



**University
of Victoria**

Canadian Institute for
Substance Use Research

ANNUAL REPORT

04/01/18 - 03/31/2019

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.



University
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CONTENTS

| | |
|---|----|
| Message from the Chair | 1 |
| Message from the Director | 2 |
| Our People and Partners | 3 |
| KEY RESULTS AREA 1: Building Capacity | 17 |
| KEY RESULTS AREA 2: Engaging Academic Expertise | 21 |
| KEY RESULTS AREA 3: Implementing Quality Research | 25 |
| KEY RESULTS AREA 4: Dissemination | 37 |
| KEY RESULTS AREA 5: Knowledge Mobilization | 57 |

Message from the Advisory Board Chair

The year 2018-2019 has been another exceptional period of engaging academic expertise, implementing quality research, and mobilizing knowledge that increases protection, promotes health and reduces harm across the life course.

I am delighted to highlight the growth in our research capacity with currently 12 PhD qualified scientists and our most successful year ever in attracting research funding with a total of \$5.54 million. This allows CISUR to increase capacity and enhance expertise in substance use and health research. Congratulations to all our staff in Victoria and Vancouver, collaborating scientists and research affiliates, and graduate students.



Among the many recently successful funding applications to funding competitions detailed in this annual report, I would like to mention a few on highly topical subjects. One is Bernie Pauly's leadership of a CIHR Catalyst grant to examine the potential benefits of cannabis substitution for people with alcohol use disorders. Another is Karen Urbanoski and Bernie Pauly's Health Canada supported Substance Use Observatory BC over the next five years.

Publishing findings and disseminating widely to have a high impact are key result areas at which CISUR excels. It is additionally gratifying, when this outstanding work is recognized and commended. I am pleased to acknowledge and Cecilia Benoit's prestigious Pierre Trudeau Fellowship and Tim Stockwell's induction as a Fellow of the Royal Society of Canada.

In keeping with our now recognized status as a Canadian research institution, this year saw the successful completion of national and international projects. We have had productive and active international collaborations in Scotland, Australia, Finland, Sweden and South Africa. We have also been engaged in World Health Organization activities and meetings.

CISUR faculty have contributed to the supervision of 27 graduate student theses and dissertation projects canvassing a range of topics such as the harm reduction potential of E cigarettes, young people's use of magic mushrooms, harm reduction for unstably housed people with alcohol use disorders and sophisticated modelling of the public health impacts of potential new alcohol policies in Québec.

Once again, I wish to express gratitude to members of the Advisory Board for their support of the Institute, contributing their time and ideas and their commitment to substance use research and to knowledge dissemination. Thank you.

Michael J. Prince, PhD

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

Message from the Director

The 2018/2019 fiscal year has seen CISUR begin a time of transition while also maintaining high levels of productivity and positive engagement on a number of fronts. I am delighted that we have been able to welcome two new UVic faculty as Scientists in residence, Dr. Bruce Wallace (Social Work) and, more recently, Dr. Marilou Gagnon (Nursing). They bring fresh new ideas and energy as well as cutting-edge and exciting research programs. We have seen Dr. Scott Macdonald, our beloved Assistant Director (Research) for 13 years, step down from that role and begin his phased in retirement. Not that he has left CISUR! He recently published a fantastic new book (“Cannabis Crashes”), is planning another and still leads a SSHRC-funded project on police discretion regarding substance use in BC. We also lost the services of Emma Carter, our long serving administrator. We all wish her the very best for her in her retirement and are grateful for all the support she provided us.



Looking back over the year, one major observation is that our being allowed to identify ourselves as a national research institute as opposed to a BC based research centre has already yielded major dividends. We have been experiencing unprecedented interest in some of our major national studies, more invitations from media, government and research organisations both nationally and internationally. Our research funding reached the highest mark for any fiscal year in our history. We have had fruitful national partnerships on such projects as the economic costs of substance use in Canada with the Canadian Centre on Substance Use and Addictions. We have had engagement with literally hundreds of policymakers and advisers during the dissemination of the Canadian Alcohol Policy Evaluation project with our major partner at the Centre for Addiction and Mental Health in Toronto and other partners in jurisdictions across Canada.

I would like to thank especially our wonderful staff for contributing their exceptional talents in so many areas, their enthusiasm and collegiality.

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

OUR PEOPLE AND PARTNERS

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)

Dr. Mikael Jansson
Scientist (Sociology)



Mikael Jansson



Marjorie MacDonald

Dr. Marjorie MacDonald
Scientist (Nursing)

Dr. Scott Macdonald
Scientist (Health Information Science)



Scott Macdonald



Bernie Pauly

Dr. Bernie Pauly
Scientist (Nursing)

Dr. Bruce Wallace
Scientist (Social Work)



Bruce Wallace



Karen Urbanoski

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

Dr. Jinhui Zhao
Scientist



Jinhui Zhao



Gordon Barnes

Scientist Emeritus

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

Staff (Victoria)

Katrina Barber
Research Assistant

Cedar Bowers
Transcriptionist

Meaghan Brown
Research Assistant

Emma Carter
Administrator

Sam Churchill
Research Assistant

John Dorocicz
IT Support and Programming

Amanda Farrell-Low
Communications Officer/
Assistant to the Director

Priscilla Healey
Research Assistant

Dakota Inglis
Research Associate

Bonnie Krysowaty
Research Assistant

Celeste Macevicius
Research Assistant

Renay Maurice
Research Assistant

Flora Pagan
Research Assistant

Kylie Ransome
Research Assistant



Katrina Barber



Meaghan Brown



Emma Carter



Sam Churchill



Amanda Farrell-Low



Priscilla Healey



Dakota Inglis



Bonnie Krysowaty



Renay Maurice



Flora Pagan

Staff (Victoria), cont'd

Lindsay Shaw
Research Assistant



Lindsay Shaw

Adam Sherk
Research Associate



Adam Sherk

Justin Sorge
Research Associate



Justin Sorge

Heather Stroscher
Research Coordinator



Heather Stroscher

Michaela Smith
Research Assistant



Michaela Smith

Kara Taylor
Research Associate



Jen Theil

Jen Theil
Assistant to the Director

Joanne Thompson
Research Assistant



Joanne Thompson

Karlyn Underdahl
Research Assistant



Kate Vallance

Kate Vallance
Research Associate



Thea van Roode

Thea van Roode
Research Coordinator



Jonathan Woods

Jonathan Woods
Research Assistant

Staff (Vancouver)

Cindy Andrew
Program Consultant, Helping
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Dr. Mahboubeh Asgari
Research Associate

Nicole Bodner
Research Assistant

Dr. Tim Dyck
Research Associate

Kristina Jenei
Research Assistant

Gaëlle Nicolussi Rossi
Research Associate

Dr. Trudy Norman
Research Associate

Jamie Pozer
Research Associate

Catriona Remocker
Research Associate

Cathy Spence
Assistant to Dan Reist



Cindy Andrew



Mahboubeh Asgari



Nicole Bodner



Tim Dyck



Kristina Jenei



Gaëlle Nicolussi Rossi



Trudy Norman



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)



Kiffer Card



Marion Selfridge



Sana Shahram

Advisory Board

Brenda Butterworth-Carr
Deputy Commissioner, RCMP
Division E

Dr. Bonnie Henry
Provincial Health Officer, BC
Ministry of Health

Dr. Lisa Kalynchuk
Associate 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



