparison of drinking and alcohol-caused harms in Australia and Canada**, National Drug Research Institute (Australia), \$95,000, 2019-2021.
- **BCMHSUS evaluation development**, Provincial Health Services Authority, \$45,000, 2020-2021.
- **Youth Cannabis Prevention and Promotion Plan**, Child Health BC, \$15,000, 2019.
- **BC Partners**, Provincial Health Services Authority Contract, \$233,624, 2019-2020.
- **Canadian Substance Use Costs and Harms project update 2015-2017**, Canadian Centre on Substance Use and Addictions, \$84,572.
- **Mapping alcohol policy responses across Canadian jurisdictions**, Public Health Agency of Canada, \$25,000.
- **Modelling the public health impacts of alternative alcohol tax and price policies in Canada**, Health Canada, \$22,115.
- **Modelling the impacts of alternative alcohol tax and price policies on consumption, government revenues and health outcomes in Canada**, Public Health Agency of Canada, \$24,937.
- **Estimating the contribution of cannabis consumption in Canada to unintentional injury and other outcomes**, Canadian Centre on Substance Use and Addictions, \$75,000.

Facing page: CISUR Scientist Bruce Wallace and UVic Chemistry student Ashley Larnder test drug samples on the main floor of a hotel that has been turned into temporary housing (Photo: Briar Stewart/CBC)

Total Income for 2019/20

The figure below summarises the various sources of our income which come to a total of \$4.54 million for the 2019/20 financial year. This includes funds carried forward from previous years. The main source of income was from competitive research grant competitions with the rest evenly divided between core funding and other types of grants and contracts, for both research and knowledge exchange categories.

CISUR 2019/20 Revenue Summary

- **Research Grant Competitions**
\$1,661,443
- **Other Research Grants and Contracts**
\$1,032,515
- **Knowledge Exchange Grants and Contracts**
\$964,961
- **Endowment and Overheads**
\$881,287

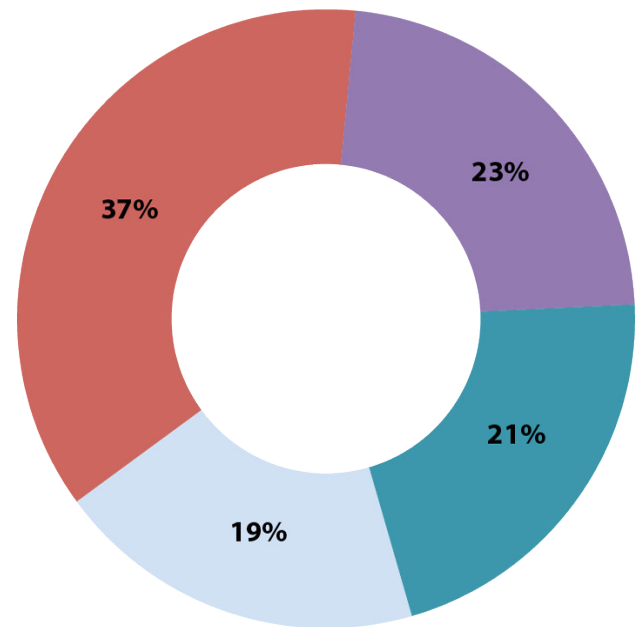


Table 1. Performance Indicators for Key Result Area 1: Building Capacity

	OBJECTIVES	PERFORMANCE INDICATORS
1.1	To maintain or increase national and international funding for substance use and health research at CISUR	<p>Maintain or increase funding for substance use research won by CISUR scientists from (a) Canadian and international peer reviewed sources (b) Canadian and international contracts</p> <p>Benchmarks: (a) \$750,000 (b) \$150,000 per annum 2019/2020: (a) \$1,661,443 (b) \$1,032,515</p>
1.2	To maintain or increase funding for knowledge exchange concerning substance use and health promotion at CISUR	<p>Maintain or increase funding for substance use knowledge exchange held by CISUR from (a) Canadian and international peer reviewed sources (b) Canadian and international contracts</p> <p>Benchmarks: (a) \$1,250,000 (b) \$1,250,000 per annum 2019/2020: (a) \$238,432 (b) \$756,337</p>
1.3	To maintain or increase the number of national and international funding applications for long term research programs addressing research areas of high priority in Canada	<p>Maintain or increase number of funding applications for new research programs identified in one or more identified priority areas (see Key Result Area 2)</p> <p>Benchmark: 15 applications 2019/2020: 32</p>
1.4	To achieve successful national and international collaborations with researchers and community partners on projects that will lead to increased capacity and increased expertise in addictions research	<p>Number of projects initiated that involve (a) community partners (b) researchers with relevant expertise who are new to substance use and addictions research</p> <p>Benchmarks: (a) 12 (b) 6 2019/2020: (a) 17 (b) 15</p>

“To capitalize on the resources of Canadian universities through the recruitment of high-calibre graduate and postdoctoral students from multiple relevant disciplines to the study of substance use, addiction and harm reduction.”

Highlights

- Despite losing long-standing CISUR Scientist and former Assistant Director Dr. Scott Macdonald to retirement, we have been fortunate to have been able to increase the number of PhD qualified researchers at CISUR to 19.
- We were successful in winning an internal University of Victoria competition to host a Canada Research Chair in the area of Substance Use and Health Policy.
- CISUR and UVic completed a successful competition to hire a new director, Dr. Timothy Naimi from the Boston University Schools of Public Health and Medicine. He brings a wealth of experience an alcohol and cannabis epidemiology and policy.
- We were very fortunate to have both Dr. Marilou Gagnon, Associate Professor in the School of Nursing, and Dr. Bruce Wallace, Associate Professor of Social Work, join CISUR as Scientists during 2019/20.
- Dr. Cecilia Benoit won the much coveted Killam Prize in Social Sciences, regarded as Canada’s equivalent of the Nobel Prize.

Honours and Awards

Cecilia Benoit

- 2020 Killam Prize in Social Sciences
- CIHR-IPPH Trailblazer Award in Population and Public Health Research - Senior Career Population and Public Health Researcher

Tim Stockwell

- David H. Turpin Gold Medal for Career Achievement in Research

Meet CISUR's New Director

After a lengthy international search, CISUR finally has a new director—and it's Tim.

No, not that Tim. The other Tim.

Dr. Tim Naimi will be joining CISUR as director in August 2020. Tim is a physician and alcohol epidemiologist at Boston Medical Center (BMC), and a Professor with the Boston University Schools of Medicine and Public Health. His research interests mostly lie in substance-use epidemiology, particularly binge drinking and the health effects of moderate drinking, with a recent focus on prevention and effective public policies for reducing substance-use-related problems for alcohol and cannabis.



"My public-health approach to substance use, and alcohol more specifically, really dovetails well with a lot of the work at CISUR," says Naimi. "I think CISUR is one of the few research institutions in the world that focusses on a public-health, population-level approaches to dealing with substance use and substance-use problems, as opposed to most of the work that is done, which is more clinically oriented."

Naimi got his first taste of working at CISUR in the fall of 2017 when he came to work at the institute during a sabbatical, where he and his wife and daughters came to Victoria. "I just had a great time. I was so impressed by the intelligence and wit of the group I thought I might try to come back," he says. He wants to physically be here for his August start date, but COVID-19 may complicate plans. ("I'm hoping to make it to Canada before Trudeau's wall is finished," he jokes.)

Regardless of how the early days of his directorship take shape, Naimi says he is excited to join the team.

"I really think this is an Institute that has made, and hopefully will continue to make, a big difference in leading the way in terms of research and helping address substance-related disparities and vulnerable populations to help hopefully improve the health and well-being of all people not only in BC, but Canada and the rest of the world."



Tim Stockwell

David H. Turpin Gold Medal for Career Achievement in Research

Dr. Tim Stockwell has debunked myths about alcohol-related disease, created strategies that cut alcohol-related traffic deaths, studied the neurophysiology of addiction and shaped policy at all levels around the world. Promising scientists are drawn by his leadership, expertise, high standards and championing of both responsible policies and practices. International colleagues call him “one of the most productive and influential researchers” and say that he asks and answers “the critical questions, both for the advancement of science and in service of the public interest.” While Stockwell continues to build on his novel alcohol and addiction research, his example and mentorship encourage others to join the field and indeed to expand the reach of this life-changing work (Photo: UVic Photo Services).

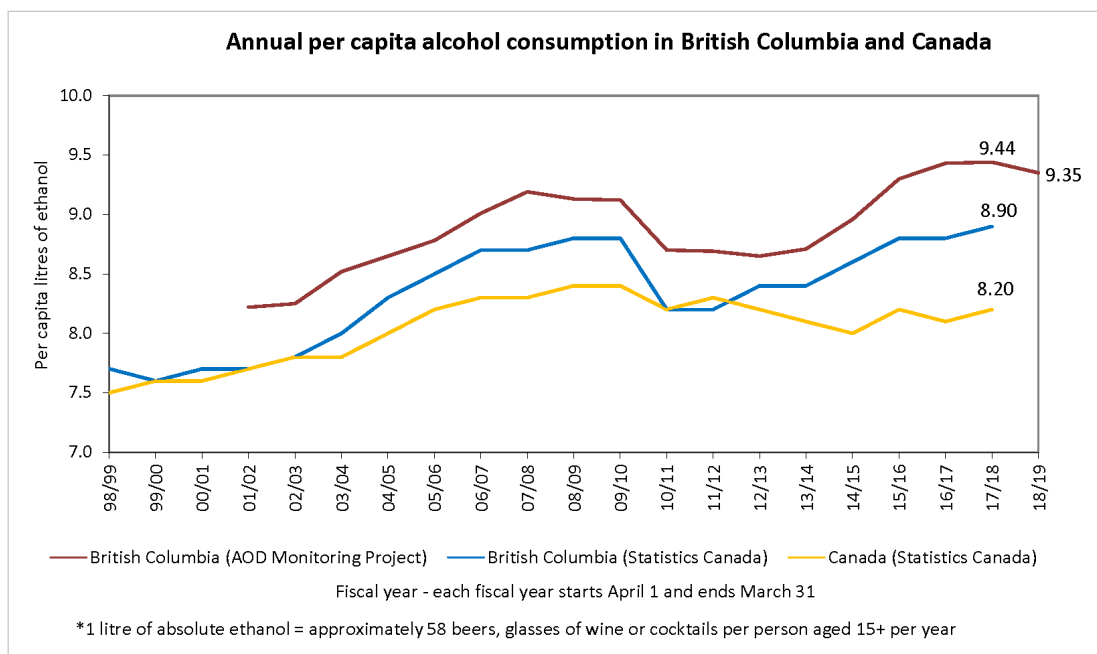
Table 2. Performance Indicators for Key Result Area 2: Engaging Academic Expertise

	OBJECTIVES	PERFORMANCE INDICATORS
2.1	To attract and retain high quality researchers from a broad range of disciplines to the BC substance use and addictions field	<p>Maintain or increase number of (a) PhD qualified researchers and (b) postdoctoral fellows within CISUR each year</p> <p>Benchmarks: (a) 12 (b) 3 2019/2020: (a) 19 (b) 4</p>
2.2	To attract and retain high quality students from a broad range of disciplines to the BC substance use and addictions field	<p>Maintain or increase number of CISUR graduate students under supervision per year</p> <p>Benchmark: 25 2019/2020: 25</p>
2.3	To provide training opportunities and programs for the development of additional research skills among CISUR staff, students and affiliates, taking advantage of existing opportunities through CIHR and research partners, nationally and internationally	<p>Maintain or increase number of research staff and/or students attending conferences or training events</p> <p>Benchmark: 15 2019/2020: 20</p> <p>Contributions to graduate research training programs using substance use examples or content by CISUR faculty at UVic and other Canadian universities</p> <p>Benchmarks: a) 5 courses taught b) 5 guest lectures presented per annum 2019/2020: (a) 12 (b) 10</p>

“To conduct high quality research that increases understanding of substance use, addiction and related harms in order to inform effective responses and promote health.”

Highlights

- Research conducted by the multidisciplinary faculty, staff and students at CISUR is broadly distributed across our six priority areas. These span both highly technical and theoretical topics as well as research that is practically applicable for practitioners and policymakers.
- There has been substantial national and international interest in CISUR research led by Dr. Bernie Pauly on Managed Alcohol Programs, with programs being introduced outside of Canada for the first time. Interest in this work has greatly picked up during the coronavirus crisis.
- Much of our work is national in scope, such as the Canadian Alcohol Policy Evaluation (CAPE) and the Canadian Substance Use Costs and Harms (CSUCH) studies which provide results for all Canadian jurisdictions.
- The International Model for Alcohol Harms and Policies, developed by CISUR Postdoctoral Fellow Dr. Adam Sherk, is now promoted as best practice by WHO. A number of governments (e.g., Scotland and New Zealand) have required its use to evaluate alcohol attributable harms in their countries.



CISUR's ongoing Alcohol and Other Drug (AOD) monitoring project tracks alcohol consumption and alcohol and drug-related hospitalizations and deaths in BC

SUBSTANCE USE PATTERNS & RELATED HARMS

A. CISUR PROJECTS

- **Assessing the impacts of the minimum legal cannabis age laws on traffic-related injuries among young people in Canada**

Investigators: Callaghan, R. (PI), Stockwell, T., Macdonald, S., & Asbridge, M.

Funding body: Canadian Institutes of Health Research Catalyst Grant

Duration of support: 2018-2019

- **BC alcohol and other drug (AOD) monitoring project (part of Co/Lab)**

Investigators: Pauly, B. (co-PI), Urbanoski, K. (co-PI), Stockwell, T. (co-I), Wallace, B. (co-I), Vallance, K., Chow, C., Zhao, J., & Dorocicz, J.

Funding bodies: BC Provincial Health Services Authority and the BC Ministry of Health

Duration of support: 2012-2019

- **The economic costs of substance use in Canada**

Investigators: Stockwell, T., Young, M. (co-PIs), Macdonald, S., Sherk, A., Wallingford, S., Sorge, J., Kent, P., Dorocicz, J., Fairbank, J., Zhao, J., Biggar, E., & Hall, B.

Funding bodies: Health Canada and Canadian Centre on Substance Use and Addiction (CCSA)

Duration of support: 2016-2020

- **Canadian student tobacco, alcohol and drug survey**

Investigators: Manske, S. (PI), MacDonald, M. (co-I), Thompson, J., Thompson-Haile, A., Zehr, W., MacKenzie, A., McGrath, E., Card, A., Asbridge, M., Mancuso, M., Murnaghan, D., Montreuil, A., Bourhis, R., Muhajarine, N., Wild, C., Schonlau, M., Brown, S., Elton-Marshall, T., MacDonald, J., & Turner, D.

Funding Body: Health Canada

Duration of support: 2016-2019

- **Investigating systematic bias in studies of health benefits from moderate drinking**

Investigators: Stockwell, T., Britton, A., Naimi, T., Sherk, A., & Chikritzhs, T.

Funding body: CISUR endowment fund

- **Review of methodologies used to estimate alcohol health harms, analysis of low alcohol doses on health protection and comparison of drinking and alcohol-caused harms in Australia and Canada**

Investigator: Sherk, A.

Funding body: National Drug Research Institute (Australia)

Duration of support: 2019-2021

- **A review of the evidence regarding alcohol's impacts on older people**

Investigators: Andreasson, S., Chikritzhs, T., Danghardt, F., Holder, H., Naimi, T., & Stockwell, T.

Funding body: IOGT Sweden

Duration of support: 2019-2020

- **International Model for Alcohol Harms and Policies (InterMAHP) Version 3**

Investigators: Sherk, A., Stockwell, T., Rehm, J., Churchill, S., Dorocicz, J., & Shield, K.

Funding body: Canadian Centre on Substance Use and Addiction

Duration of support: 2019-2020

- **Systematic review and meta-analysis on alcohol use and diseases of the circulatory system among Chinese population**

Investigators: Zhao, J. & Stockwell, T.

Funding bodies: CISUR endowment fund, Institute of Child and Adolescent Health of Peking University and Soochow University School of Public Health

Duration of support: 2018-2020

- **Association of self-reported health with alcohol consumption: a study conducted among Chinese and Canadian middle-aged and older adults**

Investigator: Zhao, J.

Funding body: Soochow University School of Public Health

Duration of support: 2019-2020

B. CISUR AFFILIATED PROJECTS

- **Evaluation of the effect of cannabis legalization on road safety**

Investigators: Brubacher, J. (PI), Asbridge, M., Brant, R., Chan, H., Erdelyi, S., & Macdonald, S. (co-Is)

Funding body: Canadian Institutes of Health Research

Duration of support: 2017-2022

- **The impact of provincial cannabis policy on impaired driving**

Investigators: Brubacher, J., Byrne, P. (PIs), Adams, J., Asbridge, M., Chan, H., Elzohairy, Y., Erdelyi, S., Lee, J., Masud, M., Moe, J., Staples, J., Vaillancourt, C., & Yuan, Y.