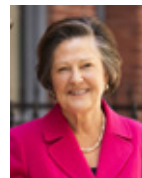
William Kerr



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

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Dr. Bonnie Leadbeater

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Psychology, University of Victoria

Dr. Lenora Marcellus

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Nursing, University of Victoria

Dr. Timothy Naimi

Professor, Boston University Schools
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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



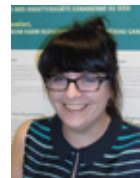
Bonnie Leadbeater



Lenora Marcellus



Tim Naimi



Amanda Slaunwhite



Gerald Thomas

Research Affiliates

Dr. Lynne Belle-Isle

Project Consultant, Canadian AIDS Society

Clifton Chow

Research Coordinator, Youth Addictions, Vancouver Coastal Health Authority

Alissa Greer

Research Coordinator, BC Centre for Disease Control

Dr. Marvin Krank

Professor, Psychology, University of British Columbia, Okanagan

Samantha Magnus

Health Information Analyst, Methodologies and Cross Sector Analysis, BC Ministry of Health

Dr. Megan McLarnon

Assistant Professor of Clinical Practice and Director of Clinical Training, Department of Psychology, Simon Fraser University

Dr. Ingrid Pacey

Psychiatrist, Vancouver, BC

Dr. Rachel Phillips

Executive Director, PEERS Victoria Resources Society



Lynne Belle-Isle



Clifton Chow



Alissa Greer



Marvin Krank



Samantha Magnus



Megan McLarnon



Ingrid Pacey



Rachel Phillips

Research Affiliates cont'd

Dr. Diane Rothon

Physician



Diane Rothon



Deborah Rutman

Dr. Deborah Rutman

Adjunct Associate Professor, Faculty of Human and Social Development, University of Victoria



Kara Thompson



Mikhail Torban

Dr. Kara Thompson

Assistant Professor, Department of Psychology, St Francis Xavier University



Zach Walsh



Ashley Wettlaufer

Dr. Mikhail Torban

Researcher, BC Ministry for Mental Health and Addictions

Dr. Zach Walsh

Assistant Professor, Psychology, Co-Director, Centre for the Advancement of Psychological Science and Law, University of British Columbia



Erica Woodin

Ashley Wettlaufer

Research Coordinator, Centre for Addiction and Mental Health, Ontario

Dr. Erica Woodin

Associate Professor, Department of Psychology, University of Victoria

Graduate Students

Stephanie Arlt

Social Dimensions of Health Program
(MA), UVic



Stephanie Arlt



Katrina Barber

Katrina Barber

Social Dimensions of Health Program
(MA), UVic

Meaghan Brown

School of Nursing (PhD), UVic



Meaghan Brown



Phuc Dang

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School of Health Information Science
(MSc), UVic

Phuc Dang

Social Dimensions of Health Program
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Daniel Gudiño



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Heather McArel

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Lacey Mesley

Emily Nicol

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Valerie Nicol

Valerie Nicol

Social Dimensions of Health Program (MA), UVic



Renee O'Leary

Renee O'Leary

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Audra Roemer

Audra Roemer

Department of Psychology (PhD), UVic



Marion Selfridge

Marion Selfridge

Social Dimensions of Health Program (PhD), UVic



Lindsay Shaw

Lindsay Shaw

Department of Anthropology (MA), UVic



Adam Sherk

Adam Sherk

Social Dimensions of Health Program (PhD), UVic



Ginger Sullivan

Ginger Sullivan

School of Nursing (PhD), UVic



Roísín Unsworth

Roísín Unsworth

Department of Sociology (PhD), UVic

Undergraduate Student

Brett Koenig

Department of Sociology, UVic

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





The CISUR team at *Axe & Grind* taking part in a fundraiser for Peers Victoria's HeroWork radical renovation.

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
- AIDS Vancouver Island
- 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
- 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

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)
- PACE Society
- 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:

- AB, Shift | HIV Community Link
- 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, Butterfly (Asian and Migrant Sex Workers Support Network)
- 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, SWANS Sex Workers Advisory Network of Sudbury
- ON, Toronto Public Health
- ON, Wesley Urban Ministries, Hamilton
- NL, Safe Harbour Outreach Project (SHOP), St. John's Status of Women Council
- 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
- QC, Stella
- YK, Yukon Liquor Corporation



CISUR Scientist Karen Urbanoski partnered with collaborators from various agencies and institutions across Ontario to explore models of service delivery for pregnant and parenting women with problematic substance use in that province (Photo: Ryerson University).

"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

We have had a successful and productive year which has seen 15 successful funding applications, \$5.5 million of funds, expansion of our office accommodation in Victoria and the development of two Internet-based resources to make data on patterns of substance use and related harms more available to Canadians.

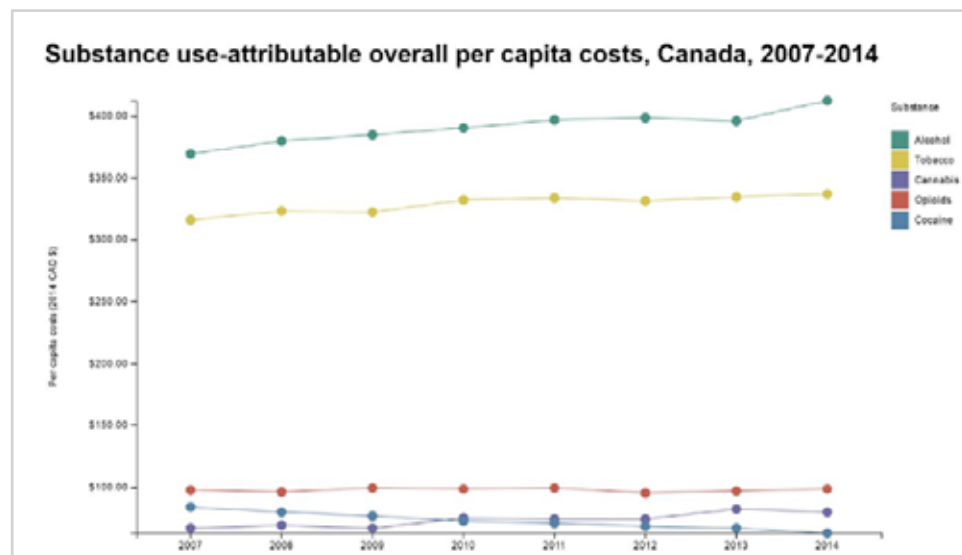
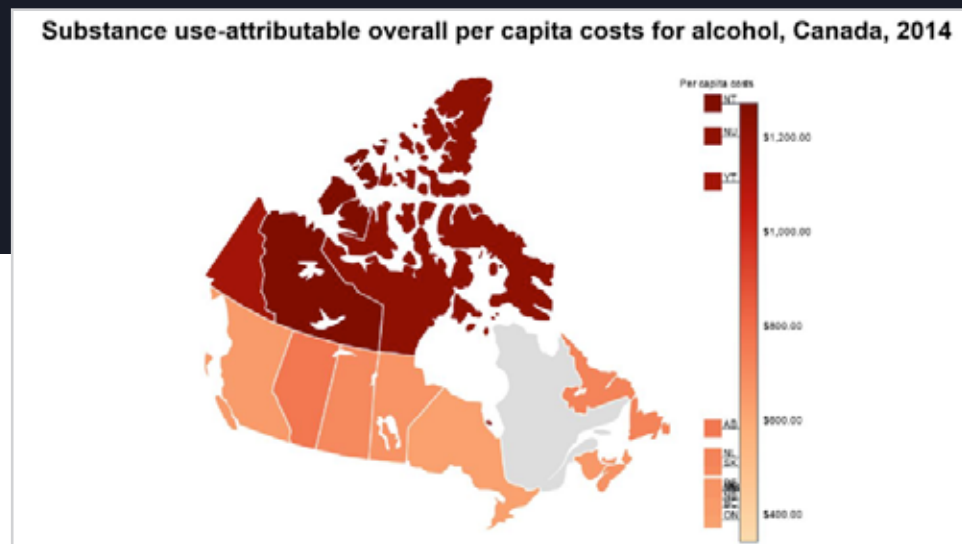
Successful applications to funding competitions