Funding body: Canadian Institutes of Health Research (Partnerships for Cannabis Policy Evaluation)

Duration of support: 2020-2023

- **Monitoring and preventing drug-impaired driving in Canada**

Investigators: Brubacher, J. (PI), Chan, H., Erdelyi, S., Asbridge, M., Mann, R., and the Canadian Drug-Impaired Driving Research Team

Funding body: Health Canada

Duration of support: 2019-2022

CISUR collaborating scientist Dr. Jeffrey Brubacher practices as an emergency physician at Vancouver General Hospital and also leads the hospital's Emergency Medicine Research Division



EDUCATIONAL, LEGISLATIVE & REGULATORY STRATEGIES

A. CISUR PROJECTS

- Police discretion with high risk substance using youth**
Investigators: Macdonald, S. (PI), Pauly, B., Hardy, C., Roth, E., Wortley, S., Jansson, M., Baron, S., Stockwell, T., Lee, Z., Reist, D., Benoit, C., Lachowsky, N., & Urbanoski, K.
Funding body: Social Sciences and Humanities Research Council (SSHRC)
Duration of support: 2016-2021
- Estimating the impact of alcohol use on health harms and the effects of having different price policies in Quebec**
Investigators: Stockwell, T., April, N., Sherk, A., & Sorge, J.
Funding body: Institut national de santé publique du Québec (INSPQ), Quebec
Duration of support: 2016-2019
- Alcohol, energy drinks and other stimulants: An emergency room study assessing the effects of gender, context and substance use on injury risk**
Investigators: Stockwell, T. (PI), Cherpitel, C. (co-PI), Macdonald, S., Brubacher, J., Brache, K., Zhao, J., & Maclure, M.
Funding bodies: Canadian Institutes of Health Research (CIHR) operating grant and CISUR endowment fund
Duration of support: 2012-2018
- Estimation of impacts on premature death, injury and hospitalisation of alternative approaches to federal alcohol taxes**
Investigators: Stockwell, T. (PI), Churchill, S., Sherk, A., Sorge, J., & Gruenewald, P.
Funding body: Public Health Agency of Canada
Duration of support: 2018-2019
- Estimation of the percentage of retail prices for typical alcoholic drinks in Canada comprising federal and provincial taxes**
Investigators: Stockwell, T. (PI), Churchill, S., & Sherk, A.
Funding body: Health Canada
Duration of support: 2020

- **Estimation of the impacts on per capita alcohol consumption, related harms and government revenues of alternative alcohol excise tax arrangements**

Investigators: Stockwell, T. (PI), Churchill, S., & Sherk, A.

Funding body: Health Canada

Duration of support: 2020

- **An estimation of the health and economic costs of alcohol use in Finland and the impact on these of the privatization of the Finnish government alcohol monopoly**

Investigators: Stockwell, T. (PI), Angus, C., Chaloupla, F., Chikritzhs, T., Holmes, J., Meier, P., Naimi, T., Norstrom, T., Ramstedt, M., Sherk, A., Simpura, J., & Sorge, J.

Funding body: Alko, Finland

Duration of support: 2018-2019



- **An evaluation of an alcohol labelling intervention to raise awareness of health harms, low-risk drinking guidelines and standard drink contents of alcohol containers: a comparison of two northern Canadian cities**

Investigators: Hobin, E. (co-PI), Stockwell, T. (co-PI), Hammond, D., Greenfield, T., Paradis, C., Vallance, K., Manson, H., Rosella, L., Shokar, S., Schoueri-Mychasiw, N., McGavock, J., & Zhao, J.

Funding body: Substance Use and Addictions Program, Health Canada

Duration of support: 2016 - 2019

- **An evaluation of compliance with Canada's CRTC alcohol advertising guidelines by bars popular with students near four Canadian university campuses**

Investigators: Paradis, C. (co-PI), Stockwell, T. (co-PI), Zhao, J., & Goatley, S.

Funding body: Canadian Centre on Substance use and Addiction

Duration of support: 2017 - 2019

COMMUNITY-BASED PREVENTION PROGRAMS

A. CISUR PROJECTS

- Beyond the ‘missing women inquiry’: Empowering sex workers as social justice advocates**

Investigator: Benoit, C.

Funding body: Pierre Elliott Trudeau Foundation

Duration of support: 2018-2021
- Feasibility check: Expansion of drug checking to reach people who use alone and reduce overdose in private residences**

Investigators: Wallace, B. (PI), Hore, D. (co-I), Pauly, B. (co-I), Charlie, P., Pagan, F.; Collaborators: Aasen, J., Calder, S., Cartwright, J., McGowan, G., Price, M., Sage, C., & Stanwick, R.

Funding body: Michael Smith Foundation for Health Research, Pathway to Patient-Oriented Research (P2P) Award

Duration of support: 2019 - 2020
- Disseminating drug checking results in response to the overdose crisis**

Investigators: Wallace, B. (PI), Hore D., Pauly, B., Storey, M.A. (co-Is), Stanwick, R., Aasen, J., Davison, C., Jensen K., Phillips, P., BC SUPPORT Unit - Vancouver Island Centre

Funding body: CIHR Planning and Dissemination Grant

Duration of support: 2019 - 2020
- Drug checking: Engaged research on implementations in response to overdose**

Investigators: Wallace, B., Hore, D., & Pauly, B.

Funding body: Vancouver Foundation

Duration of support: 2018 - 2019
- EQUIP for pain: Enhancing the capacity of primary health care providers in BC in the provision of equitable health services for people living in pain in marginalized conditions in BC**

Investigators: Craig, K., Varcoe, C., Holmes, C., Moosa-Mitha, M., Wallace, B., Hudspith, M., & Moore, G.

Funding body: Michael Smith Foundation Health Research Convening and Collaborating Award

Duration of support: 2018 - 2019

- **Implementing innovations in drug checking: A harm reduction pilot in response to illicit drug overdose**

Investigators: Wallace, B., Hore, D. (co-PIs), O'Brian, W., Price, M., & Stanwick, R.

Funding body: Health Canada's Substance Use and Addictions Program

Duration of support: 2018 - 2020

- **Integration of HIV and hepatitis C care in overdose prevention sites: What are the gaps?**

Investigators: Gagnon, M. (PI), Guta, A., Pauly, B., Kolla, G., Leman, K. Hobbs, H., & d'Ambrumenil, C.

Funding body: CIHR

Duration of support: 2019-2020

- **The Protection of Communities and Exploited Persons Act: A structural intervention impacting health equity for sex workers**

Investigators: Benoit, C. (NPA), Atchison, C., Jansson, M., Reist, D. (co-PIs), Abel, G., Aveline, D., Casey, L., Field, E., Magnus, S., Orchard, T., Phillips, R., Reimer, W., & Shaver, F.

Funding body: Canadian Institutes of Health Research (CIHR), Operating Grant

Duration of support: 2016 - 2019

- **Socially marginalized populations: Adapting Pain BC's programs and services to meet community needs**

Investigators: Craig, K. (PI), Varcoe, C., Darroch F., Holmes, C., Moosa-Mitha, M., Wallace, B. (co-Is), & Hudspith, M.

Funding body: SSHRC Partnership Engage Grant

Duration of support: 2018 - 2019

- **Investing in police and non-profit organizational partnerships to enhance responses to sexual assault of sex workers**

Investigators: Phillips, R. (PI) & Benoit, C. (co-I)

Funding body: Justice Canada Victims

Duration of support: 2017 - 2019

B. CISUR AFFILIATED PROJECTS

- **Advancing harm reduction for small, rural, and remote Canadian communities: Setting a research and practice agenda**

Investigators: Guta, A. (PI) & **Gagnon, M.**

Funding body: CIHR

Duration of support: 2019-2020

- **Harm reduction intervention for severe drug and/or alcohol dependence among people who are homeless**

Investigators: Parkes, T. (PI), **Pauly, B.**, Anderson, I., Fotopoulou, M., Matheson, C., Budd, J., Liddell, D., Wallace, J., Carver, H., Burley A., MacLennan G. (Co-Is), Allan, H., & Bowes, A.

Funding body: National Institute for Health Research (Health Technology Assessment Programme)

Duration of support: 2018-2021

- **The practice of injecting non-prescribed substances into intravenous lines: An exploratory study**

Investigators: Nicholson, M. (PI), **Gagnon, M.**, Connors, W., Garrod, E., Hill, J., Chow, N., & Patterson, C. (Co-Is)

Funding body: Providence Health Care Practice-Based Research Challenge

Duration of support: 2019-2020

Dr. Marilou Gagnon joined the CISUR team as a Scientist in 2018 and holds a faculty position with UVic's School of Nursing



TREATMENT SYSTEMS & PROGRAMS

A. CISUR PROJECTS

- **Managed alcohol and cannabis substitution: A feasibility study**

Investigators: Pauly, B., Stockwell, T. (co-PIs), Wallace, B., Urbanoski, K., Callaghan, R., Crabtree, A., Zhao, J., Sutherland, C., Thomas, G., Jordan, M., Keating, K., MacDonald, P., Page, S., Kuhelke, R., MacQuatt, R., Muckle, W., Manuel, N., McGuinness, J., Phillips, J., & Wishart, M.

Funding body: Canadian Institutes of Health Research Catalyst Grant: Cannabis Research in Urgent Priority Areas

Duration of support: 2019-2020

- **Managed alcohol programs: Implementation and effectiveness**

Investigators: Pauly, B., Stockwell, T. (co-PIs), Chow, C., Vallance, K., Wettlaufer, A., & Zhao, J.

Funding bodies: Canadian Institutes of Health Research (CIHR); Michael Smith Foundation for Health Research; Vancouver Coastal Health Authority, Canadian Mental Health Association, Sudbury Branch

Duration of support: 2016-2019

- **Opioid use disorder treatment for youth: Knowledge summary**

Investigators: Urbanoski, K. & Sorge, J.

Funding body: Canadian Centre on Substance Use and Addictions

Duration of support: 2019

- **The role of child protection in substance use services for women**

Investigators: Urbanoski, K. (PA), Milligan, K. (co-A), Coombs, M., Cummings, K., Ussher, C., Goodman, D., & Seeley, T.

Funding body: SSHRC Insight Grant

Duration of support: 2019-2023

Student Stories: Alayna Payne

Program: Masters, Nursing

Supervisor: Marilou Gagnon

As part of her Masters of Nursing, nurse educator program, Alayna completed a practicum on substance use nursing education. During her practicum, she helped design and run a national student survey on substance use education, contributed to the development of a position statement on harm reduction nursing education, and developed an online module on the care of people who use substances in the hospitals.

B. CISUR AFFILIATED PROJECTS

- **Assessing the impact of minimum unit pricing on homeless and street drinkers: A qualitative study**

Investigators: Elliott, L., Emslie, C. (co-PIs), Whiteford, M. (lead researcher), **Stockwell, T.**, Dimova, E., Johnsen, S., Whittaker, A., Smith, I., Rush, R., & Homeless Network Scotland

Funding body: Scottish Government's Chief Scientist Office (CSO)

Duration of support: 2019-2023

- **Emergency Safer Supply Programs (ESSPs): Bridging the HIV prevention, treatment, and care cascade for people who inject drugs**

Investigators: Strike, C., Guta, A. (PIs), Antoniou, T., Bayoumi, A., **Gagnon, M.**, Kenny, K., Kolla, G., & Leece, P. (co-Is)

Funding body: Ontario HIV Treatment Network

Duration of support: 2020-2022

- **A Managed Alcohol Program for Australia**

Investigators: Ezard, N., **Stockwell, T.**, Haber, P., Baldry, E., Day, C., Dobbins, T., Peacock, A., **Pauly, B.**, Lintzeris, N., & Dolan, K.

Funding body: Australian Government National Health and Research Council Partnership Project

Duration of support: 2019-2024

- **Scoping the feasibility and acceptability of Managed Alcohol Programmes for people who are homeless with severe alcohol problems in community-based, third sector services in Scotland**

Investigators: Parkes, T., (PI), **Pauly, B.**, Carver, H., & Matheson, C. (co-Is)

Funding bodies: Chief Scientist Office (CSO), NHS Scotland

Duration of support: 2019

- **When problematic substance use, parenting, and child welfare collide: Giving voice to women on processes that promote family health and wellbeing**

Investigators: Milligan, K (NPA), **Urbanoski, K.** (PA), Valeriotte, H. (PKU), Dempster, J. (PKU), Buckley, L., Choma, B., Cummings, K., Goodman, D., Khoury, J., Ogilvie, S.A., & Wall-Wieler, E.

Funding body: CIHR, Strategy for Patient-Oriented Research (SPOR) Catalyst Grants

Duration of support: 2020-2021

SOCIAL DETERMINANTS & CONTEXTS OF SUBSTANCE USE

A. CISUR PROJECTS

- Decolonizing and reorienting health systems towards health equity: The xaxqanaᑭ ᑭitkiniᑭ (many ways of working together) research project**
Investigators: Pauly, B., Shahram, S., Horsethief, C. (co-PIs), Pierre, S., Kent, A., Sam, S., Bryant, L., Murray, K., Driscoll, J., xaxqanaᑭ ᑭitkiniᑭ Advisory Group: Elders Advisory Council Ktunaxa Nation Council, Interior Health, National Collaborating Centre for Determinants of Health
Funding body: CIHR
Duration of support: 2019-2020
- Equity Lens in Public Health (ELPH): Reducing health inequities, the contribution of core public health services in BC**
Investigators: Pauly, B., MacDonald, M., Hancock, T. (co-PIs), Ostry, A., George, A., Wharf Higgins, J., Marcellus, L., Hayes, M., Carroll, S., Corneil, T. (co-Is), O'Briain, W., Ardiles, P., Bass, L., Barnes, M., Bruce, T., Buchner, C., Campbell, J., Drasic, L., Duffell, R., Dyck, L., Easton, K., Huston, C., Jackson, B., Jiwani, B., Kwan, A., Lee, V., Makwana, J., Manson, H., Nevdoff, S., Parks, A., Pennock, M., Smith, S., Tatlock, J., Tong, S., Tyler, I., & Yarmish, K. (KUs)
Funding body: Canadian Institutes of Health Research (CIHR)
Duration of support: 2011 – 2018
- Exploring the ethical tensions and professional implications of incentivized health care: The case of HIV**
Investigators: Gagnon, M., Guta, A., Murray, S.J., Bungay, V., & Upshur, R.
Funding body: CIHR
Duration of support: 2018-2019
- Monitoring and informing public health responses to substance use (BC Community Network of Substance Use Observatories) AKA, the BC Co/Lab**
Investigators: Pauly, B. (PI), Urbanoski, K., Stockwell, T., Reist, D., Wallace, B., Shahram, S., Lachowsky, N., Sher, A., & Buxton, J.
Funding body: Health Canada
Duration of support: 2019-2024

- P2P: Peer 2 Peer Support**
Investigators: Buxton, J. & Pauly, B. (co-PIs)
Funding body: Health Canada Substance Use and Addictions Program
Duration of support: 2018- 2020
- Reducing the stigma of substance use and building capacity in patient-oriented primary care research**
Investigators: Urbanoski, K. (PI), Pauly, B. (PI), Bullock, B., Cater, J., Hancock, C., Hartney, E., & Wallace, B. (co-I)
Funding bodies: Canadian Institutes of Health Research (CIHR)/UVic/ Island Health Authority (IHA), Strategy for Patient-Oriented Research (SPOR) – Patient-Oriented Research Collaboration Grants, Michael Smith Foundation for Health Research
Duration of Support: 2017 – 2019
- “Smoking is better than taking pills”: A longitudinal qualitative study of cannabis use and symptom management among people living with HIV**
Investigators: Gagnon, M., Guta, A (co-PIs) Strike, C., Elliott, R., Ware, M., Chow, N., Straton, T., & Nickerson, J.
Funding body: CIHR
Duration of support: 2018-2022

B. CISUR AFFILIATED PROJECT

- An Indigenous equity lens for public health**
Investigators: Loppie, C. (PI), Carriere, J. (co-PI), Kent, A., MacDonald, M., & Pauly, B. (co-Is)
Funding body: Canadian Institutes of Health Research (CIHR), Planning and Dissemination Grant

RESEARCH PRIORITY 6

EVALUATION OF EFFECTIVENESS OF KNOWLEDGE TRANS- LATION AND EXCHANGE ACTIVITIES AND STRATEGIES

A. CISUR PROJECTS

- **The implementation of evidence-based alcohol policies in Canada: a national knowledge translation project (Canadian Alcohol Policy Evaluation Project)**

Investigators: Stockwell, T. (PI), Giesbrecht, N. (co-PI), Wettlaufer, A., Vallance, K., Chow, C., April, N., Asbridge, M., Callaghan, R., Cukier, S., Hynes, G., Mann, R., Thompson, K., Solomon, R., Strang, R., Thomas, G., & Murie, A.

Funding body: Health Canada, Substance Use and Addictions Program

Duration of support: 2017-2019

- **Stakeholder evaluation of impacts of a national alcohol policy implementation review across all provinces and territories**

Investigators: Vallance, K., Stockwell, T., Wettlaufer, A., & Giesbrecht, N.

Funding body: Public Health Agency of Canada

Duration of support: 2018-2019

CISUR California kickball at Cadboro-Gyro Park



Featured Project: Evaluating alcohol policies and engaging with stakeholders – the good news story of the CAPE Project

The Canadian Alcohol Policy Evaluation (CAPE) project was funded by Health Canada's Substance use and Addictions Programs and the Public Health Agency of Canada, and led by Tim Stockwell and Norman Giesbrecht along with a cross-national team of expert co-investigators and research coordinators. The CAPE Project assessed the extent of implementation of 11 alcohol policy areas at the federal, provincial and territorial levels of government and was a follow-up to an earlier assessment of the provinces in 2013. After two years of data collection, analysis and writing, the main report and jurisdictional summaries were released in English and French in early 2019. Perhaps as a result of taking care to engage with and get input from government stakeholders throughout the study, the findings received substantial interest from government sectors across the country and were also well-covered by the national and local media. Upwards of 450 provincial and territories stakeholders attended CAPE launch webinars and nearly 400 news articles were published about the project, with an estimated circulation of 7.6 million readers. The reports and related resources, including the project infographic and jurisdiction-specific summaries, were also downloaded over 900 times within the first three months following their release.