- ***Developing an interactive data visualization dashboard and data analysis request portal for improving community health among gay, bisexual, and other men who have sex with men in British Columbia***, Canadian Institutes of Health Research, Planning and Dissemination Grant, \$20,000 from 2019 to 2020.
- ***Beyond the 'missing women inquiry': Empowering sex workers as social justice advocates***, Pierre Elliott Trudeau Foundation, \$225,000, from 2018 to 2021.
- ***Assessing the impacts of the minimum legal cannabis age laws on traffic-related injuries among young people in Canada***, Canadian Institutes of Health Research Catalyst Grant: Cannabis Research in Urgent Priority Areas, \$124,900 from 2018 to 2019.
- ***Feasibility check: Expansion of drug checking to reach people who use alone and reduce overdose in private residences***, Michael Smith Foundation for Health Research, Pathway to Patient-Oriented Research (P2P) Award, \$20,000 from 2019 to 2020.
- ***Implementing innovations in drug checking: A harm reduction pilot in response to illicit drug overdose***, Health Canada's Substance Use and Addictions Program, \$1,700,000 from 2018 to 2020.
- ***P2P: Peer 2 peer support***, Health Canada Substance Use and Addictions Program, \$292,676 from 2018 to 2020.
- ***Engaged research on implementations in response to overdose***, Vancouver Foundation, \$70,000 from 2018 to 2019.
- ***Toward an equity-oriented framework to inform responses to opioid overdoses (EOF): A scoping review***, Canadian Institutes of Health Research Synthesis Grant, \$60,000 in 2018.

Featured Project: CSUCH data visualization tool

In last year's annual report, we shared early results from the Canadian Substance Use Costs and Harms (CSUCH) report, which CISUR produced in collaboration with Ottawa's Canadian Centre on Substance Use and Addiction (CCSA). The rest of 2018/19 saw the release of not just our full report on the costs and harms of substance use in Canada between 2007 and 2014, but also summaries for each province and territory, and a new tool that allows users to explore these data in several different formats, including maps, bar charts and time series. People can sort the data by substance, year, cost type or by province and territory, they can add age, sex and health condition parameters, and output the data in charts, graphs or as data tables.

Visit csuch.ca/explore-the-data to learn more about the tool.



Commissioned contracts won and other grants

- *Dialogue on vaping in schools*, Fraser Health, \$30,000 for 2019.
- *The BC alcohol and other drug monitoring project: Provincial update*, BC Ministry of Health, \$45,000 from 2018 to 2019.
- *Stakeholder evaluation of impacts of a national alcohol policy implementation review across all provinces and territories*, Public Health Agency of Canada, \$25,000 from 2018 to 2019.
- *Modeling the impact of potential federal alcohol policy changes on health and revenue*, Public Health Agency of Canada, \$25,000 from 2018 to 2019.
- *Updating estimates of the economic costs of substance use in Canada*, Canadian Centre on Substance Use and Addictions, 2018/19, \$113,862 from 2018 to 2019.
- *A review of the evidence for the effectiveness of alcohol warning labels*, Health Canada, \$9,523 from 2018 to 2019.
- *Opioid use disorder treatment for youth: Knowledge summary*, Canadian Centre on Substance Use and Addictions, 2018/19, \$14,361 from 2018 to 2019.

Total Income for 2018/2019

Total research income available for expenditure on CISUR research and knowledge exchange projects in the year 2018/19 was \$5.54m, the highest we have ever recorded. Slightly more funding was obtained for research (\$2.54 million) than for knowledge exchange grants or contracts (\$2.03 million). About 41% of research funding (\$1.03 million) was obtained from peer-reviewed competitions, the rest from miscellaneous grants and contracts primarily from federal and provincial government agencies (\$1.51 million).

CISUR 2018/19 Revenue and Carry Forward Summary

■ Research Grant Competitions
\$1,031,810

■ Other Research Grants and Contracts
\$1,507,124

■ Knowledge Exchange Grants and Contracts
\$2,033,183

■ Endowment
\$532,400

■ Overhead
\$434,060

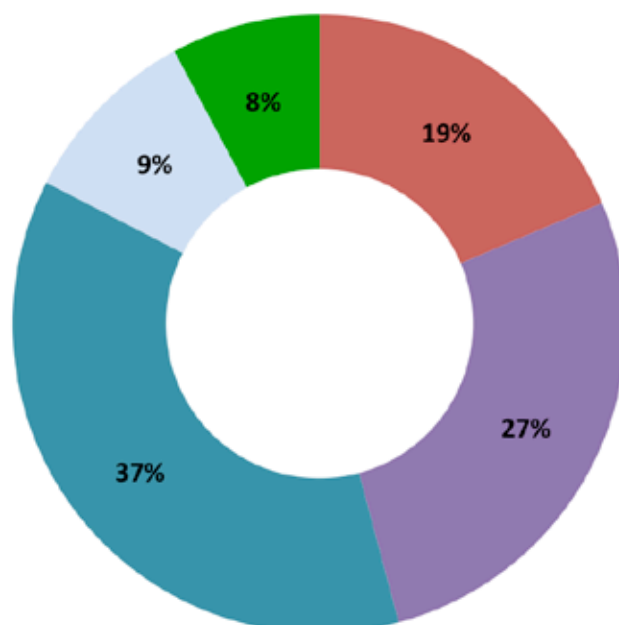


Table 1. Performance Indicators for Key Result Area 1: Building Capacity

| | 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 2018/2019: (a) \$1,031,810 (b) \$1,507,124</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 2018/2019: (a) \$408,009 (b) \$1,625,174</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 2018/2019: 22</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 2018/2019: (a) 19 (b) 4</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

We have continued to engage faculty and students from multiple disciplines. We have welcomed new scientists to CISUR (see facing page), helped supervise 26 graduate students in their masters and doctoral studies and had a successful search for the next director.