One of the main aims of the project was to increase engagement with government stakeholders across different alcohol-related sectors as a way to better support implementation of evidence-based best practice alcohol policies in Canada and we have had great success in this endeavour. We have completed 30 jurisdiction-specific results webinars since the reports were launched to groups representing a range of health ministries, alcohol regulation and distribution, finance departments and community groups across the country. Early impacts of the CAPE Project include initiating increases to minimum alcohol prices in one jurisdiction, informing development and reviews of alcohol strategies and Liquor Acts in further four jurisdictions, informing the content of a municipal alcohol guide in another jurisdiction and helping guide improvements to impaired driving countermeasures and responsible beverage services in two others. As the policy and decision making process takes time, we anticipate that there will be further impacts identified over the coming months. Our relationships with the key stakeholders involved in the CAPE Project continues to grow as we plan for the third round of the evaluation (anticipated to begin in 2022) and we have been extremely grateful for their support of the CAPE Project and their ongoing engagement with the various stages of the study.

Table 3. Performance Indicators for Key Result Area 3: Implementation of Quality Research

OBJECTIVES	PERFORMANCE INDICATORS
3.1 To conduct research on the patterns, distribution, determinants and consequences of substance use in Canada and internationally	Number of epidemiological projects initiated, ongoing and/or successfully completed each year in this area. Benchmark: 15 2019/2020: 13
3.2 To conduct research that is valued by stakeholders as being of high quality, responsive to emerging issues and relevant to public policy and practice in Canada and internationally	Number of CISUR special reports and commissioned reports focused on policy and practice. Benchmark: 5 2019/2020: 20
3.3 To conduct research in the following other key priority areas: <ul style="list-style-type: none"> • The impact of educational, legislative and regulatory strategies to minimize alcohol and other drug-related harms • Development and evaluation of more effective community prevention programs • Development and evaluation of more effective treatment systems and programs • The influence of structural determinants of social contexts of drug use on the implementation of harm reduction strategies • Research and evaluation of effectiveness of knowledge translation and exchange activities and strategies 	<ul style="list-style-type: none"> • Number of research projects ongoing and completed Benchmark: 6 2019/2020: 9 • Number of research projects ongoing and completed Benchmark: 5 2019/2020: 14 • Number of research projects ongoing and completed Benchmark: 8 2019/2020: 8 • Number of research projects ongoing and completed Benchmark: 10 2019/2020: 9 • Number of research projects ongoing and completed Benchmark: 5 2019/2020: 4
3.4 Develop and maintain significant collaborative projects with other researchers and research centres in North America and in other countries	Number of collaborative projects with other North American researchers and research agencies each year Benchmark: 10 2019/2020: 29
3.5 Develop collaborative projects with international organizations such as WHO and the International Harm Reduction Association	Number of collaborations with WHO and other international organizations each year Benchmark: 5 2019/2020: 10

“To disseminate knowledge that increases understanding of substance use and addiction, raises awareness of related harms, and identifies effective responses.”

Highlights

It was another busy year for media stories at CISUR, as we continue to both put out proactive media releases about our own work and also respond to many unprompted requests from journalists. We have become a go-to source for comments on substance related issues and, in particular, evidence-based analysis and commentary on alcohol policy, homelessness and the overdose crisis. This year we had an even bigger media impact than last year, with a total of 1,631 tracked news articles, broadcast segments, or opinion columns with an estimated circulation of over 88 million. In 2018/19, we had 1,465 articles with a reach of over 70 million.

Our biggest media months were April and end of August/beginning of September 2019, which coincided with the release of our Canadian Alcohol Policy Evaluation (CAPE) provincial summary reports and our paper on alcohol and calorie consumption, our two biggest media stories of the year.



Media coverage

CISUR top ten media topics, 2019/20

Topic	# of Stories
Alcohol policy	597
Alcohol consumption	542
Overdose crisis	475
Alcohol and calories	277
Canadian Alcohol Policy Evaluation (CAPE) Project	230
Treatment	139
Canadian Substance Use Costs and Harms (CSUCH) Project	95
Vaping	87
Impaired driving	67
Cannabis legalization	66

The hot topics this year reflected these big news stories, as well as things that have been going on in society and what CISUR is known for. Comments on alcohol consumption and policy, as well as the overdose crisis, continue to be something that media come to us for comment on a consistent basis. CISUR research also occupied two spots on UVic's top 10 newsmakers of 2019 list: Adam Sherk's alcohol and calories paper and the Vancouver Island Drug Checking Project.

CISUR general media coverage, 2018/19

Date Range	# Articles	Circulation
Apr 03, 2019 - May 09, 2019	580	25,102,604
May 10, 2019 - Jun 15, 2019	8	4,584,070
Jun 16, 2019 - Jul 21, 2019	82	2,285,798
Jul 22, 2019 - Aug 26, 2019	92	9,499,069
Aug 27, 2019 - Oct 01, 2019	492	17,491,664
Oct 02, 2019 - Nov 06, 2019	43	3,606,006
Nov 07, 2019 - Dec 12, 2019	10	9,486,148
Dec 13, 2019 - Jan 17, 2020	203	9,235,980
Jan 18, 2020 - Feb 22, 2020	1	522,097
Feb 23, 2020 - Mar 29, 2020	120	6,306,104
Total	1,631	88,119,540

Social Media

Our social media feeds continue to hold steady, with 2,670 Twitter followers and 1,954 likes on Facebook, a slight uptick from last year.

Our most popular Facebook post was one advertising the Vancouver Island Drug Checking Project's services, which was reached 5,492 people and was shared 48 times. Funnily enough, our most popular Facebook post last year was also about the drug-checking project's services, which shows that this is a popular platform for getting the word out about that project. Our biggest post on Twitter was a May 2019 Globe and Mail article about alcohol-related hospitalizations in Canada, which quotes Tim Stockwell.



CISUR's top tweet of the year, which reached about 8,000 people on Twitter



The most-downloaded file of the year from CISUR's webpage was an overview of Managed Alcohol Programs across Canada from our "CMAPS" project

Website

Our website had 34,416 visitors and 94,996 pageviews for 2019/20. Strangely, an old BC crime statistics page was our most visited page on our site besides our homepage, despite it being very out of date and quite buried in our facts and stats section—perhaps due to the fact that it is one of the few results that comes up when you google “BC crime stats.” The Canadian Managed Alcohol Policy Study (CMAPS) website was also popular, as was the iMinds site and the Sex industry in Canada stats.

CISUR's top ten most visited webpages, 2019/20

Page Name	Pageviews
CISUR main page	14,311
BC crime statistics	5,542
Canadian Managed Alcohol Program Study	4,842
iMinds	4,582
Sex industry in Canada	3,322
CISUR publications	3,199
About CISUR	2,786
Alcohol consumption statistics	2,731
Cycles resource	2,326
CISUR projects	2,091

CISUR's top ten most downloaded files, 2019/20

File Name	Downloads
Overview of MAPs in Canada	572
Drug literacy curriculum	490
Strategies to Reduce Alcohol-Related Harms and Costs in Canada: A Review of Provincial and Territorial Policies	465
Cycles: Facilitator's guide	370
Infographic: Canadian Alcohol Policy Evaluation	289
Strategies to Reduce Alcohol-Related Harms and Costs in Canada: A Review of Federal Policies	289
Reducing Alcohol-Related Harms and Costs in Ontario: A Policy Review	249
InterMAHP guide	239
iMinds: A health literacy resource	223
Reducing Alcohol-Related Harms and Costs in British Columbia: A Policy Review	222



Other Dissemination Channels and Materials

Public talks

CISUR launched its Substance Use Grand Rounds speaker series in partnership with Island Health in February 2020. Our inaugural event (photo above) featured Karen Urbanoski and Umbrella Society's Evan James on "Defining Addiction: Different Models, Different Treatments?" We had a busy room at Begbie Hall at Royal Jubilee Hospital, as well as over 50 people who tuned in online, making it one of our most successful public talks in recent years. We have several more Grand Rounds events scheduled, with plans to move them to online given COVID-19 and the ban on large in-person gatherings.

CISUR also sponsored its first UVic IdeaFest event in a while. Titled "Should I call 911? Youth, overdose and police," the panel event was based on findings from CISUR's Youth Experiences Project and hosted by CISUR's Marion Selfridge. Several first responders, including police, attended the event, making for an interesting discussion.

Print/Web Collateral

The CAPE Project published 15 provincial and territorial alcohol policy evaluation summaries in April 2019; 13 English versions for each province and territory, and French versions for Quebec and New Brunswick. French translations for BC, Alberta and Saskatchewan have since been published, and the rest of the provinces and territories are forthcoming. CISUR also published its 19th bulletin, *Youth Experiences: How police interactions impact youth who use drugs*, based on data from the Youth Experiences Project.

The Knowledge Exchange Unit published five cannabis legalization guides for community sectors (schools, workplaces, private retail outlets, campuses and communities) as well as several new resources in the Helping Schools “Professional learning and support” series. They also published the “Promoting dialogue in changing times” series as part of the Let’s Talk Cannabis dialogue project.

Two infographics were also produced: *Alcohol and Calories* and *Does knowing alcohol causes cancer improve support for alcohol policies?*



PUBLICATIONS

Journal Articles

Alattas, M., Ross, C.S., Henahan, E.R., & **Naimi, T.S.**

(2020). Alcohol policies and alcohol-attributable cancer mortality in U.S. states. *Chem Biol Interact.* 315, 108885. doi:10.1016/j.cbi.2019.108885

Benoit, C., Smith, M., Jansson, M., Healey, P., & Magnuson, D. (2020). The relative quality of sex work. *Work, Employment & Society.*

Benoit, C., Smith, M., Jansson, M., Healey, P., & Magnuson, D. (2020). Effectiveness of anecdotes and logically false arguments to refute analysis based on systematically collected data. *Archives of Sexual Behavior*, 48(7), 1903-1904.

Blanchette, J.G., Chaloupka, F.J., & **Naimi, T.S.** (2019). The composition and magnitude of alcohol taxes in states: Do they cover alcohol-related costs? *Journal of Studies on Alcohol and Drugs*, 80(4), 408-414. doi:10.15288/jsad.2019.80.408

Blanchette, J.G., Lira, M.C., Heeren, T.C., & **Naimi, T.S.** (2020). Alcohol policies in U.S. states, 1999-2018. *Journal of Studies on Alcohol and Drugs*, 81(1), 58-67.

Brubacher, J.R., Chan, H., & Staples, J.A. (accepted). Cannabis-impaired driving and Canadian youth. *Pediatrics and Child Health.*

Brubacher, J.R., MacDonald, S., Mann, R.E., Eppler, J., Asbridge, M., & Chan, H. (2020). Reply to Beckson *et al.*: "Cannabis, crashes, and blood: Challenges for observational Research." *Addiction*, 115, 590-591.

Brubacher, J.R., Chan, H., Erdelyi, S., **Macdonald, S.,** Asbridge, M., Mann, R.E., Eppler, J., Lund, A., MacPherson, A., Martz, W., Schreiber, W.E., Brant, R., & Purssell, R.A. (2019). Cannabis use as a risk factor for causing motor vehicle crashes: A prospective study. *Addiction*, 114, 1616-1626. https://doi.org/10.1111/add.14663.

Buccieri, K., Oudshoorn, A., Waegemakers Schiff, J., **Pauly, B.,** Schiff, R., Gaetz, S. (in press). Quality of life and mental well-being: A gendered analysis of persons experiencing homelessness in Canada. *Community Mental Health Journal*. https://doi.org/10.1007/s10597-020-00596-6

Callaghan, R.C., Sanches, M., Benny, C., **Stockwell, T., Sherk, A.,** & Kish, S. (2019). Who consumes most of the cannabis in Canada? Profiles of cannabis consumption by quantity. *Drug and Alcohol Dependence*, 205, 107587.

Callaghan, R.C., Stockwell, T., Sherk, A., & Kish, S. J. (2019). Response to Manthey, Carr, and Rehm. *Drug and Alcohol Dependence*, 206, 107739.

Card, K.G., Armstrong, H.L., Hogg R.S., Roth, E.A., Moore, E.M., & **Lachowsky, N.J.** (2020). Escape expectancies and sexualized substance use among gay, bisexual, and other men who have sex with men. *AIDS Care*. https://doi.org/10.1080/09540121.2019.1705961

Card, K.G., Fournier, A.B., **Sorge, J.T.,** Morgan, J., Grace, D., Ham, D., **Lachowsky, N.J.,** & Trussler, T. (in press). Substance use patterns and awareness of biomedical HIV prevention strategies among sexual and gender minority men in Canada. *AIDS Care*.

Churchill, S., Angus, C., Brennan, A., Purshouse, R. & **Sherk, A.** (2020). Expanding attributable fraction applications to outcomes wholly attributable to a risk factor. *Statistical Methods in Medical Research*, 29(9), 2637-2646. https://doi.org/10.1177/0962280220907113

Craig, K., Holmes, C., Hudspeth, M., Moor, G., Moosa-Mitha, M., Varcoe, C., & **Wallace, B.** (2020). Pain in persons who are marginalized by social conditions. *Pain: The Journal of the International Association for the Study of Pain*, 161(2), 261-265. doi: 10.1097/j.pain.0000000000001719

Gagnon, M., Gauthier, T., Adán, E., Bänninger, A., Cormier, L., Gregg, K., Gill, S., Horsburgh, K., Kreutzmann, P., Latimer, J., Le Bourhis, G., Livgard, C., Parker, D., Reiremo, T., Telegdi, E., Thorner, T. & White, M. (2019). International consensus statement on the role of nurses in supervised consumption sites. *Journal of Mental Health and Addiction Nursing*, 3(1), 1-10.

Gagnon, M., Gudiño, D., Guta, A., & Strike, C. (2020). What can we learn from the English-language media coverage of cannabis legalization in Canada? *Substance Use and Misuse*, 55(8), 1378-1381, doi: 10.1080/10826084.2020.1741639

Gagnon, M. & Guta, A. (2019). Cannabis legalization in Canada: What are the potential implications and barriers for people living with HIV? *International Journal of Drug Policy*, 74, 191-192.



CISUR team members on orange shirt day, in commemoration of the harms of Canada's residential school system

Gagnon, M. & Hazlehurst, E. (2020). How do nursing organizations measure up on harm reduction? An environmental scan. *Canadian Journal of Nursing Research*. <https://doi.org/10.1177/0844562120914425>

Gagnon, M., Payne, A., Pauly, B., Denis-Lalonde, D., & Wilbur, K. (accepted). Substance use education in Canadian nursing programs: A student survey. *Journal of Nursing Education*.

Goldman, J.E., Kreiger, M.S., **Buxton, J.A.**, Lysyshyn, M., Sherman, S.G., Green, T.C., Bernstein, E., Hadland, S.E., & Marshall, B.D.L. (2019). Suspected involvement of fentanyl in prior overdoses and engagement in harm reduction practices among young adults who use drugs. *Substance Abuse*, 40(4), 519-526.

Greenfield, T.K., Cook, W.K., Karriker-Jaffe, K.J., **Naimi, T.S., et al.** (2019). The relationship between the U.S. state alcohol policy environment and individuals' experience of secondhand effects: Alcohol harms due to others' drinking. *Alcoholism: Clinical and Experimental Research*, 43(6), 1234–1243. doi:10.1111/acer.14054

Greer, A., Sorge, J., Selfridge, M., Benoit, C., Jansson, M., & Macdonald, S. (2020). Police discretion to charge young people who use drugs prior to cannabis legalization in British Columbia, Canada: A brief report of quantitative findings. *Drugs: Education, Prevention and Policy*. doi: 10.1080/09687637.2020.1745757

Hobin, E., Nour Schoueri-Mychasiw, N., Weerasinghe, A., **Vallance, K.,** Hammond, D., Greenfield, T.K., McGavock, J., Paradis, C., & **Stockwell, T.** (2020). Effects of strengthening alcohol labels on attention, message processing, and perceived effectiveness: A quasi-experimental study in Yukon, Canada. *International Journal of Drug Policy*, 77, 102666. <https://doi.org/10.1016/j.drugpo.2020>

Hobin, E., Weerasinghe, A., **Vallance, K.,** Hammond, D., McGavock, J., Greenfield, T. K., Schoueri-Mychasiw, N., Paradis, C., & **Stockwell, T.** (in press). Testing alcohol labels as a tool to communicate cancer risk to drinkers: A real-world quasi-experimental study. *Journal of Studies on Alcohol and Drugs*. doi:10.15288/jsad.2020.81.249

- Hobin, E., Stockwell, T.,** Hammond, D., Shokar, S., Schoueri-Mychasiw, N., **Vallance, K.,** Greenfield, T., McGavock, J., & Paradis, C. (2020). Testing the continued effect of enhanced alcohol labels on the consumer attention, cognitive elaboration, perceived effectiveness, and behavior change: mechanisms through which labels change behavior. *International Journal of Drug Policy*. doi: 10.1016/j.drugpo.2020.102666.
- Hobin, E.,** Shokar, S., **Vallance, K.,** Hammond, D., McGavock, J., Greenfield, T., Schoueri-Mychasiw, N., Paradis, C., & **Stockwell, T.** (in press). Communicating risks to drinkers: A real-world study testing the impact of enhanced alcohol labels with a cancer warning and national drinking guidelines. *Canadian Journal of Public Health*.
- Irvine, M., Kuo, M., **Buxton, J.,** Balshaw, R., Otterstatter, M., MacDougall, L., Milloy, M.J., Bharmal, A., Henry, B., Tyndall, M., Coombs, D., & Gilbert, M. (2019). Impact of interventions in reducing opioid overdose deaths in BC, Canada. *Addiction*, 114(9), 1602-1613. <https://www.onlinelibrary.wiley.com/doi/10.1111/add.14664>
- Ivins, A., **Benoit, C.,** Kobayashi, K., Vancouver Area Network of Drug Users, & Boyd, S. (2019). From risky places to safe spaces: Re-assembling spaces/places. *Health and Place*, 59, 102164.
- Ivins, A., **Pauly, B., Brown, M.,** Evans, J., Gray, E., Kryso-waty, B., **Vallance, K., & Stockwell, T.** (2019). On the outside looking in: Finding a place for managed alcohol programs in the harm reduction movement. *International Journal of Drug Policy*, 67, 58-62. doi: 10.1016/j.drugpo.2019.02.004
- Karmouzian, M., Papamihali, K., Graham, B., Crabtree, A., Mill, C., Kuo, M., Young, S., & **Buxton, J.A.** (2020). Known fentanyl use is increasing among people who use drugs in British Columbia, Canada: Findings of the BC Harm Reduction Clients' Survey. *International Journal of Drug Policy*, 77, 102665. <https://www.ncbi.nlm.nih.gov/pubmed/31962283>
- Lake, S., Kerr, T., **Buxton, J., Walsh, Z.,** Marshal, B.D.L., Wood, E., & Milloy, M.J. (2020). Does cannabis use modify the effect of post-traumatic stress disorder on severe depression and suicidal ideation? Evidence from a population-based cross-sectional study of Canadians. *Journal of Psychopharmacology*, 34(2), 181-188. <https://doi.org/10.1177/0269881119882806>
- Lake, S., **Walsh, Z.,** Kerr, T., Cooper, Z.D., **Buxton, J.,** Wood, E., Ware, M.A., & Milloy, M.J. (2019). Frequency of cannabis and illicit opioid use among people who use drugs and report chronic pain: A longitudinal analysis. *PLoS Medicine*, 16(11), e1002967. <https://doi.org/10.1371/journal.pmed.1002967>
- Lira, M.C., Sarda, V., Heeren, T.C., Miller, M., & **Naimi, T.S.** (2020). Alcohol policies and motor vehicle crash deaths involving blood alcohol concentrations below 0.08. *American Journal of Preventive Medicine*, 58(5), 622-629 doi: 10.1016/j.amepre.2019.12.015
- Lira, M.C., Xuan, Z., Coleman, S.M., Swahn, M.H., Heeren, T.C., & **Naimi, T.S.** (2019). Alcohol policies and alcohol involvement in intimate partner homicide in the U.S. *American Journal of Preventive Medicine*, 57(2), 172-179. doi:10.1016/j.amepre.2019.02.027
- Long, M.T., Massaro, J.M., Hoffmann, U., Benjamin, E.J., & **Naimi, T.S.** (2019). Alcohol use is associated with hepatic steatosis among persons with presumed nonalcoholic fatty liver disease. *Clinical Gastroenterology and Hepatology*, 18(8), 1831-1841.e5. doi:10.1016/j.cgh.2019.11.022
- MacKinnon, K., **Pauly, B., Shahram, S., Wallace, B., Urbanoski, K.,** Gordon, C., Raworth, R., **MacDonald, M., Marcellus, L.,** Sawchuck, D., Inglis, D., **Pagan, F., Strosher, H., Macevicius C.,** & Strayed, N. (2019) Health equity-oriented approaches to inform responses to opioid overdoses: A scoping review. *JBIR Database of Systematic Reviews and Implementation Reports*, 17(5), 640-53.
- Marcellus, L.** (2019). Neonatal Abstinence Syndrome in countries with no to low medical opioid consumption: A scoping review. *International Nursing Review*, 66(2), 224-233.
- McCall, J., & **Pauly, B.** (2019). Sowing a seed of safety: Providing culturally safe care in acute care settings for people who use drugs. *Journal of Mental Health and Addictions Nursing*, 3(1).
- Milligan, K., Meixner, T., Tremblay, M., Tarasoff, L.A., Usher, A., Smith, A., Niccols, A., & **Urbanoski, K.A.** (in press). Tailoring of parenting interventions for mothers with problematic substance use: A systematic review of research and community practice. *Child Maltreatment*.

Student Stories: Emily Hazlehurst and Jessica Kennedy

Programs: Nursing/Social Work (undergraduate)

Supervisors: Marilou Gagnon/Bruce Wallace

Two environmental scans were completed last year with undergraduate students working with CISUR Scientists and both were published in peer reviewed journals. Uvic Social Work student Jessica Kennedy was awarded a Jamie Cassels Undergraduate Research Award (JCURA) to undertake research that could determine how social work as a profession has been responding to the overdose crisis in Canada and what we can learn to inform future responses. With CISUR Scientist Bruce Wallace they conducted an environmental scan of provincial and territorial social work regulatory organizations in Canada. The research poster was first presented at the JCURA Research Fair and then accepted and presented at the 2019 Issues of Substance conference hosted by the Canadian Centre on Substance Use and Addiction (CCSA) in Ottawa and in early 2020 their research article Environmental Scan of Social Work's Regulatory Response to the Illicit Drug Overdose Crisis in Canada was published in the *Journal of Social Work Values and Ethics*. Jessica has now been accepted in the Master of Social Work program at the University of Waterloo.

Jessica, who lives in Ontario, completed her Uvic undergrad degree entirely by distance. "It was a great experience, one that I would recommend to any undergraduate student," she says. "This was my first experience collaboratively designing and completing research that resulted in formal presentation at a national conference and publication in a journal. My research supervisor Bruce Wallace was incredibly supportive and encouraging throughout the entire experience."

Emily Hazlehurst, who recently completed her undergraduate degree in Nursing at Uvic, did a research internship at CISUR where she took part in various research activities. She also led her own research by conducting an environmental scan of nursing organizations to determine how these organizations measure up on harm reduction, published in the *Canadian Journal of Nursing Research*.

"The team at CISUR is incredibly knowledgeable and welcoming. Throughout my research I was given many opportunities to collaborate and seek feedback from them," she says. "At first, it was a bit intimidating presenting and seeking feedback on my research as an undergrad student to a room full of such knowledgeable individuals; however, they treated me as part of the team, and provided an amazing environment to learn and develop my research skills in. My supervisor for this project was Marilou and it was easily the highlight of my undergraduate degree. She not only challenged and supported me throughout this project, but she also became a life-long mentor and friend — which I am extremely grateful for as I step into my practice as a provisional registered nurse."



CISUR Scientist Bernie Pauly visits the Lighthouse managed alcohol program in Saskatoon, Feb. 2019: “Without this program, participants would be homeless in -40 weather”

Moe, J., Godwin, J., Purssell, F., O’Sullivan, F., Hau, J., Purssell, E., Curran, J., Doyle-Waters, M., Brasher, P., **Buxton, J.A.**, & Hohl, C. (2020). Naloxone dosing in the era of ultra-potent opioid overdoses: A systematic review. *Canadian Journal of Emergency Medicine*, 22(2), 178-186. <https://doi.org/10.1017/cem.2019.471>

Moustaqim-Barette, A., Papamihali, K., Crabtree, A., Graham, B., Karamouzian, M., & **Buxton, J.A.** (2019). Correlates of take-home naloxone kit possession among people who use drugs in British Columbia: A cross-sectional analysis. *Drug and Alcohol Dependence*, 205, 107609.

Orchard, T., Bunch, M., Salter, K., & **Benoit, C.** (2020). Balance, capacity and the contingencies of everyday life: Narrative etiologies of health among women in street-based sex work. *Qualitative Health Research*, 30 (4), 518-529.

Paradis, C., **Zhao, J.**, **Stockwell, T.** (in press). What popular bars post on social platforms: A case for improved alcohol advertising regulation. *Health Promotion and Chronic Disease Prevention*.

Pauly, B., Brown, M., Evans, J., Gray, E., Schiff, R., Ivsins, A., **Krysowaty, B., Vallance, K., & Stockwell, T.** (2019). “There is a place”: Implementation and impacts of managed alcohol programs for people experiencing severe alcohol dependence and homelessness. *Harm Reduction Journal*, 16(70). HARJ-D-19-00035.

Pauly, B., King, V., Smith, A., Tranquilli-Doherty, S., Wisheart, M., **Vallance, K., Stockwell, T.**, & Sutherland, C. (in press). Breaking the cycle of survival drinking: Insights from a non-residential, peer-initiated and peer-run managed alcohol program. *Drugs: Education, Prevention & Policy*.

Pauly, B., Wallace, B., Pagan, F., Phillips, J., Wilson, M., Hobbs, H., & Connolly, J. (in press). Impact of overdose prevention sites during a public health emergency. *PLoS One*.

Pauly, B., Urbanoski, K., Hartney, E., **Shahram, S., Marcellus, L., Wallace, B., MacDonald, M.**, & Hancock, T. (2019). What is missing from patient oriented research? A view from public health systems and services. *Health-care Policy*, 15(2), 10-19.

- Parkes, T., Matheson, C., Carver, H., Budd, H., Liddell, D., Wallace, J., **Pauly, B.**, Fotopoulou, M., Burley, A., Anderson, I., MacLennan, G., & Foster, R. (2019). Supporting harm reduction through peer support (SHARPS): Testing the feasibility and acceptability of a peer-delivered, relational intervention for people with problem substance use who are homeless, to improve health outcomes, quality of life and social functioning, and reduce harms: Study protocol. *Pilot and Feasibility Studies*, 5(64).
- Purcell, R., Godwin, J., Moe, J., **Buxton, J.**, Crabtree A., Kestler, A., DeWitt, C., Scheuermeyer, F., Erdelyi, S., Balshaw, R., Rowe, A., Cochrane, C., Ng, B., Jiang, A., Risi, A., Ho, V., & **Brubacher, J.** (in press). Comparison of rates of opioid withdrawal symptoms and reversal of opioid toxicity in patients treated with two naloxone dosing regimens: A retrospective cohort study. *Clinical Toxicology*.
- Roemer, A., Stockwell, T., Zhao, J., Chow, C., Vallance, K., & Cherpitel, C.** (2019). Gender differences in the consumption of alcohol mixed with caffeine and risk of injury. *Drug and Alcohol Review*, 38(7), 750-757. <https://doi.org/10.1111/dar.12997>
- Schiff, R., **Pauly, B.**, Hall, A., **Vallance, K.**, Ivsins, A., **Brown, M.**, Gray, E., **Krysowaty, B.**, Evans, J. (2019). Managed alcohol programs in the context of housing first. *Housing, Care and Support*, 22(4), 207-215. doi: 10.1108/HCS-02-2019-0006
- Schoueri-Mychasiw, N., Weerasinghe, A., **Vallance, K., Stockwell, T., Zhao, J.**, Hammond, D., McGavock, J., Greenfield, T. K., Paradis, C., & **Hobin, E.** (in press). Examining the impact of alcohol labels on awareness and knowledge of national drinking guidelines: A real-world study in Yukon, Canada. *Journal of Studies on Alcohol and Drugs*. doi:10.15288/jsad.2020.81.262
- Selfridge, M.**, Cunningham, E., Milne, R., Drost, A., Barnett, T., Lundgren, K., Guarasci, K., Grebely, J., Fraser, C. (2019). Direct-acting antiviral treatment for hepatitis C, reinfection and mortality among people attending an inner-city community health centre in Victoria, Canada. *International Journal of Drug Policy*, 72, 106-113.
- Selfridge, M., Greer, A., Card, K.G., Macdonald, S., & Pauly, B.** (2020). "It's like super structural": Overdose experiences of youth who use drugs and police in three non-metropolitan cities around British Columbia. *International Journal of Drug Policy*, 76, 102623.
- Selfridge, M., Card, K.G., Greer, A.**, Ferencz, S., **Lachowsky, N.J., & Macdonald, S.** (2019). Respondent-driven sampling with youth who use drugs: A mixed methods assessment. *Contemporary Drug Problems*, 46(4), 363-378.
- Selfridge, M.** & Mitchell, L.M. (2020). Social media as moral laboratory: Street involved youth, death and grief. *Journal of Youth Studies*. doi: 10.1080/13676261.2020.1746758
- Shaw, L.V., Moe, J., Purcell, R., **Buxton, J.A.**, Godwin, J., Doyle-Warters, M.M., Brasher, P.M.A., Hau, J.P., Curran, J., & Hohl, C.M. (2019). Naloxone interventions in opioid overdoses: A systematic review protocol. *Systematic Reviews*, 8(1), 138. <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6560883/>
- Sherk, A.**, Gilmore, W., **Churchill, S.**, Lensvelt, E., **Stockwell, T.**, & Chikritzhs, T. (2019). Implications of cardioprotective assumptions for national drinking guidelines and alcohol harm monitoring systems. *International Journal of Environmental Research and Public Health*, 16(24), 4956.
- Sherk, A., Stockwell, T.**, April, N., **Churchill, S., Sorge, J.**, & Gamache, P. (in press). The potential health impact of an alcohol minimum unit price in Québec: An application of the International Model of Alcohol Harms and Policies. *Journal of Studies on Alcohol and Drugs*.
- Sherk, A., Thomas, G., Churchill, S., & Stockwell, T.** (in press). Does drinking within low risk guidelines prevent harm? Implications for high income countries using the International Model of Alcohol Harms and Policies. *Journal of Studies on Alcohol and Drugs*.
- Sherk, A.** (in press). The alcohol deficit: Canadian government revenue and societal costs from alcohol. *Health Promotion and Chronic Disease Prevention in Canada: Research, Policy and Practice*.
- Smith, N.K., **Brubacher, J.**, Andreou, P., & Asbridge, M. (2019). Does the inclusion of vehicle impoundment in provincial short-term administrative driver's license suspension programs reduce total and alcohol-related fatal collisions in Canada? *Traffic Injury Prevention*, 20(8), 771-776.
- Sorge, J.T.**, Young, M., Maloney-Hall, B., **Sherk, A.**, Kent, P., **Zhao, J., Stockwell, T.**, Perlova, K., **Macdonald, S.**, & Ferguson, B. (2019). Estimation of the impacts of substance use on workplace productivity: A hybrid human capital and prevalence-based approach applied to Canada. *Canadian Journal of Public Health*, 111, 202-211. <https://doi.org/10.17269/s41997-019-00271-8>
- Spithoff, S., Meaney, C., **Urbanoski, K.**, Harrington, K., Que, B., Kahan, M., Leece, P., & Sullivan, F. (2019). Opioid agonist therapy during residential treatment of opioid use disorder: Cohort study on access and services. *Canadian Family Physician*, 65(10), e443-e452.