Photo: CISUR Scientist Cecilia Benoit (left) was one of four 2018 recipients of a prestigious Pierre Elliott Trudeau Foundation fellowship

Honours and Awards

- | | |
|---------------------------|---|
| Cecilia Benoit | <ul style="list-style-type: none">• 2018 Pierre Elliot Trudeau Foundation Fellowship and Excellence in Research and Public Engagement Prize. |
| Tim Stockwell | <ul style="list-style-type: none">• 2018 Fellow, Royal Society of Canada. |
| Marjorie MacDonald | <ul style="list-style-type: none">• The Marjorie A. MacDonald Scholarship, an annual award created in Dr. MacDonald's honour by the Public Health Association of BC for a Public Health Graduate Student. |



Photo: UVic Photo Services

CISUR welcomes new scientists

The next few years will be times of transition here at CISUR, and we are excited to welcome two new scientists to our roster. Dr. Bruce Wallace (above) is an associate professor with UVic's School of Social Work whose research focuses on substance use and harm reduction, poverty and homelessness and access to health care, including dental care. He is an engaged scholar with many years of community-based research in Victoria employing health equity and social justice approaches to his projects. He has been a long-time collaborator here at CISUR and we are happy to have him join us as a scientist.

Dr. Marilou Gagnon (at left) is an associate professor with the UVic School of Nursing. Her program of research seeks to address gaps in knowledge that have the potential to inform public debate and policies, while also advancing the rights and the health of marginalized communities. We look forward to her officially joining CISUR in Summer 2019.



Photo: Marilou Gagnon / Instagram



Focus On: CISUR director Tim Stockwell

Tim Stockwell is a knowledge translator and advocate for strong public health policies to prevent illness, injuries and death from alcohol and drug misuse. He has made key contributions that have shaped substance use policies in several countries, including Canada, Scotland, Ireland and Australia.

"It is very gratifying to see that some of the ideas arising from my work and that of my close colleagues are being used in Canada and other countries to reduce substance use," says Stockwell, director of the Canadian Institute for Substance Abuse Research (CISUR) and professor of psychology.

Stockwell has pioneered the use of more accurate measures of alcohol consumption and related harms and currently he is working with governments in Canada and overseas to estimate the impact of alternative alcohol policies on health and safety.

His in-depth analyses of alcohol policies such as, pricing, privatizing liquor monopolies,

managed alcohol programs and reforming excise taxes inform public policy have had a significant effect on social and health outcomes.

"I'm both delighted and surprised to be honoured with this award; it gives me some satisfaction that my work has contributed to a continuing process that should result in saving lives and preventing injury and illness," says Stockwell.

As director of CISUR for 15 years, Stockwell continues to engage in ground-breaking research related to the impact of substance use on health and safety. Currently he is co-leading a team that is developing a web-based data visualization tool to provide the best estimates of the economic costs of substance use attributable deaths, hospitalizations and crimes in Canada. He also plans to continue his interest in analysis of the scientific evidence contributing to the idea that alcohol use in moderation is good for health. [UVic News]

CISUR Director Tim Stockwell (right) was one of three University of Victoria faculty members to be named fellows of the Royal Society of Canada in 2018, the country's highest academic honour. The peer-elected fellows are chosen for making "remarkable contributions" in the arts, humanities and sciences, and Canadian public life. (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 affiliates within CISUR, and (b) postdoctoral fellows with CISUR each year</p> <p>Benchmarks: (a) 12 (b) 3 2018/2019: (a) 16 (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 2018/2019: 26</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 2018/2019: 15</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 2018/2019: (a) 7 (b) 17</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

We list below the series of mostly externally funded projects under different topic headings reflecting our strategic research priorities. We have particular strengths in the area of policy evaluation and also epidemiological and surveillance topics. One notable contribution in the latter area was the development of updated estimates of the economic costs of substance use broken down by eight types of psychoactive substance, including alcohol, tobacco, cannabis, opioids, other CNS depressants, cocaine and other CNS stimulants. Breakdowns of contributing harms and costs by jurisdiction, type of substance and sociodemographic grouping can be found on the project website csuch.ca. We are increasingly focusing on topics related to cannabis and its legalisation but retain a strong focus on the more widely used legal drugs, especially alcohol. Bruce Wallace’s pioneering work on drug checking with a focus on detecting the presence of fentanyl in street drug samples holds great promise of making practical contribution towards reducing the terrible toll of the opioid crisis (photo below).



Photo: Mike Morash / UVic

SUBSTANCE USE PATTERNS AND 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

- Developing an internet based resource for reporting alcohol attributable harm in Australia

Investigators: Stockwell, T., Sherk, A., Chikritzhs, T., & Dorocicz, J.

Funding body: National Drug Research Institute

Duration of support: 2016-2018

- BC alcohol and other drug (AOD) monitoring project

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. (PIs), Macdonald, S., Sherk, A., Wallingford, S., Sorge, J., Kent, P., Dorocicz, J., Fairbank, J., & Zhao, J. (co-Is)

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

Duration of support: 2016-2018

- Canadian student tobacco, alcohol and drug survey

Principal 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

Featured Project: Canadian Alcohol Policy Evaluation

by Amanda Farrell-Low

Canada's federal, provincial and territorial governments could be doing a much better job at implementing policies that reduce alcohol-related harms, according to CISUR's Canadian Alcohol Policy Evaluation (CAPE) project.

Led by researchers at CISUR and Toronto's Centre for Addictions and Mental Health (CAMH), the CAPE team looked at 11 different types of alcohol policy including physical availability, pricing and taxation, and health and safety messaging. They then developed gold standard best practices based on extensive international research, then compared these best practices against what Canada's provincial, territorial and federal governments had in place as of 2017. Researchers found that Canadian provinces and territories collectively achieved less than half (44 per cent) of their potential to reduce alcohol-related harm.

When scored against the best current practices observed in Canada in 2017, the two jurisdictions with the highest scores were Ontario (C) and BC (D+). However, the assessments were done before Ontario introduced new deregulatory changes to alcohol policy, including the infamous "buck-a-beer" program.

"Alcohol has surpassed tobacco in terms of being the most costly drug in Canada when it comes to harms," says CISUR's Tim Stockwell, the reports' primary investigator. "In recent years, we have also seen reductions in the overall effectiveness of alcohol policies in Canada. The two are absolutely linked."

Key recommendations for the provinces and territories include:

- introduce a comprehensive minimum price of \$1.75 per standard drink for liquor store sales and \$3.50 per standard drink for bars and restaurants, indexed annually to the cost of living;
- increase enforcement of impaired driving using civil penalties, especially in the territories;
- introduce independent monitoring of alcohol promotions, including both social and other media;
- introduce Risk Based Licensing Programs to target high risk bars and clubs which generate the most impaired driving and violent incidents; and

- develop comprehensive, well-resourced and evaluated strategies to coordinate the implementation of evidence-based strategies.

But the reports aren't all bad news.

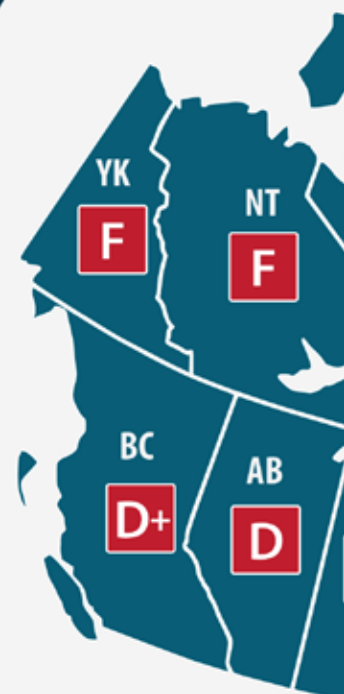
There are many areas where jurisdictions are doing well: Manitoba set alcohol prices according to alcohol content; Saskatchewan and Quebec placed upper limits on the density of alcohol outlets; and BC implemented an impaired-driving roadside suspension program.