- Staples, J.A., Merchant, K., Erdelyi, S., Lund, A., & **Brubacher, J.R.** (2019) Emergency department visits during the 4/20 cannabis celebration. *Emergency Medicine Journal*, 37, 187-192.
- Stockwell, T., Benoit, C., Card, K., & Sherk, A.** (2020). Problematic substance use or problematic substance use policies? *Health Promotion and Chronic Disease Prevention in Canada: Research, Policy and Practice*, 40(5-6), 135-138.
- Stockwell, T., Churchill, S., Sherk, A., Sorge, J., & Gruenewald, P.** (2020). How many alcohol attributable deaths and hospital admissions could be prevented by alternative pricing and taxation policies? Modelling impacts on alcohol consumption, revenues and related harms in Canada. *Health Promotion and Chronic Disease Prevention in Canada*, 40(5-6), 153-164.
- Stockwell, T., Solomon, R., O'Brien, P., Vallance, K., & Hobin, E.** (in press). Cancer warning labels on alcohol containers: A consumer's right to know, a government's responsibility to inform, and an industry's power to thwart. *Journal of Studies on Alcohol and Drugs*. doi:10.15288/jsad.2020.81.284
- Sukhawathanakul, P., **Thompson, K., Brubacher, J., & Leadbeater, B.** (2019). Marijuana trajectories and associations with driving risk behaviors in Canadian youth. *Traffic Injury Prevention*, 20(5), 472-477. PMID: 31194581
- Taha, S., Maloney-Hall, B., & **Buxton, J.** (2019). Lessons learned from the opioid crisis across the pillars of the Canadian Drugs and Substances Strategy. *Substance Abuse Treatment, Prevention and Policy*, 14(32), 1-10. <https://rdcu.be/bO8D7>
- Tsang, V., Papamihali, K., Crabtree, A., & **Buxton, J.A.** (2019). Acceptability of technological solutions for overdose monitoring: Perspectives of people who use drugs. *Substance Abuse*. doi: 10.1080/08897077.2019.1680479
- Valaitis, R., Wong, S., **MacDonald, M.**, Martin-Misener, R., O'Mara, L., Meagher-Stewart, D., Isaacs, S., Murray, N., Bauman, A., Burge, F., Green, M., Kaczorowski, J., & Savage, R. (2020). Addressing quadruple aims through primary care and public health collaboration: Ten Canadian case studies. *BMC Public Health*, 20(507).
- Urbanoski, K.** (2020). Commentary on Pilarinos *et al.* (2020): Scientific realism and the study of coerced substance use treatment. *Addiction*, 115(1), 107-108.
- Vallance, K., Stockwell, T.**, Hammond, D., Shokar, S., Schoueri-Mychasiw, N., Greenfield, T., McGavock, J., **Zhao J.**, Weerasinghe, A., & **Hobin, E.** (2020). Testing the effectiveness of enhanced alcohol warning labels and modifications resulting from alcohol industry interference in Yukon, Canada: Protocol for a quasi-experimental study. *JMIR Res Protoc.*, 9(1), e16320. doi: 10.2196/16320.
- Vallance, K., Stockwell, T., Zhao, J.**, Shokar, S., Schoueri-Mychasiw, N., Hammond, D., Greenfield, T. K., McGavock, J., Weerasinghe, A., & **Hobin, E.** (in press). Baseline assessment of alcohol-related knowledge of and support for alcohol warning labels among alcohol consumers in northern Canada and associations with key sociodemographic characteristics. *Journal of Studies on Alcohol and Drugs*. doi:10.15288/jsad.2020.81.238
- Vallance, K.**, Vincent, A., Schoueri-Mychasiw, N., **Stockwell, T.**, Hammond, D., Greenfield, T. K., McGavock, J., & **Hobin, E.** (in press). News media and the influence of the alcohol industry: An analysis of media coverage of alcohol warning labels with a cancer message in Canada and Ireland. *Journal of Studies on Alcohol and Drugs*. doi:10.15288/jsad.2020.81.273
- Weerasinghe, A., Schoueri-Mychasiw, N., **Vallance, K., Stockwell, T.**, Hammond, D., McGavock, J., Greenfield, T., Paradis, C., & **Hobin, E.** (2020). Improving knowledge that alcohol can cause cancer is associated with consumer support for alcohol policies: Findings from a real-world alcohol labelling study. *Int. J. Environ. Res. Public Health*, 17(2):398. doi:10.3390/ijerph17020398
- Weitzman, E.R., Magane, K.M., Chen, P.H., Amiri, H., **Naimi, T.S.**, & Wisk, L.E. (2019). Online searching and social media to detect alcohol use risk at population scale. *American Journal of Preventive Medicine*, 58(1), 79-88. doi:10.1016/j.amepre.2019.08.027
- Young, S., Williams, S., Otterstatter, M., Lee, J., & **Buxton, J.A.** (2019). Lessons learned from ramping up a provincial take home naloxone program during a public health emergency: A mix-methods evaluation. *BMJ Open*, 9(20), E030046. <https://bmjopen.bmj.com/content/bmjopen/9/10/e030046.full.pdf>

Zhao, J., Stockwell, T., Vallance, K., & Hobin, E. (in press). The effects of alcohol warning labels on population alcohol consumption: An interrupted time series analysis of alcohol sales in Yukon, Canada. *Journal of Studies on Alcohol and Drugs*. doi:10.15288/jsad.2020.81.225

Zhao, J., Sun, H., Ma, Y., & Cheng, X. (in press). Association of self-reported health with alcohol consumption: A study conducted among Chinese and Canadian middle-aged and older adults. *China Population and Development Research*. <https://doi.org/10.1007/s42379-020-00057-3>.

Books

Magnuson, D., **Jansson, M., & Benoit, C.** (2020). *"I feel like I've really grown up": The experience of emerging adulthood among street-involved youth*. Oxford University Press.

Book Chapters

Pauly, B., Varcoe, C., & Kolar, M. (in press). Vulnerable populations and nursing: Structural vulnerability as a health equity concern. In D. Gregory, C. Raymond-Senik, L. Patrick, & T. Stephen (Eds). *Fundamentals: Perspectives on the art and science of Canadian nursing* (2nd ed). Baltimore: Wolters Kluwer Health.

Remocker, C., Dyck, T., & Reist, D. (2020). Engaging the "heart and mind": Building community capacity for culturally grounded approaches to substance use on post-secondary campuses. L.R.E. Levac & S.M. Wiebe (Eds). *Creating spaces of engagement: Policy justice and the practical craft of deliberative democracy*. University of Toronto Press.

Stockwell, T., Giesbrecht, N., Sherk, A., Thomas, G., Vallance, K., & Wettlaufer, A. (2020). Lessons learned from the alcohol regulation perspective. In T. Decorte, S. Lenton, & C. Wilkins (Eds). *Legalizing cannabis: Experiences, lessons and scenarios*. Routledge.

Commissioned and Special Reports

Card, K.G. (2020). *Performance planning for integrated child and youth care teams*. A brief submitted to the Ministry of Mental Health and Addictions regarding the Integrated Child and Youth Teams in Maple Ridge-Pitt Meadows and Comox Valley school districts. BC Ministry of Mental Health and Addictions. Victoria, BC.

Card, K.G. (2020). *Measuring substance use patterns, motives, and harms among gay, bisexual, and other men who have sex with men*. A brief submitted to the Public Health Agency of Canada. Ottawa, ON.

Card, K.G., Hart, T.A., Aranda, J.F., Nunez, R.O., Lachowsky, N.J., Salway, T., & Jollimore, J. (2020). *Improving substance use related policies for gay, bisexual, and queer men*. A brief submitted to The Standing Committee on Health for the Committee's study of LGBTQ2 Health in Canada. Ottawa, ON.

Nichol, E., Urbanoski, K., & Pauly, B. (2019). *A peer-run cannabis substitution program: Experiences and outcomes over the first year*. Canadian Institute for Substance Use Research. http://solidvictoria.org/wp-content/uploads/2019/09/SOLID_CSP-Report_First-Year-Experiences-and-Outcomes_September-8_-2019.pdf

Pozer, J., Reist, D., & Dyck, T. (2019). *Rapid evidence review on regulatory capture with special attention to the emerging cannabis industry*. Commissioned by the BC Ministry of Health.

Stockwell, T., Sherk, A., Sorge, J., Norstrom, T., Angus, C., Chikritzhs, T., Churchill, S., Holmes, J., Meier, P., Naimi, T., Ramstedt, M. & Simpura, J. (2019). *Finnish alcohol policy at the crossroads: The health, safety and economic consequences of alternative systems to manage the retail sale of alcohol*. A report prepared for the Finnish alcohol monopoly, Alko. Canadian Institute for Substance Use Research, University of Victoria, BC, Canada.

Stockwell, T., Greenfield, T., Hammond, D., Hobin, E., O'Brien, P., O'Leary, R., Paradis, C., Sherk, A., & Vallance, K. (2019). *The potential of alcohol labelling to promote public health and safety in Canada: A rapid review*. Report prepared for the Alcohol Policy Unit, Health Canada by the Canadian Institute for Substance Use Research, University of Victoria, BC.

Urbanoski, K. & Sorge, J. (2019). *Opioid treatment indicators for youth: Knowledge summary*. Prepared for the Improving Treatment Together project team, Canadian Centre on Substance Use and Addiction.

CISUR Reports and Bulletins

Asbridge, M., **Thompson, K.**, Davis-MacNevin, P., **Wettlaufer, A.**, **Vallance, K.**, **Chow, C.**, **Stockwell, T.**, Giesbrecht, N., April, N., **Callaghan, R.**, Cukier, S., Dube, M., Hynes, G., Mann, R., Solomon, R., & **Thomas, G.** (2019). *Reducing alcohol-related harms and costs in Newfoundland and Labrador: A policy review*. Victoria, BC: Canadian Institute for Substance Use Research, University of Victoria.

Asbridge, M., **Thompson, K.**, Davis-MacNevin, P., **Wettlaufer, A.**, **Vallance, K.**, **Chow, C.**, **Stockwell, T.**, Giesbrecht, N., April, N., **Callaghan, R.**, Cukier, S., Dube, M., Hynes, G., Mann, R., Solomon, R., & **Thomas, G.** (2019). *Reducing alcohol-related harms and costs in Nova Scotia: A policy review*. Victoria, BC: Canadian Institute for Substance Use Research, University of Victoria.

Chow, C., **Vallance, K.**, **Wettlaufer, A.**, **Stockwell, T.**, Giesbrecht, N., April, N., Asbridge, M., **Callaghan, R.**, Cukier, S., Davis-MacNevin, P., Dube, M., Hynes, G., Mann, R., Solomon, R., **Thomas, G.**, & **Thompson, K.** (2019). *Reducing alcohol-related harms and costs in Yukon: A policy review*. Victoria, BC: Canadian Institute for Substance Use Research, University of Victoria.

Chow, C., **Vallance, K.**, **Wettlaufer, A.**, **Stockwell, T.**, Giesbrecht, N., April, N., Asbridge, M., **Callaghan, R.**, Cukier, S., Davis-MacNevin, P., Dube, M., Hynes, G., Mann, R., Solomon, R., **Thomas, G.**, & **Thompson, K.** (2019). *Reducing alcohol-related harms and costs in Nunavut: A policy review*. Victoria, BC: Canadian Institute for Substance Use Research, University of Victoria.

Chow, C., **Vallance, K.**, **Wettlaufer, A.**, **Stockwell, T.**, Giesbrecht, N., April, N., Asbridge, M., **Callaghan, R.**, Cukier, S., Davis-MacNevin, P., Dube, M., Hynes, G., Mann, R., Solomon, R., **Thomas, G.**, & **Thompson, K.** (2019). *Reducing alcohol-related harms and costs in Northwest Territories: A policy review*. Victoria, BC: Canadian Institute for Substance Use Research, University of Victoria.

CISUR Knowledge Exchange Unit. (2020). *Cannabis legalization: A guide for licensed private retail outlets*. Vancouver, BC, Canadian Institute for Substance Use Research, University of Victoria.

CISUR Knowledge Exchange Unit. (2020). *Cannabis legalization: A guide for workplaces*. Vancouver, BC, Canadian Institute for Substance Use Research, University of Victoria.

CISUR Knowledge Exchange Unit. (2020). *Cannabis legalization: An opportunity for healthier relationships with cannabis on campus*. Vancouver, BC, Canadian Institute for Substance Use Research, University of Victoria.

CISUR Knowledge Exchange Unit. (2020). *Cannabis legalization: Change & opportunity for schools*. Vancouver, BC, Canadian Institute for Substance Use Research, University of Victoria.

CISUR Knowledge Exchange Unit. (2020). *Cannabis legalization: Opportunity for healthy communities*. Vancouver, BC, Canadian Institute for Substance Use Research, University of Victoria.

CISUR Knowledge Exchange Unit. (2020). *Facilitating dialogue in the classroom*. Vancouver, BC, Canadian Institute for Substance Use Research, University of Victoria.

CISUR Knowledge Exchange Unit. (2019). *A guide to nurturing community dialogue*. Vancouver, BC, Canadian Institute for Substance Use Research, University of Victoria.

CISUR Knowledge Exchange Unit. (2020). *iMinds' 5i Model*. Vancouver, BC, Canadian Institute for Substance Use Research, University of Victoria.

CISUR Knowledge Exchange Unit. (2020). *Philosophical inquiry: A tool for drug and gambling education*. Vancouver, BC, Canadian Institute for Substance Use Research, University of Victoria.

CISUR Knowledge Exchange Unit. (2019). *Promoting dialogue in changing times: Conversation café*. Vancouver, BC, Canadian Institute for Substance Use Research, University of Victoria.

CISUR Knowledge Exchange Unit. (2019). *Promoting dialogue in changing times: Photovoice*. Vancouver, BC, Canadian Institute for Substance Use Research, University of Victoria.

CISUR Knowledge Exchange Unit. (2019). *Promoting dialogue in changing times: Understanding dialogue*. Vancouver, BC, Canadian Institute for Substance Use Research, University of Victoria.

CISUR Knowledge Exchange Unit. (2019). *Promoting dialogue in changing times: Walking tours*. Vancouver, BC, Canadian Institute for Substance Use Research, University of Victoria.

CISUR Knowledge Exchange Unit. (2020). *Rethinking "risk" in health education*. Vancouver, BC, Canadian Institute for Substance Use Research, University of Victoria.



The CISUR team donated more than \$400 in cash and gift cards to Victoria's Solid Outreach Society as a Christmas fundraiser

CISUR Knowledge Exchange Unit. (2020). *Talking with kids about drug use and gambling*. Vancouver, BC, Canadian Institute for Substance Use Research, University of Victoria.

CISUR Knowledge Exchange Unit. (2020). *Understanding and nurturing critical thinking*. Vancouver, BC, Canadian Institute for Substance Use Research, University of Victoria.

CISUR Knowledge Exchange Unit. (2020). *Understanding drug use and gambling*. Vancouver, BC, Canadian Institute for Substance Use Research, University of Victoria.

CISUR Knowledge Exchange Unit. (2020). *Why should schools move away from punitive responses?* Vancouver, BC, Canadian Institute for Substance Use Research, University of Victoria.

Dyck, T. (2020). *Regulating use & marketing of substances*. Substance Use Policy on Campus, Discussion Paper 4. Vancouver, BC: Healthy Minds | Healthy Campuses.

Giesbrecht, N., **Wettlaufer, A., Vallance, K., Chow, C., Stockwell, T.**, April, N., Asbridge, M., **Callaghan, R.**, Cukier, S., Davis-MacNevin, P., Dube, M., Hynes, G., Mann, R., Solomon, R., **Thomas, G., & Thompson, K.** (2019). *Reducing alcohol-related harms and costs in Ontario: A policy review*. Victoria, BC: Canadian Institute for Substance Use Research, University of Victoria.

Hobin, E., Shokar, S., Schoueri-Mychasiw, N., Vallance, K., & Stockwell, T. (2019). *Examining the impact of alcohol warning labels for increasing awareness of alcohol-related health risks and supporting more informed and safer alcohol consumption (Northern Territories alcohol label study: Baseline report – Executive Summary)*. Victoria, BC: Canadian Institute for Substance Use Research; University of Victoria.

Norman, T. & Reist, D. (2020). *Evaluating substance use and gambling education*. Vancouver, BC: Canadian Institute for Substance Use Research. <https://www.uvic.ca/research/centres/cisur/assets/docs/iminds/iminds-evaluating-education.pdf>

Reist, D. & Asgari, M. (2020). *Health education is education: an introduction to iMinds*. Vancouver, BC: Canadian Institute for Substance Use Research. <https://www.uvic.ca/research/centres/cisur/assets/docs/iminds/iminds-health-educ-is-educ.pdf>

Reist, D. & Asgari, M. (2019). *Drug/gambling education as health promotion*. Vancouver, BC: Canadian Institute for Substance Use Research.

Selfridge, M., Card, K.G., & Healey, P. (2020). *Youth experiences project: How police interactions impact youth who use drugs*. CISUR Bulletin #19, Victoria, BC: University of Victoria.

Stockwell, T., Wettlaufer, A., Vallance, K., Chow, C., Giesbrecht, N., April, N., Asbridge, M., Callaghan, R., Cukier, S., Davis-MacNevin, P., Dubé, M., Hynes, G., Mann, R., Solomon, R., Thomas, G., & Thompson, K. (2019). *Réduction des méfaits et des coûts liés à l'alcool au Québec : Examen de politiques*. Victoria, C. B. : Canadian Institute for Substance Use Research, Université de Victoria.

Stockwell, T., Vallance, K., Chow, C., Wettlaufer, A., Giesbrecht, N., April, N., Asbridge, M., Callaghan, R., Cukier, S., Davis-MacNevin, P., Dube, M., Hynes, G., Mann, R., Solomon, R., Thomas, G., & Thompson, K. (2019). *Reducing alcohol-related harms and costs in British Columbia: A policy review*. Victoria, BC: Canadian Institute for Substance Use Research, University of Victoria.

Thompson, K., Asbridge, M., Davis-MacNevin, P., Wettlaufer, A., Vallance, K., Chow, C., Stockwell, T., Giesbrecht, N., April, N., Callaghan, R., Cukier, S., Dube, M., Hynes, G., Mann, R., Solomon, R., & Thomas, G. (2019). *Reducing alcohol-related harms and costs in Prince Edward Island: A policy review*. Victoria, BC: Canadian Institute for Substance Use Research, University of Victoria.

Thompson, K., Asbridge, M., Davis-MacNevin, P., Wettlaufer, A., Vallance, K., Chow, C., Stockwell, T., Giesbrecht, N., April, N., Callaghan, R., Cukier, S., Dube, M., Hynes, G., Mann, R., Solomon, R., & Thomas, G. (2019). *Reducing alcohol-related harms and costs in New Brunswick: A policy review*. Victoria, BC: Canadian Institute for Substance Use Research, University of Victoria.

Vallance, K., Chow, C., Wettlaufer, A., Stockwell, T., Giesbrecht, N., April, N., Asbridge, M., Callaghan, R., Cukier, S., Davis-MacNevin, P., Dube, M., Hynes, G., Mann, R., Solomon, R., Thomas, G., & Thompson, K. (2019). *Reducing alcohol-related harms and costs in Alberta: A policy review*. Victoria, BC: Canadian Institute for Substance Use Research, University of Victoria.

Wettlaufer, A., Vallance, K., Chow, C., Stockwell, T., Giesbrecht, N., April, N., Asbridge, M., Callaghan, R., Cukier, S., Davis-MacNevin, P., Dube, M., Hynes, G., Mann, R., Solomon, R., Thomas, G., & Thompson, K. (2019). *Reducing alcohol-related harms and costs in Saskatchewan: A policy review*. Victoria, BC: Canadian Institute for Substance Use Research, University of Victoria.

Infographics

See www.cisur.ca to view

Weerasinghe, A., Schoueri-Mychasiw, N., **Vallance, K., Stockwell, T.**, Hammond, D., McGavock, J., Greenfield, T.K., Paradis, C., & **Hobin, E.** (2019). *Does knowing alcohol causes cancer improve support for alcohol policies?*

Sherk, A., Naimi, T., Stockwell, T., & Hobin, E. (2019). *Alcohol and calories*.

Opinion Editorials and Letters to News Outlets

Gagnon, M. (2019, July). Opinion: Safe consumption sites are key part of our health-care system. *Postmedia* (syndicated).

Gagnon, M. (2020, March). COVID-19: Marilou Gagnon—Don't allow a fear epidemic to undermine public education and support. *The Georgia Straight*.

Gagnon, M., Gauthier, T., Chapman, L., Harrison, S., Dribbenki-Pennock, T., Koch, B., Wilbur, K., & ANCHR. (2019, June). Now is not the time to halt funding of supervised consumption sites. *Edmonton Journal*.

Stockwell, T. (2019, October). Canada needs an Alcohol Act to address the damage caused by this deadly carcinogen. *The Conversation Canada*.

Urbanoski, K., Fraser, J., Arlt, S., & Gagnon, M. (2019, October). It's time to end Canada's simplistic approach to drug policy. *The Tyee*.

CISUR Student Dissertations

Greer, A., PhD. (2019). Work experiences and conditions among people who use drugs engaged in peer work: a critical examination of peer work in British Columbia, Canada. University of British Columbia.

Sherk, A., PhD. (2019). An evaluation of the alcohol total consumption model and development of the international model of alcohol harms and policies. University of Victoria.

Roemer, A., PhD. (2019). The risk for injury: Investigating the roles of alcohol, caffeine, risk-taking propensity, and gender. University of Victoria.

Vetrone, L., MA. (2019). Risky business? Understanding the educational experiences of street-involved youth. University of Victoria.

Below: Dr. Audra Roemer, PhD in clinical psychology

Student Stories: Laura Vetrone

Program: Masters, Child and Youth Care
Supervisors: Doug Magnusson, Cecilia Benoit

Laura successfully defended her Master's thesis on the Risky Business study looking at street-involved youth's experiences with education in summer 2019. She began her Ph.D. in Child and Youth Care program in September 2019 and was awarded an entrance scholarship of \$8,000. She is currently working toward publishing parts of her Master's thesis, beginning with an article on how street-involved youth view the education system.



Invited Presentations

Asgari, M. & Jenei, K. (2019, June). *Let's talk about vaping: An invitation to dialogue*. Dialogue session with Gibsons Elementary School students, Delta, BC.

Asgari, M. (2019, October). *Health education is education: Transforming drug and gambling education*. A professional development workshop for Chilliwack Alternate School teachers. Chilliwack, BC.

Asgari, M. (2019, November). *Let's talk about vaping*. Two dialogue sessions with Seaquam Secondary School students. Delta, BC.

Asgari, M. (2019, November). *Let's talk about vaping*. Dialogue session with Seaquam Alternate School students. Delta, BC.

Asgari, M. (2019, November). *Let's talk vaping: The power of dialogue*. Training workshop for Connex Alternate teachers. Maple Ridge, BC.

Asgari, M. (2019, November). *Let's talk vaping: The power of dialogue*. Training workshop for Pitt Meadows Secondary School teachers. Pitt Meadows, BC.

Benoit, C. (2020, January). *Sex trafficking vs. prostitution: The need for evidence-based laws and policies*. Elder Academy series: Sex, Drugs and Alcohol: Use and Overuse, University of Victoria, Victoria, BC.

Benoit, C., Jansson, M., Magnuson, D., Healey, P., Smith, M., Unsworth, R., & Vetrone, L. (2019, May). *Prostitution stigma and its effect on the working conditions, personal lives and health of sex workers*. Canadian-Australian Health Sociology Conference, Vancouver.

Card, K.G. (2019, May). *PrEP, party, and play?: The role of pre-exposure prophylaxis in ending HIV transmission among gay and bisexual men who enjoy chemsex*. Canadian Association for HIV Research, Saskatoon, SK.

Card, K.G. (2019, October). *Democratizing Research for Community-led Action: Changing the Face of Academic Engagement*. Meeting of the Canadian HIV Trials Network, Montreal, QC.

Carver, H., Parkes, T., Matheson, C., Brown, T., & **Pauly, B.** (2019, November). *Managed alcohol programs in Scotland: Emergent findings from a scoping study*. Society for the Study of Addiction Annual Conference, Newbury, UK.

Dyck, T. (2019, March). *Campus smoking policy options: Contribution to community well-being?* Healthy Minds | Healthy Campuses Summit 2019. Vancouver, BC.

Dyck, T. & Hamid-Balma, S. (2019, September). *Motivational interviewing at btb and beyond*. Webinar in support of Beyond the Blues education and screening days. Vancouver, BC.

Dyck, T. (2019, October). *An attempt around cultural shift around alcohol on campus: Why, how and to what ends?* Symposium on campus-based interventions to reduce alcohol-related harm, CCSA & PEP-AH. Sherbrooke, QC.

Dyck, T. (2020, March). *Three approaches to substance use on campus: Reflecting on issues and relationships*. Healthy Minds | Healthy Campuses regional forum. Victoria, BC

Gagnon, M. (2019, May). *"Act locally think globally": What harm reduction can teach us and why it matters*. Graduate Nursing Symposium, University of British Columbia, Vancouver, BC.

Gagnon, M. (2019, April). *Harm reduction nursing in Canada: Recent development and opportunities*. Annual Conference of the Canadian Association of Nurses in HIV/AIDS Care, London, On, Canada.

Healey, P., Jansson, M., Smith, M., Benoit, C., Magnuson, D., Unsworth, R., & Vetrone, L. (2019, October). *The impact of occupational stigma on sex workers' intimate relationships*. Canadian Sex Research Forum Annual Meeting, Victoria, BC.

Student Stories: Priscilla Healey

Program: PhD, Child and Youth Care

Supervisors: Doug Magnusson, Cecilia Benoit

Priscilla was awarded the Joseph-Armand Bombardier Canadian Graduate Scholarship - Doctoral Award (\$105,000), the Howard E. Petch Research Scholarship (\$74,500), the University of Victoria Graduate Award (\$1,210), and the CANET Foundation Graduate Student Award (\$2,000). She has been involved in a project to reduce stigma around sex work, sex work and drug use, and youth who use substances. She coauthored five publications and has presented findings at the Canadian Sex Research Forum and the Canadian-Australian Health Sociology Conference.

Healey, P., Benoit, C., Jansson, M., Magnuson, D., Smith, M., Unsworth, R., & Vetrone, L. (2019, June). *People in sex work compare it to other precarious jobs*. Canadian-Australian Health Sociology Conference, Vancouver, BC.

Levac, L., Wiebe, S., **Dyck, T., Remocker, C., Reist, D., et al.** (2019, June). *Creating spaces of engagement: Policy justice and the practical craft of deliberative democracy*. Canadian Political Science Association annual conference, Vancouver, BC.

Macdonald, S. (2020, January). *Arguments and science behind drug testing in the workplace*. Gerrand, Rath, Johnson Conference, Regina, SK.

Macdonald, S. (2020, January). *Cannabis, alcohol and other drugs: Science behind laws for impaired while driving and at work*. Elder Academy, University of Victoria, Victoria, BC.

Pauly, B., Shahram, S., Stroscher, H., van Roode, T., MacDonald, M., & ELPH Team. (2019, April). *Substance use and public health: Applying a health equity intersectionality lens*. Intersectionality on Health: Connecting the Dots - An Interdisciplinary Conference on the Social Dimensions of Health, Victoria, BC.

Pauly, B., Stockwell, T., Chow, C., Wettlaufer, A., Vallance, K., Brown, M., Evans, J., Grey, E., Schiff, R., Isvins, A., Kryswaty, B., & CMAPS Team. (2019, April). *Alcohol harm reduction: Managed alcohol programs*. Plenary Presentation at Harm Reduction 2019, hosted by Sacred Wolf Friendship Centre, Port Hardy, BC.

Pauly, B. & Wallace, B. (2019, May). *Overdose prevention in Scotland: What can we learn from British Columbia?* Scottish Drugs Forum, Dundee, Scotland.

Pozer, J. & Reist, D. (2019, May). *Rapid evidence review on regulatory capture with special attention to the emerging cannabis industry*. Meeting convened by the BC Ministry of Health, Victoria, BC.

Reist, D. (2019, October). *Let's talk about vaping: Exploring inter-generational dialogue*. Maple Ridge, BC.

Reist, D. (2020, February). *Can we teach resilience?* A professional development workshop and a parent engagement workshop sponsored by Ashcroft Community Action Team, Ashcroft, BC.

Reist, D. (2020, March). *Teaching resilience: Effective drug/gambling education*. A professional development workshop hosted by the Nanaimo School District, Nanaimo, BC.

Sherk, A. (2019, May). *The high cost of substance use in Canada*. University of Victoria Connect U Conference, Victoria, BC.

Smith, M., Benoit, C., Jansson, M., Magnuson, D., Healey, P., Unsworth, R., & Vetrone, L. (2019, June). *"I dodged the stigma bullet": Canadian sex workers' situated responses to occupational stigma*. Canadian-Australian Health Sociology Conference, Vancouver, BC.

Stockwell, T. (2019, October). *Finnish alcohol policy at the crossroads: Alternative health, safety and economic outcomes of tighter or looser regulatory systems*. Nordic Alcohol and Drug Policy Network International Conference on Substance Abuse Prevention, Helsinki, Finland.

Stockwell, T. (2019, October). *Finnish alcohol policy at the crossroads: The health, safety and economic consequences of alternative systems to manage the retail sale of alcohol*. Briefing for Alko board and staff, Helsinki, Finland.

Stockwell, T. (2019, December). *If alcohol in moderation likely has no health benefits, is it time to modify national low-risk drinking guidelines?* National Drug Research Institute, Perth, Western Australia.

Stockwell, T. & Vallance, K., Cukier, S. (2020, January). *Reducing alcohol-related harms and costs in British Columbia: A policy review*. Webinar presented to BC Ministry of Children and Family Development.

Stockwell, T., Wettlaufer, A., Vallance, K., & Giesbrecht, N. (2020, January). *Reducing alcohol-related harms and costs in British Columbia: A policy review*. Webinar presented to BC Ministry of Health and Liquor and Cannabis Regulation Branch.

Stockwell, T., Wettlaufer, A., Vallance, K., Mann, R., Cukier, S., & Giesbrecht, N. (2019, November). *Reducing alcohol-related harms and costs in Ontario: A policy review*. Webinar presented to Ontario Ministry of Finance.

Stockwell, T., Wettlaufer, A., Vallance, K., Chow, C., & Giesbrecht, N. (2019, September). *Reducing alcohol-related harms and costs in Alberta: A policy review*. Webinar presented to Alberta Health Services.

Stockwell, T., Wettlaufer, A., & Vallance, K. (2019, July). *Reducing alcohol-related harms and costs in Northwest Territories: A policy review*. Webinar presented to Mayor of Yellowknife.

Stockwell, T., Wettlaufer, A., Vallance, K., Giesbrecht, N., Asbridge, M., & **Thompson, K.** (2019, July). *Reducing alcohol-related harms and costs in Northwest Territories: A policy review*. Webinar presented to NWT Addictions.

Student Stories: Róisín Unsworth

Program: PhD, Sociology

Supervisor: Cecilia Benoit

Over the past year, Róisín was awarded the Joseph-Armand Bombardier Canadian Graduate Scholarship - Doctoral Award (\$105,000) and the President's Research Scholarship (\$4,000). Róisín's PhD research project is called "Gender-based violence, substance use and pathways to resilience for young women." At CISUR, she has been involved in projects about reducing stigma around sex work, integrated knowledge translation and youth health. She coauthored a publication and has presented findings at the Canadian-Australian Health Sociology Conference and the Canadian Sex Research Forum.

Stockwell, T., Wettlaufer, A., Vallance, K., Giesbrecht, N., Asbridge, M., **Chow, C., & Thompson, K.** (2019, June). *Reducing alcohol-related harms and costs in Manitoba: A policy review*. Webinar presented to Liquor, Gaming and Cannabis Authority of Manitoba.

Stockwell, T., Wettlaufer, A., Vallance, K., Giesbrecht, N., & Mann, R. (2019, June). *Reducing alcohol-related harms and costs in Ontario: A policy review*. Webinar presented to Alcohol and Gaming Commission of Ontario.

Stockwell, T., Wettlaufer, A., Vallance, K., Chow, C., & Cukier, S. (2019, May). *Reducing alcohol-related harms and costs in Alberta: A policy review*. Webinar presented to Alberta Health Services.

Unsworth, R., Benoit, C., Jansson, M., Magnuson, D., **Healey, P., Smith, M., & Vetrone, L.** (2019, June). *What changes or supports do sex workers want?* Canadian-Australian Health Sociology Conference, Vancouver, BC.

Unsworth, R., Jansson, M., Benoit, C., Smith, M., Magnuson, D., **Healey, P., & Vetrone, L.** (2019, October). *The link between violence and the delivery of sexual services*. Canadian Sex Research Forum Annual Meeting, Victoria, BC.

Urbanoski, K. (2020, January) *Services for pregnant and parenting people who use substances: Population health perspective*. Vancouver Coastal Health Perinatal Substance Use Project, Planning Workshop, Vancouver, BC.

Urbanoski, K. (2019, December). *Multisectoral services for women with substance use problems: The healthy mothers, healthy families study*. National Addictions Centre, King's College London, London, UK.

Urbanoski, K. (2019, August). *Substance use treatment system enhancement: Core principles*. Research Rounds, Ministry of Health, Victoria, BC.

Urbanoski, K. (2019, June). *Substance use treatment systems: Principles drawn from research and evaluation*. Mental Health and Substance Use Quality Council, Island Health, Victoria, BC.

Urbanoski, K. (2019, May). *Cannabis substitution programs: Evidence and possibilities*. Invited speaker at: Cannabis: revelations through research. Five Days in May, Island Health, Victoria, BC.

Urbanoski, K. (2019, May). *Integrated treatment for pregnant and parenting women with substance use and mental health problems*. Centre for Social Research on Alcohol and Drugs (SoRAD), Department of Public Health Sciences, Stockholm University, Sweden.

Urbanoski, K. (2019, May). *Supporting vulnerable women: A focus on stigma and safety* (panellist). Five Days in May, Island Health, Victoria, BC.

Wallace, B. (2019, October). Panel discussion on *legal frameworks that restrict licit safe supply and the legal ramifications of running illicit safe supply projects*. Safe Supply 2019 conference, Pender Island, BC.

Zhao, J. (2019, November). *Association of self-reported health with alcohol consumption: A study conducted among Chinese and Canadian middle-aged and older adults*. China Population and Development Research Center, Beijing, China.

Other Presentations

Brubacher, J.R., Chan, H., Davis, P., Lee, J., Koger, K., Rowe, B., Vaillancourt, C., & Wishart, I. (2019, May). *The prevalence and pattern of drug use in injured drivers in four Canadian provinces*. Canadian Association of Emergency Physicians (CAEP) Annual Scientific Meeting, Halifax, NS.

Brubacher, J.R., Chan, H., Erdelyi, S., & Asbridge, M. (2019, August). *The prevalence and pattern of drug use in injured drivers in four Canadian provinces*. The 2019 International Council on Alcohol, Drugs and Traffic Safety Conference, Edmonton, AB

Brubacher, J.R., Chan, H., Erdelyi, S., & Asbridge, M. (2019, August). *Cannabis & motor vehicle crashes: A Canadian culpability study*. The 2019 International Council on Alcohol, Drugs and Traffic Safety Conference, Edmonton, AB.

Burmeister, C., Newman, C., Choisl, P., Donaghy, K., Moore, L., Trider, H., & **Buxton, J.** (2019, November). *Peer engagement in harm reduction: Identifying priorities in harm reduction from the perspectives of people with lived experience*. Issues of Substance Conference, Ottawa, ON.

Burmeister, C., Newman, C., Choisi, P., Donaghy, K., Moore, L., Trider, H., & **Buxton, J.** (2019, November). *Ask the experts: Maintaining a peer advisory group in British Columbia*. Issues of Substance Conference, Ottawa, ON.

Buxton, J.A., Papamihali, K., Busto, E., Graham, B., & Crabtree, A. (2019, October). *Exploring reasons people use drugs alone – more than stigma or concerns about police*. International Conference on Law Enforcement and Public Health (LEPH2019), Edinburgh, Scotland.

Buxton, J.A., Papamihali, K., Graham, B., Crabtree, A., Mill, C., Karamouzian, M., Kuo, M., & Young, S. (2019, May). *Changing landscape of opioid use in British Columbia, Canada: A shift towards fentanyl-seeking behaviour*. Harm Reduction Conference, Porto, Portugal.

Card, K.G., Ablona, A., Marchand, R. Trussler, T., & **Lachowsky, N.J.** (2019, October). *Men and meth: Contextualizing the role of methamphetamine use in shaping sex, risk, and knowledge among gay, bisexual, and other men who have sex with men*. Annual Meeting of the Canadian Sex Research Forum, Victoria, British Columbia.