"If we were to assemble an overall alcohol policy based on all the best practices currently in place in at least one jurisdiction across the country, it would score 87 per cent, or an A Grade," says Stockwell. "This shows that these recommendations are achievable in Canada today, and these reports offer practical and feasible steps for government and other agencies to get there."

The reports build on a similar exercise CISUR and CAMH undertook in 2013, which evaluated alcohol policies in Canada's provinces as of 2012.

"Both in 2012 and in 2017 the overall scores were below 50 per cent of ideal, and even somewhat lower in 2017," says Norman Geisbrecht, a Scientist Emeritus with CAMH's Institute for Mental Health Policy Research who led the 2013 project and is a co-principal investigator on the current study. "Since 2012, six provinces have

How do the provinces and territories



ies compare to best Canadian current practice?



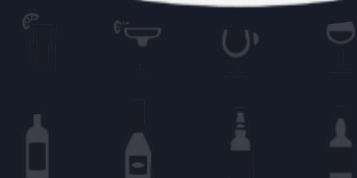
had lower scores, one no change, and three had higher scores. There is much work to do, and jurisdictions can learn from each other, and implement exemplary and effective alcohol policies.”

In the national policy review, researchers concluded that the federal government is exercising just over one third (38 per cent) of its potential to reduce alcohol-related harm through the implementation of effective policy as of mid-2018. Some of the key recommendations for improvement include:

- updating the Canadian Radio-television and Telecommunications Commission advertising code to include digital and social media platforms;
- introducing an excise tax based on alcohol content for all beverage types; and
- requiring mandatory health and safety labeling for alcohol products.

The CAPE team also prepared summary reports for all 13 provinces and territories, and are offering individually tailored webinars to each jurisdiction that is interested in learning more about their results and how they can improve their alcohol policies.

For more details on the project, visit alcoholpolicy.cisur.ca.



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

- Trajectories of marijuana use across a decade: Their predictors in adolescence and impact on health, academic, social, and economic outcomes in young adulthood

Investigator: Fyfe, M., Leadbeater, B. (co-PIs), Brubacher, J., Merrin, G., Stanwick, R., & Thompson, K.

Funding Body: Canadian Institutes of Health Research

Duration of support: 2017-2018



UWic Psychology professor and CISUR Collaborating Scientist Bonnie Leadbeater studies the effects of adolescent cannabis use.

EDUCATIONAL, LEGISLATIVE AND 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

- Evaluation of the public health impacts of Systembolaget, the Swedish government alcohol monopoly

Investigators: Stockwell, T. & Chikritzhs, T. (PIs), Andreasson, S., Angus, C., Holder, H., Holmes, J., Lemar, P., Makela, P., Meier, P., Norstrom, T., Ramstedt, M., & Sherk, A.

Funding body: Systembolaget, Swedish Government.

Duration of support: 2016-2018

- 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: INSPQ, Quebec

Duration of support: 2016-2018

- 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

- Evaluating the Impact of minimum pricing in Saskatchewan on crime and health outcomes

Investigators: Sherk, A., Stockwell, T., Callaghan, R., & Macdonald, S.

Funding body: Internal CISUR funding

Duration of support: 2017-2018

- 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.

Funding body: Public Health Agency of Canada

Duration of support: 2018-2019

- 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., Chaloupka, F., Chikritzhs, T., Holmes, J., Meier, P., Naimi, T., Norstrom, T., Ramstedt, M., Sherk, A., Sempura, 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 the public health and safety impacts of the 2014 BC Liquor Law reforms

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

Funding body: The Office of the BC Provincial Health Officer

Duration of support: 2016 - 2018

- The promotion of alcohol consumption in bars through social media: an assessment of compliance of digital promotions with traditional alcohol advertising regulations in Canada

Investigators: Goatley, S. (Honours student, Psychology), Stockwell, T. (Supervisor), & Paradis, C. (co-I)

Funding body: Canadian Centre on Substance use and Addiction

Duration of support: 2017 - 2018

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

- 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

- 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

- 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

- 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

TREATMENT SYSTEMS AND PROGRAMS

A. CISUR PROJECTS

- Managed alcohol programs: Implementation and effectiveness

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

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

- Preventing and reducing harms of substance use in homeless shelter programs

Investigators: Wallace, B. (PI), McTavish, D. & Pauly, B. (co-I)

Funding body: Vancouver Foundation, Develop Research Grant

Duration of Support: 2015-2016 (publications still in progress)

- 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: January 2019-December 2019

A UVic knowlEDGE piece on CISUR Scientists Tim Stockwell and Bernie Pauly featuring their work on the Canadian Managed Alcohol Program Study (CMAPS).



Tim Stockwell and Bernie Pauly. UVIC PHOTO SERVICES

Managed Alcohol Programs serve an often-overlooked vulnerable population

UVIC
KNOWLEDGE

Research and discovery
at the University of Victoria

VOL 19 NO 1 JAN. 2019

EDGEWISE

Canada's first managed alcohol program (MAP) was established at Toronto's Seaton House in the 1990s after a public inquiry into the freezing deaths of three men who were homeless and whose drinking prevented them from accessing adequate shelter. As with many cities, Toronto did not have shelters or supportive housing that allowed alcohol use onsite.

In a MAP, tailored amounts of beverage alcohol are provided to participants as a way to reduce harms related to alcohol use and replace non-beverage alcohol use. These doses of alcohol are usually dispensed to the participant at regular intervals throughout the day.

Most Canadian MAPs are incorporated into existing programs which include accommodation such as shelters, supportive housing, housing first programs, and long-term or residential care. In recent years, MAPs have also opened in non-residential settings

SOCIAL DETERMINANTS AND CONTEXTS OF SUBSTANCE USE

A. CISUR PROJECTS

- 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

- 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., Jiwan, B., Kwan, A., Lee, V., Makwana, J., Manson, H., Nevdooff, 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

- 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

B. CISUR AFFILIATED PROJECTS

- 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 TRANSLATION 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

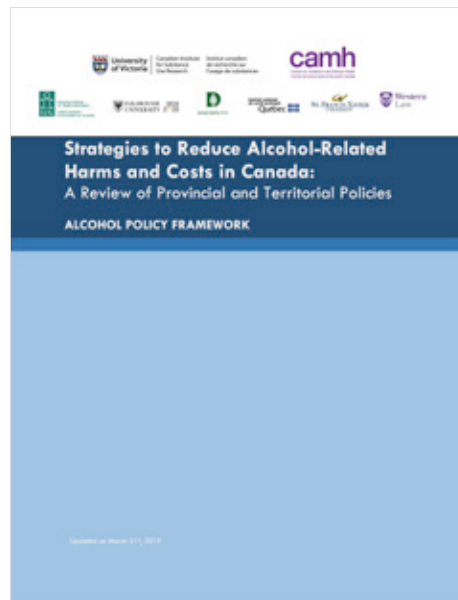


Table 3. Performance Indicators for Key Result Area 3: Implementation of Quality Research

| | OBJECTIVES | PERFORMANCE INDICATORS |
|-----|--|--|
| 3.1 | To conduct research on the patterns, distribution, determinants and consequences of substance use in Canada and internationally | <p>Number of epidemiological projects initiated, ongoing and/or successfully completed each year in this area.</p> <p>Benchmark: 15 2018/2019: 15</p> |
| 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 | <p>Number of CISUR special reports and commissioned reports focused on policy and practice.</p> <p>Benchmark: 5 2018/2019: 7</p> |
| 3.3 | <p>To conduct research in the following other key priority areas:</p> <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 2018/2019: 10 Number of research projects ongoing and completed Benchmark: 5 2018/2019: 6 Number of research projects ongoing and completed Benchmark: 8 2018/2019: 5 Number of research projects ongoing and completed Benchmark: 10 2018/2019: 4 Number of research projects ongoing and completed Benchmark: 5 2018/2019: 2 |
| 3.4 | Develop and maintain significant collaborative projects with other researchers and research centres in North America and in other countries | <p>Number of collaborative projects with other North American researchers and research agencies each year</p> <p>Benchmark: 10 2018/2019: 23</p> |
| 3.5 | Develop collaborative projects with international organizations such as WHO and the International Harm Reduction Association | <p>Number of collaborations with WHO and other international organizations each year</p> <p>Benchmark: 5 2018/2019: 6</p> |

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

Highlights

CISUR continued to be a frequent go-to source for journalists looking for commentary on substance-use trends, particularly regarding alcohol policy and consumption, the overdose crisis, cannabis legalization and housing issues. In 2018/19, CISUR issued several high-profile press releases by engaging with both partner organizations such as Ottawa’s Canadian Centre on Substance Use and Addiction (CCSA) and the Centre for Mental Health and Addiction in Toronto, as well as our home institution at the University of Victoria. Overall, CISUR had 1,465 media mentions in 2018/19, which included newspaper and website articles, television news pieces, podcast features and more.

Our largest media story of the year was the release of the Canadian Substance Use Costs and Harms (CSUCH) project, a national partnership with CCSA. It had considerable media pickup both when the initial national report came out in June, and again when provincial and territorial summaries were issued in November. Other high-profile media stories included Tim Stockwell being interviewed for large features in *Mother Jones*, *Chatelaine* and *Today’s Parent* regarding women and alcohol, Karen Urbanoski and Dan Reist featured in a lengthy piece on secular addiction treatment for CBC, and a Huffington Post feature on how the alcohol industry is funding research into alcohol’s health benefits. Our research even wound up being cited in a Vox.com story about Brett Kavanaugh’s controversial US Supreme Court nomination hearing (the piece talked about minimum pricing being a policy intervention that could mitigate alcohol-related problems).



Media coverage

CISUR top ten media topics, 2018/19

| Topic | # Media Stories |
|--|-----------------|
| Canadian Substance Use Costs and Harms (CSUCH) Project | 575 |
| Alcohol consumption | 273 |
| Canadian Alcohol Policy Evaluation (CAPE) Project | 171 |
| Overdose crisis | 133 |
| Impaired driving | 96 |
| Cannabis legalization | 95 |
| Treatment | 81 |
| Alcohol and cancer | 39 |
| Homelessness/tent cities | 25 |
| Alcohol policy | 24 |

CISUR media coverage by type, 2018/19

| Type | # Media Stories |
|--------------|-----------------|
| News article | 1001 |
| Broadcast | 434 |
| Blog | 14 |
| Column | 13 |
| Opinion | 3 |

This was also the first year CISUR engaged with a media-monitoring service, a pilot project offered through the University of Victoria. This has allowed us to better track and record our media reach and mentions over the 2018/19 fiscal year, and we will continue to subscribe to the service in order to provide better year-to-year continuity in terms of our media presence. The chart below summarises the distribution of media mentions and the estimated total circulation across the 2018/2019 fiscal year.

CISUR general media coverage, 2018/19

| Date Range | # Articles | Circulation |
|-----------------------------|--------------|-------------------|
| Apr 03, 2018 - May 09, 2018 | 39 | 2,690,017 |
| May 10, 2018 - Jun 15, 2018 | 40 | 3,885,242 |
| Jun 16, 2018 - Jul 22, 2018 | 333 | 14,034,656 |
| Jul 23, 2018 - Aug 27, 2018 | 118 | 3,009,327 |
| Aug 28, 2018 - Oct 02, 2018 | 167 | 6,953,840 |
| Oct 03, 2018 - Nov 07, 2018 | 124 | 12,952,818 |
| Nov 08, 2018 - Dec 13, 2018 | 123 | 13,955,374 |
| Dec 14, 2018 - Jan 18, 2019 | 130 | 6,649,140 |
| Jan 19, 2019 - Feb 23, 2019 | 236 | 4,268,365 |
| Feb 24, 2019 - Mar 31, 2019 | 155 | 2,038,469 |
| Total | 1,465 | 70,437,248 |

Social Media

CISUR continues to have a strong cross-platform social-media presence, with 2,461 Twitter followers and 1,777 Facebook likes, representing an increase over last year. Our reach goes well beyond the people who directly follow our accounts. Our Facebook posts reached an average of 566 people per day, and we had an average of 872 impressions per day for 2018/19.

Our most popular Facebook post was announcing the opening of the UVic drug checking project, which reached 5,372 people. Our biggest Tweet was from a talk Bernie Pauly gave at Island Health where she spoke about drug decriminalization as healthy public policy, which was retweeted 69 times and sparked some good conversations both on Twitter and offline.

We also uploaded eight videos of our public lectures and other speaking engagements to our YouTube channel.



Ask and you shall receive: CISUR's top tweet of the year.



CISUR's top Facebook post of the year.

Website and Blog

Our website had over 30,000 unique visitors and over 98,000 pageviews last year. Our iMinds drug and gambling literacy tools continued to be popular pages, as did our Canadian Managed Alcohol Programs Study (CMAPS) website. Cycles, a video resource designed for cannabis education, was also a popular page this year, which is not surprising given cannabis legalization in 2018.

CISUR's Matters of Substance blog hosted six posts in 2018/19, including five on cannabis leading up to legalization. Four were written by CISUR scientist Scott Macdonald on cannabis-impaired driving, one was on hosting dialogues around cannabis use, and another was aimed at trying to educate post-secondary audiences about risks around fentanyl and how to plan ahead if they were thinking of partying.

CISUR's top ten most visited webpages, 2018/19

| Page Name | Pageviews |
|---|-----------|
| CISUR main page | 19,439 |
| iMinds | 5,766 |
| Canadian Managed Alcohol Programs Study | 4,766 |
| Publications | 3,574 |
| About | 3,368 |
| Cycles | 2,810 |
| Helping Schools | 2,789 |
| Projects | 2,678 |
| Sex Work Statistics | 2,590 |
| BC Crime Statistics | 2,273 |

CISUR's top ten most downloaded files, 2018/19

| File Name | Downloads |
|--|-----------|
| Helping Schools Drug Literacy Curriculum | 562 |
| Cycles: Facilitator's Guide | 497 |
| Helping Schools: Drug Education as Health Promotion | 376 |
| Let's Talk Dialogue: Community Conversations about Drugs | 335 |
| Overview of Managed Alcohol Program (MAP) sites in Canada | 331 |
| Opioid Dialogues: Phase 2 call | 276 |
| iMinds: A Health Literacy Resource | 276 |
| What are the public health and safety benefits of the Swedish government alcohol monopoly? | 260 |
| Infographic: The Public Health Benefits of Alcohol Regulation: The Case of Sweden | 255 |
| Patients Helping Patients Understand Opioid Substitution Treatment | 229 |



Featured Publication: Made in BC blueprint for overdose prevention

When the BC government began opening overdose prevention sites (OPS) across the province two years ago, it was an unprecedented response to the overdose crisis. Unlike supervised consumption sites (SCS), which were subject to lengthy (and often onerous) approval processes, OPSs were rolled out quickly and led by community members on the front lines of the public-health emergency.