Darvishian, M., Rossi, C., Wong, S., Yu, A., Woods, R., Binka, M., Butt, Z.A., **Buxton, J.**, et al. (2019, April). *Cancer risk among people with HIV, HBV and/or HCV infections*. International Liver Congress, Vienna, Austria.

Fulcher, K., **Taylor, K.**, Berlin, G., **Card, K.G.**, & **Lachowsky, N.J.** (2019, October). *Sexualized substance use among gay, bi and queer men*. Annual Meeting of the Canadian Sex Research Forum, Victoria, British Columbia.

Janssen, R.M., **Buxton, J.**, Young, S., Chu, T., & Lysyshyn, M. (2019, May). *Pilot take home drug checking in British Columbia – preliminary data from Vancouver*. BC Substance Use Conference Coming Together, Vancouver, BC.

Jiang, A., Godwin, J., Moe, J., **Buxton, J.**, Crabtree, A., Kessler, A., Scheuermeyer, F., Erdelyi, S., **Slaunwhite, A.**, Rowe, A., Cochrane, C., Ng, B., Risi, A., Ho, V., Brar, R., **Brubacher, J.**, & Pursell, R. (2019, May). *One-year mortality of patients treated in the emergency department for an opioid overdose: A single-centre retrospective cohort study*. Canadian Association Emergency Physician (CAEP) conference, Halifax, NS.

The CISUR team adjusting to working remotely





CISUR Director Tim Stockwell presents at the 2019 Kettil Bruun Society for Social and Epidemiological Research on Alcohol conference, June 2019, in Utrecht, Netherlands

Klaire, S., Janssen, R., Olson, K., Young, S., Bridgeman, J., Korol, E., Jedrzejowski, H., Payan, S., Chu, T., Ghafari, C., **Buxton, J.**, & Lysyshyn, M. (2019, November). *Take home drug checking in British Columbia*. Issues of Substance Conference, Ottawa, ON.

Lake, S., Kerr, T., **Buxton, J.**, **Walsh, Z.**, & Milloy, M.J. (2019, November). *Characterizing motivations for cannabis use in a cohort of people who use illicit drugs: A latent class analysis*. Issues of Substance Conference, Ottawa, ON.

Leclerc, P., **Buxton, J.A.**, Graham, B., Papamihali, K., Hyshka, E., Taylor, M., Tremblay, C., Caron, N., & Morissette, C. (2019, November). *Towards a cross-Canada surveillance of illicit drug content*. Issues of Substance Conference, Ottawa, ON.

Levac, L., Wiebe, S., **Dyck, T.**, **Remocker, C.**, **Reist, D.**, et al. (2019, June). *Creating spaces of engagement: Policy justice and the practical craft of deliberative democracy*. Canadian Political Science Association annual conference, Vancouver, BC.

Milligan, K., **Urbanoski, K.**, & Meixner, T. (2019, May). *Horizontally supporting the needs of mothers with problematic substance use and their young children*. It Takes a Village Conference, Oslo, Norway.

Moe, J., Godwin, J., O'Sullivan, F., Hau, J., Purssell, E., Curran, J., Doyle-Waters, M., Brasher, P., **Buxton, J.**, & Hohl, C.M. (2019, May). *Naloxone dosing for suspect opioid and ultra-potent opioid overdoses: A systematic review*. Canadian Association Emergency Physician (CAEP) conference, Halifax, NS.

- Moore, D.M., Wang, L., Armstrong, H.L., **Card, K.G.**, Olarewaju, G.B., Elefante, J., **Lachowsky, N.J.**, & Hogg, R.S. (2019, May). *Trajectories of frequent methamphetamine use among HIV positive and negative gay, bisexual and other men who have sex with men (gbMSM) in Vancouver*. Canadian Association for HIV Research, Saskatoon, SK.
- Moustaqim-Barrette, A., Papamihali, K., Karamouzian, M., Crabtree, A., Mill, C., Young, S., & **Buxton, J.A.** (2019, November). *Correlates of take-home naloxone kit possession among people who use drugs in British Columbia - a cross-sectional analysis*. Issues of Substance Conference, Ottawa, ON.
- Nicol, E.**, Milligan, K., & **Urbanoski, K.** (2019, November). *Defining success in integrated treatment programs for pregnant and parenting women who use drugs: A qualitative analysis conceptualizing outcomes*. Issues of Substance Conference, Ottawa, ON.
- Papamihali, K., Graham, B., Crabtree, A., Mill, C., Karamouzian, M., Kuo M., Young, S., & **Buxton, J.A.** (2019, November). *Identifying barriers of access and retention in opioid agonist treatment in British Columbia*. Issues of Substance Conference, Ottawa, ON.
- Papamihali, K., Graham, B., Crabtree, A., Mill, C., Karamouzian, M., Kuo, M., Young, S., & **Buxton, J.A.** (2019, May). *Changing landscape of substance use in British Columbia: A shift towards intentional fentanyl use and methamphetamine use*. Canadian Association for HIV Research, Saskatoon, SK.
- Papamihali, K., Graham, B., Crabtree, A., Mill, C., Karamouzian, M., Kuo M., Young, S., & **Buxton, J.A.** (2019, May). *Harm reduction site clients report barriers to accessing supplies and services in British Columbia*. Canadian Association for HIV Research, Saskatoon, SK.
- Papamihali, K., Graham, B., Crabtree, A., Mill, C., Karamouzian, M., Kuo, M., Young, S., & **Buxton, J.A.** (2019, April). *Changing landscape of opioid use in British Columbia: A shift towards fentanyl-seeking behavior*. Canadian Public Health Association Conference, Ottawa, ON.
- Papamihali, K., Graham, B., Crabtree, A., Mill, C., Karamouzian, M., Kuo M., Young, S., & **Buxton, J.A.** (2019, April). *Increased prevalence of methamphetamine use: A call for improved safer inhalation and smoking resources in British Columbia*. Poster presentation. Canadian Public Health Association Conference, Ottawa, ON.
- Papamihali, K., Graham, B., Crabtree, A., Mill, C., Karamouzian, M., Kuo M., Young, S., & **Buxton, J.A.** (2019, April). *Identifying barriers of access and retention in opioid agonist treatment in British Columbia*. Canadian Public Health Association Conference, Ottawa, ON.
- Payer, D., **Buxton, J.**, Young, M., CCENDU site coordinators and Drug checking working group members. (2019, November). *CCENDU snapshot: An overview of contaminated drugs on the regulated market*. Issues of Substance Conference, Ottawa, ON.
- Pauly, B.**, Phillips, P., Cameron, F., Rosen, C., Haddad, T., Wagner, H., Bullock, B., Trytten, C., & **Urbanoski, K.** (2019, November). *Creating culturally safe primary care*. Putting Patients First 2019, BC Support Unit, Vancouver, BC.
- Pauly, B.** & **Stockwell, T.** (2019, November). *Learnings and (stories) from the Canadian Managed Alcohol Program Study*. Issues of Substance Conference, Ottawa, Ontario.
- Pauly, B.** & **Wallace, B.** (2019, September). *From contaminated to enabling spaces*. Fifth Contemporary Drug Problems Conference, Prato, Italy.
- Pighin, S. & **Selfridge, M.** (2019, November). *Know your rights with police*. Two Spirit Gathering – Victoria Native Friendship Centre, Victoria, BC.
- Purssell, R., Godwin, J., Moe, J., **Buxton, J.**, Crabtree, A., Kestler, A., Scheuermeyer, F., Erdelyi, S., Rowe, A., Cochrane, C.K., Ng, B., Jiang, B., Risi, A., Ho, V., & **Brubacher, J.** (2019, September). *Rates of adequate reversal and symptoms of opioid withdrawal syndrome in patients treated initially with low dose naloxone or high dose naloxone*. North American Congress of Clinical Toxicology, Nashville, Tennessee.
- Selfridge, M.** (2020, January). *heART space: Compassion building around overdose*. University of Victoria's Elder Academy, Victoria, BC.
- Selfridge, M.**, Bing, O., Hamilton, S., & Kennedy, M. (2020, March). *Should I call 911? Youth, overdose and police*. University of Victoria's Ideafest, Victoria, BC.
- Selfridge, M.**, Mitchell, L.M., **Greer, A.**, & **Pauly, B.** (2019, September). *"Accidental intimacies": Reconsidering perceptions of police through their bodily encounters with youth who use drugs*. Fifth Contemporary Drug Problems Conference, Prato, Italy.

Sherk, A. (2019, June). *The potential health impact of an alcohol minimum unit price in Quebec*. Kettil Bruun Society International Alcohol Epidemiology Research Conference, Utrecht, Netherlands.

Sherk, A., Fairbank, J., & Kent, P. (2019, November). *Become a data explorer: Understanding Canadian Substance Use Costs and Harms using data visualization*. Issues of Substance Conference, Ottawa, ON.

Sherk, A., Young, M., & **Stockwell, T.** (2019, November). *Don't let precision be the enemy of policy progress: The case of evidence-based modelling of substance use data to answer critical policy questions*. Issues of Substance Conference, Ottawa, ON.

Stockwell, T., Vallance, K., Hammond, D., Rosella, L., Shokar, S., Schoueri-Mychasiw, N., Greenfield, T., Paradis, C., Manson, H., McGavock, J., & **Hobin, E.** (2019, June). *Testing alcohol labels as a tool to communicate cancer risk to drinkers: A real-world quasi-experimental study*. 45th Annual Meeting of the Kettil Bruun Society for Social Epidemiological Research on Alcohol, Utrecht, Netherlands.

Taylor, K., Berlin, G., Fulcher, K., **Card, K.G., & Lachowsky, N.J.** (2019, October). *Managing internalized homonegativity with methamphetamine: Meth phenomenology, pleasure, intimacy, and the loss of inhibition between men who have sex with men*. Annual Meeting of the Canadian Sex Research Forum, Victoria, British Columbia.

Urbanoski, K., Cameron, F., Conor, C., & **Pauly, B.** (2019, November). *Reducing stigma and promoting safe primary care for people who use substances*. Issues of Substance Conference, Ottawa, Ontario.

Vallance, K., Vincent, A., **Stockwell, T.,** Hammond, D., Greenfield, T., McGavock, J., & **Hobin, E.** (2019, October). *Global news media and the influence of the alcohol industry: A content analysis of news coverage of alcohol warning labels with a cancer message in Canada and Ireland, 2017-2019*. Public health and the global governance of alcohol conference, Kettil Bruun Society Thematic Meeting, Melbourne, Australia.

Vallance, K., Wettlaufer, A., Stockwell, T., Chow, C., & Giesbrecht, N. (2019, June). *Towards reduced alcohol-related harm in Canada: Engaging policy stakeholders to translate research knowledge into practice*. 45th annual Kettil Bruun Alcohol and Epidemiology Symposium, Utrecht, Netherlands.

Vallance, K., Wettlaufer, A., Stockwell, T., Giesbrecht, N., **Chow, C.,** Cukier, S., Asbridge, M., Hynes, G., & **Thomas, G.** (2019, November). *Are Canadian jurisdictions implementing evidence-based alcohol policies? A Report card based on 11 policy domains*. Issues of Substance Conference, Ottawa, Canada.

Wallace, B. & Pauly, B. (2019, May). *Sheltering risks: Harm reduction in homeless shelters*. Harm Reduction International Conference, Porto, Portugal.

Williams, S., Lewis-King, T., Young, S., Ogborne-Hill, E., Kuo, M., & **Buxton, J.A.** (2019, November). *Evaluation of British Columbia's facility overdose response box program for community organizations*. Issues of Substance Conference, Ottawa, ON.

Williams, S., Mamdani, Z., Young, S., Ogborne-Hill, E., Kuo, M., & **Buxton, J.A.** (2019, November). *Advancing naloxone training and access during a public health emergency in British Columbia*. Issues of Substance Conference, Ottawa, ON.

Williams, S., Papamihali, K., Young, S., Ogborne-Hill, E., Kuo, M., Fraser, M., & **Buxton, J.A.** (2019, May). *Innovation and partnerships to advance access to naloxone during a public health emergency in British Columbia*. Poster presentation. Canadian Collaborative Mental Health Care Conference, Richmond, BC.

Williams, S., Young, S., Ogborne-Hill, E., Kuo, M., Fraser, M., & **Buxton, J.A.** (2019, April). *Increasing access to take home naloxone in response to British Columbia's opioid overdose crisis*. Canadian Public Health Association Conference, Ottawa, ON.

Wilton, J., Purssell, R., Janjua, N., Zhao, B., Abdia, Y., Balshaw, R., & **Buxton, J.A.** (2019, November). *Chronic prescription opioid therapy associated with injection drug use: A large administrative cohort study*. Issues of Substance Conference, Ottawa, ON.

Zhao, J., Stockwell, T., Vallance, K., & Hobin, E. (2019, June). *The effects of alcohol warning labels on alcohol consumption in Yukon: An interrupted time-series design study*. 45th Annual Meeting of the Kettil Bruun Society for Social Epidemiological Research on Alcohol, Utrecht, Netherlands.

CISUR Sponsored Conferences and Seminars

Defining addiction: different models, different treatments? With Karen Urbanoski and Evan James, Substance Use Grand Rounds, co-presented by CISUR and Island Health. 2020 Feb 20, Victoria, BC.

Should I call 911? Youth, overdose and police. UVic's IdeaFest 2020. 2020 March 5, Victoria, BC.

Approximately 15 webinars were also delivered to diverse audiences across Canada specifically on CISUR research projects.

Table 4. Performance Indicators for Key Result Area 4: Dissemination

	OBJECTIVES	PERFORMANCE INDICATORS
4.1	To publish research findings in international peer reviewed journal articles	<p>Number of articles published each year by CISUR researchers and students in peer reviewed journals</p> <p>Benchmark: 70 2019/2020: 82</p>
4.2	To publish research findings in book chapters, books and research monographs	<p>Number of book chapters, books or research monographs published by CISUR researchers and students each year</p> <p>Benchmark: 25 2019/2020: 19</p>
4.3	To disseminate research findings through reports, systematic reviews and other resources, nationally and internationally	<p>Number of reports, systematic reviews or other resources published each year</p> <p>Benchmark: 35 2019/2020: 52</p>
4.4	To achieve a high academic impact for CISUR addictions-related research so that it is well known, frequently requested and often cited internationally	<p>Number of citations in peer reviewed journals of research by CISUR scientists and graduate students per year</p> <p>Benchmark: 1,000 2019/2020: 1,473 (Web of Science search, a more conservative source than the previously used Google Scholar)</p>
4.5	To conduct seminars, workshops, lectures and occasional conferences on related policy, practice and research	<ul style="list-style-type: none"> • Number of public research seminars, symposia, workshops or conferences convened or co-convened by CISUR • Number of invitations to CISUR researchers to present at conferences or symposia each year • Number of papers accepted for presentation by CISUR researchers and students at conferences or symposia each year <p>Benchmarks: 5 / 25 / 35 2019/2020: 12/54/53</p>

"To contribute to constructive communication and cooperation between producers, intermediaries and users of various types of knowledge for the implementation of evidence-based policy and practice."

Highlights

Knowledge mobilization is always complex. It involves building relationships with those who have opportunity to apply knowledge to change policies, practices and just the way we think and talk about substance use in our society. At CISUR, we are constantly involved in trying to help in this process of knowledge application. This year, three particular examples stand out.

We have long had an interest in promoting dialogue in community settings to address challenges related to substance use. Recently, this has focused on helping communities to acquire and apply knowledge and skill in facilitating dialogue to address the ongoing opioid overdose emergency in our province. More than 50 communities have been involved in engaging people with lived experience, service providers, business people and local leaders in trying to understand each other. Two communities (Chilliwack and Nanaimo) have become so involved in this work that they have applied for research funding from the Canadian Institutes of Health Research and the Michael Smith Foundation to continue learning and applying knowledge about dialogue to a real community challenge.

We launched the Canadian Alcohol Policy Evaluation reports in 2019. This project involved preparing and delivering report cards for all territorial, provincial and federal governments on the implementation of evidence-based alcohol policies. The uptake has been incredible. Over 700 policymakers and stakeholders from around Canada attended webinars. Reports were downloaded from our website over 900 times within the first three months. Most encouragingly, there have been tangible policy changes emerging as a result.

Over the past decade, we have been involved in developing a new approach to drug and gambling education. This year we developed a major suite of professional learning resources to help educators apply this approach in unique curricular and classroom setting. The goal is to develop the capacity for teachers to construct their own lessons for the particular subject and the needs of their students. The suite includes papers on the philosophy of education and evaluation as well as various practical tools for developing competence. Together with the Division of Continuing Studies, we are now planning to supplement these resources with an online course on our approach to health education.

CURRENT PROJECTS

- **Healthy Minds | Healthy Campuses**

Investigators: Reist, D., Remocker, C., & Dyck, T.

Funding bodies: Provincial Health Services Authority, BC Ministry of Health

Duration of support: 2015-2020



Healthy Minds | Healthy Campuses is a province-wide community-of-practice promoting campus mental health. The project is based on the notion that success in a post-secondary institution, as in any setting, requires attending to the collective well-being of the campus itself as well as the well-being of individuals. CISUR, together with the Canadian Mental Health Association (BC Division), provides the Support Team for this work. In particular, CISUR also provides support for the Changing the Culture of Substance Use initiative.