In the early weeks of the sites being established in Victoria, CISUR researchers collaborated with several community agencies to learn from these innovative overdose prevention strategies.

The initial findings from this research have been published in the *International Journal of Drug Policy*. The open-access paper, was led by principal investigators Bruce Wallace and Bernie Pauly, with research coordinator Flora Pagan. Their interviews with staff at the sites focused on their perceptions of how OPSs had been rolled out.

"We found that these sites were a novel and nimble response to the overdose crisis which has affected communities not just across BC, but around the world," says Wallace. "Our hope is that the international community will look to this model as a way to quickly and effectively save lives—and use it beyond a public-health emergency context."

More than 20 OPSs were established across BC in the first year alone, with approximately 550,000 visits. There were no overdose deaths at any site. While federally sanctioned SCSs have since begun to open in communities across Canada, BC's OPS model is

unique in that they are approved at the provincial level, while SCSs require federal approval. Currently, 20 OPSs are operating in BC, in addition to 11 SCS.

The authors found that the legislative process which BC used to implement OPS was unprecedented, sanctioning injection-witnessing services as a measure under a declared public health emergency. Sites were up and running within weeks, and people who used drugs were involved in planning, implementing and delivering the services. The researchers concluded that these sites combine the benefits of state-sanctioned injection services with community-driven implementation.

"This research questions the federal governments' restrictive sanctioning processes, which have limited the expansion of SCSs internationally and are not necessarily aligned with the needs of people who use drugs," says Pauly. "These sites should be seen as not just a stopgap until an SCS receives approval in an area, but as an alternative or complementary service to the SCS model."

AIDS Vancouver Island (AVI) was one of the community agencies with which researchers collaborated for the project. "Our experience running OPSs in three communities on Vancouver Island confirms the research findings: these services prevent overdose death, provide practical supports for people who use substances, and connect those who experience stigma and isolation to peer support and other health and social services," says Heather Hobbs, AVI's manager of harm reduction services.

Key Result Area 4: Dissemination

CISUR hosted four public talks in 2018/19, including one large panel on cannabis research featuring several of our scientists and researchers the day before Canada legalized recreational cannabis. We also presented this year's Distinguished Women Scholars Lecture and hosted UBC's Dr. Vicky Bungay for a talk on using implementation science to tackle discrimination in health care.

We released our 18th bulletin: *Reducing Stigma and Building Cultural Safety in Primary Care for People Who Use or Have Used Substances*. We also published a series of dialogue resources as part of the Let's Talk Cannabis project, and the *Strategies to Reduce Alcohol-Related Harms and Costs in Canada: A Review of Provincial, Territorial, and Federal Policies* infographic.



CISUR hosted UBC Nursing's Dr. Vicky Bungay (left) as part of UVic's Distinguished Women Scholars Lecture series.

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Stockwell, T., Wettlaufer, A., Vallance, K., Chow, C., Giesbrecht, N., April, N., Asbridge, M., **Callaghan, R.C.,** Cukier, S., Davis-Macnevin, P., Dube, M., Hynes, G., Mann, R., Solomon, R., **Thomas, G., Thompson, K.** (2019). Assessment of Federal Alcohol Policy Implementation in Canada. Victoria, BC: Canadian Institute for Substance Use Research, University of Victoria.

Stockwell, T., Wettlaufer, A., Vallance, K., Chow, C., Giesbrecht, N., April, N., Asbridge, M., **Callaghan, R.C.,** Cukier, S., Davis-Macnevin, P., Dube, M., Hynes, G., Mann, R., Solomon, R., **Thomas, G., Thompson, K.** (2019). Strategies to Reduce Alcohol-Related Harms and Costs in Canada: A Review of Provincial and Territorial Policies. Victoria, BC: Canadian Institute for Substance Use Research, University of Victoria

CISUR Bulletin

Urbanoski, K., Pauly, B., Inglis, D., Cameron, F., Haddad, T., Phillips, J., Phillips, P., Rosen, C., Schlotter, G., Hartney, E., **Wallace, B.** (2018). Reducing Stigma and Building Cultural Safety in Primary Care for People Who Use(d) Substances. CISUR Bulletin # 18, Victoria BC: University of Victoria.

Infographic

Strategies to Reduce Alcohol-Related Harms and Costs in Canada: A Review of Provincial, Territorial, and Federal Policies (2019)

CISUR Blog posts

See: <https://onlineacademiccommunity.uvic.ca/carbc>

Macdonald, S. (2018). Proposed federal legislation on cannabis and alcohol impaired driving.

Macdonald, S. (2018). The safety benefits of alcohol breath-testing: a research summary.

Macdonald, S. (2018). The safety benefits of THC blood testing: a research summary.

Macdonald, S. (2018). The myth and origins of 24-hour performance deficits from cannabis.

Jenei, K. (2018). Strengthening community through dialogue: Let's Talk Cannabis.

Remocker, C., Miller, T., **Jenei, K.** (2018). Focusing on fentanyl: If you party, plan ahead.

Opinion Editorials and Letters to News Outlets

Gagnon, M.L. & Pauly, B. (2019, February 3). Comment: Find solutions to build safer community [Editorial]. Retrieved from <https://www.timescolonist.com/opinion/op-ed/comment-find-solutions-to-build-safer-community-1.23619768>

Pauly, B. (2018, October 28). Island Voices: Affordable housing is a human right [Editorial]. Retrieved from <https://www.timescolonist.com/opinion/op-ed/island-voices-affordable-housing-is-a-human-right-1.23478150>

Pauly, B., & Gagnon, M. (2018, September 14). Moving backwards on homelessness: Rejecting evidence-based solutions [Editorial]. Retrieved from <https://www.saanichnews.com/letters/moving-backwards-on-homelessness-rejecting-evidence-based-solutions/>

Pauly, B. (2018, September 11). Comment: We are rejecting the evidence on homelessness [Editorial]. Times Colonist. Retrieved from <https://www.timescolonist.com/opinion/op-ed/comment-we-are-rejecting-the-evidence-on-homelessness-1.23426745>

Pauly, B., & Gagnon, M. (2018, August 10). Homelessness is a health and safety risk: Why we need a public health approach in tent cities [Open letter]. Retrieved from https://mailchi.mp/600e0d6bfc79/publichealth_tentcities

Pauly, B., & Gagnon, M. (2018, July 31). Injunctions to shut down tent cities are no solution [Editorial]. The Tyee. Retrieved from <https://thetyee.ca/Opinion/2018/07/31/Injunctions-Shut-Down-Tent-Cities-No-Solution/>

Pauly, B., & Gagnon, M. (2018, July 26). Expert nurses: Taking tent cities to court is wrong, and here's why [Editorial]. The Georgia Straight. Retrieved from <https://www.straight.com/news/1108471/expert-nurses-taking-tent-cities-court-wrong-and-heres-why>

Pauly, B., & Barber, K. (2018, July 22). Island Voices: Why worry about tent cities? [Editorial]. Times Colonist. Retrieved from <http://www.timescolonist.com/opinion/op-ed/island-voices-why-worry-about-tent-cities-1.23375110>

CISUR Student Dissertations

Hall, S., MA (2019). Clients perspectives of managed alcohol programs in the first six months and their relational shifts.