Recent work has included:

- Working closely with the Leadership Committee (campus representatives) to develop the HM|HC strategic plan and terms of reference for the Leadership Committee
- Helping to plan and deliver the first HM|HC regional forum at Royal Roads University including a presentation by T. Dyck entitled, *Three approaches to substance use on campus: Reflecting on issues and relationships*
- Helping to plan and deliver five HM|HC talks:
 - » *Responding to loneliness on campus*, July 11, 2019
 - » *Thinking about the culture of loneliness on campus*, July 31, 2019
 - » *Peer support on campus*, October 9, 2019
 - » *Vaping on campus*, February 13, 2020
 - » *Coping with COVID-19 on BC campuses*, March 26, 2020

- **Helping Communities**

Investigators: Reist, D., Norman, T., Dyck, T., Jenei, K., Pankratz, N., Nicolussi, G., Asgari, M., & Pozer, J.

Funding bodies: Provincial Health Services Authority, BC Ministry of Health

Duration of support: 2015-2020

Helping Communities is an ongoing project that aims to help communities, organizations and systems address substance use and gambling from a health promotion perspective. Ultimately, the goal is healthy people in healthy communities. Achieving this requires much more than promoting healthy actions by individuals. It means advocating for policies and practices that acknowledge the complex circumstances that impact on people's actions and abilities. It means seeking to create environments free from childhood trauma and other factors that increase the likelihood of substance use or gambling problems in youth and adulthood. And, it means promoting social connectedness that increases meaningful opportunities and reduces isolation and anti-social behaviour. Across all systems providing services and supports, the focus should be on developing community and individual capacities, giving adequate attention to both healthy public policy and community action.



Activities in 2019-20 involved:

- Consultation and support to a wide range of community members and agencies including:
 - » BC Mental Health and Substance Use Health Literacy Network
 - » BC Partners for Mental Health and Substance Use Information
 - » BC School-Centred Mental Health Coalition
 - » Blunt Talk II Advisory Committee, McCreary Centre Society
 - » Mandatory Display Provincial Advisory Committee
 - » Overdose Prevention and Education Network (OPEN) Advisory Group
 - » Public Health Association of BC
 - » Youth Cannabis Prevention Plan Advisory Committee
- Development and sharing or publication of:
 - » Cannabis legalization: An opportunity for healthier relationships with cannabis on campus
 - » Cannabis legalization: Opportunity for healthy communities
 - » Cannabis legalization: A guide for licensed private retailers
 - » Cannabis legalization: Change & opportunity for schools
 - » Cannabis legalization: A guide for workplaces
 - » Fostering Collaboration for Mental Health and Substance Use Literacy -A Short Discussion Paper
 - » Rapid evidence review on regulatory capture with special attention to the emerging cannabis industry

- **Alcohol and Other Drug Screening and Education**

Investigators: Reist, D. & Dyck, T.

Funding bodies: Provincial Health Services Authority, BC Ministry of Health

Duration of support: 2015-2020

Alcohol and other drug screening and education is an ongoing project aimed at extending the reach of assessment tools and harm reduction information to help more people in BC take greater control over their health in regard to substance use. Screening can itself encourage self-management (and not just referral to specialized assistance for substance-related problems), including uptake of evidence-based substance use guidance through [Here to Help](#) and other helpful web portals.

This project to date has involved creating and promoting online and paper-based [screening tools](#) and [brief intervention materials](#) for adults and teens, and supporting harm reduction events, such as [Beyond the Blues](#) education and screening days, by participating in planning meetings and providing training and tools for local organizers.

- **BC Partners Evaluation Development**

Investigators: Reist, D. & Norman, T.

Funding body: Provincial Health Services Authority

Duration of support: 2020-2021

This project involves facilitating the development and implementation of an evaluation process for the BC Partners for Mental Health and Substance Use Information in collaboration with the BCP Evaluation Committee. This will include development of a guide and tools to support responsive evaluation of BCP processes, activities and projects and nurturing evaluation capacity within the partner agencies.

Activity in 2019-2020 involved preparation of an introductory paper (Introduction to Responsive Evaluation).

- **Youth Cannabis Prevention and Promotion Plan**

Investigators: Reist, D. & Pozer, J.

Funding body: Child Health BC

Duration of support: 2019

This project involved supporting a provincial advisory committee in developing a recommended Youth Cannabis Prevention and Promotion Plan for the BC Ministry of Health. CISUR prepared an international environmental scan and an evidence review of prevention and health promotion efforts related to cannabis and worked directly with the advisory committee to understand and incorporate the relevant knowledge.



Alcohol & Other Drugs

- **Here to Help Information Products**

Investigators: Reist, D., Norman, T., Dyck, T., Pankratz, N., & Nicolussi, G.

Funding bodies: Provincial Health Services Authority, BC Ministry of Health

Duration of support: 2015-2020

Here to Help is a project of the BC Partners for Mental Health and Substance Use Information. Since 2004, CISUR has been working with this group of provincial mental health agencies to promote health and wellness related to mental health and substance use by improving health literacy. We believe good information can help empower people to make better decisions about areas that affect their health and well-being, or the health and well-being of someone they care about.

In 2019-20 our contributions included:

- Publication of:
 - » What is the evidence around vaping?
 - » Youth and Alcohol
 - » Cannabis and Driving
 - » Cannabis and the Workplace
- Updates to:
 - » Learn about alcohol
 - » Safer Injecting
 - » Safer Cannabis Use
 - » Safer Drinking
 - » Safer Smoking
 - » Safer Tripping
 - » Tips for a safe night out

See the complete list of CISUR publications related to this project at [cisur.ca](https://www.cisur.ca)

- **Language Instruction for Newcomers to Canada (LINC Lessons for Newcomers)**

Investigators: Reist, D., Pankratz, N., & Norman T.

Funding body: Provincial Health Services Authority

Duration of support: 2019-2020

LINC Lessons for Newcomers is a BC Partners project that grew out of a review and extensive community consultation begun in 2015 to better understand and support needs related to mental health and substance use literacy for multilingual and multicultural audiences. LINC (Language Instruction for Newcomers to Canada) is a free language training program funded by the federal government for eligible adult learners. This project seeks to support intermediaries like settlement workers and English as an Additional Language (EAL) instructors who work directly with immigrants and refugees to support individuals (and intermediaries) seeking to build skills to approach real-world situations and conversations involving mental health and substance use.

In 2019-20 our contributions included:

- Developing 4 new LINC lessons addressing substance use literacy
- Supporting the community-based networks of ESL teachers and educators in delivering mental health and substance use content teleconferences and webinars

- **Opioid Dialogues**

Investigators: Reist, D., Pankratz, N., Dyck, T., & Jenei, K.

Funding body: Ministry of Public Safety and Solicitor General

Duration of support: 2016-2020

Opioid Dialogue is a part of the provincial strategy to address the ongoing opioid crisis. Using dialogue to address the opioid crisis means far more than simply talking about drugs. After all, addiction is not simply about drugs but results from a breakdown in the fabric or connectedness of human community. Real dialogue can help us understand each other and build social relationships that support individual needs, preferences and autonomy. The breakdown of this integration of the community and all its members is at the root of addiction. Dialogue is an important tool in re-building this integration.

Recent efforts have involved actively working with community groups to develop understanding of dialogue and the capacity to facilitate dialogue in their communities. Resources are available from the [project webpage](#) on the CISUR site.

- **Visions: BC's Mental Health and Addictions Journal**

Investigators: Reist, D., Norman, T., & Nicolussi, G.

Funding bodies: Provincial Health Services Authority, BC Ministry of Health

This is an ongoing BC Partners project. Visions is a quarterly magazine that brings together many views on mental health and substance use. The journal is written by and for people who have experienced mental health or substance use problems or used mental health or addictions services, along with service providers, family and friends, community advocates, and leaders and decision-makers.

In 2019-20 our contributions included:

- Participation in editorial advisory group
- Providing one staff-written article for the journal:
How the words we use shape our experience and understanding of substance use



- **Dialogues on Vaping in Schools**

Investigators: Reist, D., Asgari, M., & Jenei, K.

Funding body: Fraser Health

Duration of support: 2019

In response to increased concern about student vaping and questions related to effective policy, Fraser Health partnered with the CISUR to support dialogue in three school districts (Chilliwack, Maple Ridge, Delta). The project provided tools, training and support to increase the capacity of school and Fraser Health staff to facilitate dialogic activities. The CISUR team conducted training workshops for staff, administration, and school-connected public health nurses in each participating school district. The workshops provided an orientation to dialogue and engaged the participants in both theory and practice of different aspects of dialogue (e.g. principles of dialogue, common tools for dialogue, asking good questions). In addition, the team modeled dialogue sessions on vaping with students in the schools where requested in order to help teachers with their future use of dialogue. In total, the dialogue sessions involved an estimated 370 participants, including students, school and Fraser Health staff.

Overall, the project planted the seeds for thinking about vaping (and other substance use) in a phenomenological way and provided the tools for the school districts and communities to move forward to do more dialogues.

Key Result Area 5: Knowledge Mobilization

Funding bodies: BC Ministry of Health, BC Ministry of Finance, Provincial Health Services Authority

Duration of support: 2015-2020

Helping Schools is an ongoing project aimed at assessing evidence, identifying promising practices, developing resources to support effective responses to substance use and gambling, and providing consultation and support to educators and their partners—parents, health professionals and others in the school community. These activities support comprehensive school health, an ecological approach that does not focus simply on “fixing” students but aims to change the school environment and actively engage students in the learning process. Rather than relying solely on a drug/gambling education program to teach children how to make healthy choices, the whole-school approach encourages the school itself—its structures, policies, procedures, staff and partners—to operate in a healthy way and thereby both model and promote health.

In 2019-20 our activities included:

- Continued focus on ways to support teachers and schools including collaborating with the BC Teachers' Federation to ensure iMinds lessons are listed on their [Teach BC website](#)
- Providing consultation and support to teachers and other school professionals and to school districts and their partners throughout BC, including delivering 3 professional development workshops and 3 community engagement workshop
- Development of three [new cannabis-related iMinds learning resources](#) to accompany release of *Blunt Talk II* report
- Development of 20 new gambling-related iMinds lessons

For a lists of publications, see [Helping Schools](#) and [iMinds](#).



Memberships

Benoit, C.	<ul style="list-style-type: none"> • Fellow, Royal Society of Canada • Canadian Society for the Sociology of Health • International Sociological Association • International Institute of Sociology • American Sociological Association • Canadian Sociology Association • Canadian Public Health Association • The Society for the Scientific Study of Sexuality • Canadian Sex Research Forum • Chair, External Academic Awards and Honours Committee, University of Victoria, Victoria, BC • Member, College of Reviewers, CIHR, Ottawa, Ontario • Panel Member of Review Panel Two (Health Services and Population Health), Michael Smith Foundation for Health Research, Vancouver, BC • Member, Canadian Academy of Health Sciences Victoria Chapter, University of Victoria, Victoria, BC • Member, External Academic Awards and Honours Committee, University of Victoria, Victoria, BC • Board director, Youth Clinic Society Board Victoria, BC • Member, Canadian Health Human Resources Network, University of Ottawa, Ottawa, Ontario, Canada • Advisory board member, Canadian Society for the Sociology of Health, Ottawa, Ontario, Canada
Brubacher, J.	<ul style="list-style-type: none"> • Chair, British Columbia Road Safety Strategy, Research and Data Committee • Doctors of British Columbia, Emergency Medical Services Committee
Callaghan, R.	<ul style="list-style-type: none"> • University of Northern BC Associate Research Ethics Board member • University of Northern BC Branch Regional Data Centre Steering Committee Member
Dyck, T.	<ul style="list-style-type: none"> • Healthy Minds Healthy Campuses Lead Team
Leadbeater, B.	<ul style="list-style-type: none"> • Canadian Psychological Association • Society for Research in Child Development. • Society for Research on Adolescence. Chair, Social Policy Awards Committee
MacDonald, M.	<ul style="list-style-type: none"> • Member, Public Health Association of BC • Member, Community Health Nurses Association of Canada • Canadian Public Health Association • Member, Community Health Nurses Association of B.C.
Macdonald, S.	<ul style="list-style-type: none"> • Kettil Bruun Society for Social and Epidemiologic Research on Alcohol
Pauly, B.	<ul style="list-style-type: none"> • Member, Canadian Association of Schools of Nursing Research and Scholarship Committee • Member, Harm Reduction Nursing Association • National Advisory Board Member, Canadian Homelessness Research Network • Member, International Harm Reduction Association • Founding Editorial Board Member, Witness Journal • Registered Nurse, College of Registered Nurses of B.C.

Reist, D.	<ul style="list-style-type: none"> • BC Partners for Mental Health and Addictions Information • Mandatory Display Provincial Advisory Committee, Ministry of Finance
Sherk, A.	<ul style="list-style-type: none"> • Member, Kettil Bruun Society for Social and Epidemiological Research on Alcohol
Slaunwhite, A.	<ul style="list-style-type: none"> • Academic Advisory Board, Child and Youth Advocate of New Brunswick
Stockwell, T.	<ul style="list-style-type: none"> • Fellow, Royal Society of Canada • Affiliate of the BC Centre on Substance Use and the BC Node of the Canadian Research Initiative in Substance Misuse (CRISM) • Research Leaders Forum, Michael Smith Foundation for Health Research • Advisory Council Member, Centre for Gambling Research at UBC • MESAS (Monitoring and Evaluation of Scotland's Alcohol Strategy) Governance Board • Fellow, Canadian Academy of Health Sciences • Affiliate Investigator at VCH (Vancouver Coastal Health Research Institute) • Member, WHO Technical Advisory Group on Alcohol and Drug Epidemiology • Member, National Drug Surveillance Advisory Committee, Health Canada • Research Scientist (Affiliate Status), Social Factors and Prevention Interventions Section at Centre for Addiction and Mental Health, Ontario. • Member of the Advisory Board, Alcohol Research Group, National Alcohol Research Centre, Berkeley, CA • Adjunct Professor, Curtin University, National Drug Research Institute, Perth, Western Australia • Member, Kettil Bruun Society for Social and Epidemiological Research on Alcohol • Member, Australian Professional Society on Alcohol and Other Drugs (APSAD) • Member, UK Society for the Study of Addiction
Urbanoski, K.	<ul style="list-style-type: none"> • Member, Primary and Community Care Research Advisory Committee, BC Ministry of Health • Member, Evaluation and Implementation Working Group, Provincial Perinatal Substance Use Project, BC Ministry of Health/Ministry of Mental Health and Addictions • Member, Advisory Committee, Mental Health and Substance Use Provincial Peer Training Curriculum Project, BC Government/BC Campus • Member, Core Group, Mental Health and Addictions Research Agenda. BC Ministry of Mental Health and Addictions • Member, Policy Supports and Education in the Construction Industry Steering Committee (PSECI), British Columbia Centre on Substance Use • Affiliate Member, Women's Health Research Institute, BC Women's Hospital and Health Centre, University of British Columbia • Member, Primary and Community Care Research Advisory Committee, BC Ministry of Health • Member, Drug Overdose Alert Partnership, BC Centre for Disease Control • Member, Overdose Surveillance Technical Working Group, BC Centre for Disease Control • Member, Canadian Association of Health Services and Policy Research • Co-Chair, National Treatment Indicators Working Group, Canadian Centre on Substance Use and Addiction
Wallace, B.	<ul style="list-style-type: none"> • Registered (RSW), British Columbia College of Social Workers • Member, Canadian Public Health Association/Public Health Association of BC • Member, Canadian Association of Public Health Dentistry (CAPHD)
Zhao, J.	<ul style="list-style-type: none"> • Kettil Bruun Society for Social and Epidemiological Research on Alcohol

Table 5. Performance Indicators for Key Result Area 5: Knowledge Mobilization

	OBJECTIVES	PERFORMANCE INDICATORS
5.1	To ensure access to relevant knowledge while working in partnership with policy-makers and practitioners in planning and implementing projects to address substance use in Canada and internationally	<ul style="list-style-type: none"> • Number of projects in which CISUR members collaborate with policy makers or practitioners • Number of policy proposals contributed to by CISUR members each year • Number of provincial or national committees, advisory boards, communities of practice or other such bodies on which CISUR members are active <p>Benchmark: 20 / 5 / 25 2019/2020: 26 / 24 / 72</p>
5.2	To develop and promote resources with the potential to make direct contributions to policies, programs or service delivery systems in Canada and internationally	<ul style="list-style-type: none"> • Number of resources completed in any one year <p>Benchmark: 30 2019/2020: 36</p>
5.3	To provide broad access to balanced factual information on substance use and related harms and health promotion approaches through a variety of knowledge exchange strategies	<ul style="list-style-type: none"> • Number of visits to CISUR websites each year • Number of presentations/workshops/displays each year • Number of media interviews or citations resulting from CISUR activities each year <p>Benchmarks: 30,000 / 15 / 150 2019/2020: 34,416 / 22 / 1,631</p>

CHIEF MEDICAL OFFICER
OF HEALTH ADVISES
MISE EN GARDE DU MÉDECIN
HYGIÉNISTE EN CHEF

**Alcohol can
cause cancer**

including breast and
colon cancers

**L'alcool peut
causer le cancer**

y compris le cancer du
sein et du côlon

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HELP/AIDE: 1-855-667-5777



**University
of Victoria**

Canadian Institute for
Substance Use Research

Health and Wellness Building (formerly TEF)
University of Victoria, Victoria, BC
Phone: 250.472.5445
Email: cisur@uvic.ca

www.cisur.ca



[uvic_cisur](#)



[uvic.cisur](#)