Ivsins, A., Ph.D. (2018). Divergent pathways to problematic substance use among vulnerable populations.

O'Leary, R., Ph.D. (2018). Vapour products/e-cigarettes: claims and evidence.

Selfridge, M., Ph.D. (2018). Grieving online: street-involved youths' use of social media after a death.

Shaw, L.V., MSc (2018). Psychedelic revival: a mixed-methods analysis of recreational magic mushroom (psilocybin) use for transformational, micro-dosing and leisure purposes.



CISUR Bulletin #18: Reducing Stigma and Building Cultural Safety in Primary Care for People Who Use(d) Substances.

Invited Presentations

Atanackovic, J., **Benoit, C.**, Damers, C., Neiterman, E., Thiessen, K., Bourgeault, I. (May 2018) *Mental health experiences and leaves of absence among Canadian midwives*. Ontario Midwifery Conference. Muskoka, Ontario.

Benoit, C. (2018) *Prostitution stigma and its effect on the working conditions, personal lives and health of sex workers*. Invited talk for the Dean's Distinguished Lecture Series. Central Branch of the Greater Victoria Public Library. Victoria, BC.

Benoit, C., Jansson, M., Smith, M., Magnuson, D., Healey, P. (June 2018) *Reflections on the critical issues and new directions in sex work research from 2006-2018: The enduring importance of comparison*. Annual Meeting on Law and Society. Toronto, ON.

Benoit, C., Healey, P., Jansson, M., Smith, M. (May 2018) *Sex workers & confidence in the police*. Peers Forum: Building Partnerships to Support the Health and Safety of People in Sex Work or Trade. Victoria, BC.

Jenei, K. & Reist, D. (2018, October 3). *Let's talk smoking: Introduction to dialogue*. Workshop at the Changing the Culture of Substance Use on campus learning event. Vancouver, BC.

Jenei, K. & Reist, D. (2018, May 2 & 9). *Let's talk cannabis: Introduction to dialogue*. 2-day workshop at Vancouver Island University. Nanaimo, BC.

Gordon, A., Hutchinson, D., Larsen, Dana Thomas, **Thomas, G.**, & Tousaw, K. (September 2018). *Cannabis Legalization*. A panel held at the Fourth Cannabis & Hemp Conference & Exposition, Vancouver, BC.

Pauly, B., Shahram, S., Wallace, B., Urbanoski, K., MacKinnon, K., **Marcellus, L.**, & **Stroscher, H.** (March, 2019). *The 'S' Team: Collaborating to Reduce Stigma, Discrimination and Overdose Deaths*. Presentation to Port Alberni Community Action Team.

Pauly, B., Shahram, S., MacDonald, M., & ELPH Research Team (2019, February). *Enhancing organizational capacity for health equity*. National Collaborating Centre for the Determinants of Health Webinar: The anatomy of a health equity-oriented organization: Insights on organizational capacity.

Pauly, B., et al. (2018, December). *Public health nursing roles in equity informed overdose responses*. Presentation to Fraser Health public health nurses. Surrey, BC.

Pauly, B., Shahram, S., Wallace, B., Stroscher, H., MacKinnon, K., Gordon, C., Raworth, R., **Pagan, F., Mesley, L.**, Macevicius, C., Nicol, E., **Inglis, D.**, Sawchuk, D., **Urbanoski, K.**, **Marcellus, L.**, & **MacDonald, M.** (2018, November) *Toward equity informed overdose responses*. Presentation to Island Health at the Knowledge-to-Action Month Session. Victoria, BC.

Pauly, B., et al. (2018, November). *Toward equity informed overdose responses: Strengthening family and peer networks*. Presentation to the Oceanside Harm Reduction Coalition. Oceanside, BC.

Pauly B., Wallace, B., Shahram, S., McKinnon, K., **Marcellus, L.**, & **Stroscher, H.** (2018, September). *Towards equity oriented care in overdose responses*. Presentation at the CIHR Knowledge Synthesis Grant Meeting. Victoria, BC.

Pauly, B., Stockwell, T., Wettlaufer, A., Chow, C., Valance, K., Brown, M., & the Canadian Managed Alcohol Program Study Team. (2018, August). *Do Managed Alcohol Programs prevent harms of alcohol, heavy drinking, and homelessness?* Invited presentation to ELMAC (Division of Family Physicians). Port Hardy, BC.

Pauly, B., Stockwell, T., Wettlaufer, A., Chow, C., Valance, K., Brown, M., & the Canadian Managed Alcohol Program Study Team. (2018, August). *Do Managed Alcohol Programs prevent harms of alcohol, heavy drinking, and homelessness?* Invited presentation to Familiar Faces. Port Hardy, BC.

Pauly, B., Stockwell, T., Wettlaufer, A., Chow, C., Valance, K., Brown, M., & the Canadian Managed Alcohol Program Study Team. (2018, August). *Do Managed Alcohol Programs prevent harms of alcohol, heavy drinking, and homelessness?* Invited presentation to North Island Community Health and Wellness. Port Hardy, BC.

Pauly, B. (2018, July). *Lessons learned during a public health overdose emergency*. Invited presentation at the CIHR Opioid Workshop on Community Based Interventions. Public Health Ontario, ON.

Pauly, B., Shahram, S., & MacDonald, M. (2018, July). *Evolution and application of a health equity lens in BC*. Invited presentation to the Ministry of Mental Health and Addictions. Victoria, BC.

Pauly, B., Shahram, S., & MacDonald, M. (2018, July). *Evolution and application of a health equity lens in BC*. Invited presentation to the Public Health Association of BC Summer School. Victoria, BC.



A standing ovation for Bernie Pauly, Paige Phillips, Fred Cameron and the rest of the “Reducing Stigma and Cultural Safety Research Team” at the 2018 BC SUPPORT Unit’s *Putting Patients First* conference in Vancouver (Oct. 4, 2018; Photo: Taylor Hainstock / Twitter)

Pauly, B., Stockwell, T., Wettlaufer, A., Chow, C., Vallance, K., & Brown, M. (2018, June). *Preventing harms of severe alcohol use: Managed Alcohol Programs*. Invited presentation at the Wisdom of the Elders - Guidance from the Community: A Tailored Approach to Indigenize Harm Reduction, Victoria, BC.

Pauly, B., & Phillips, J. (2018, June). *Creating culturally safe care to reduce drug related stigma*. Invited presentation to the Victoria Supervised Consumption Site Team, Victoria, BC.

Pauly, B. (2018, June). *Harm reduction through a social justice lens*. Invited presentation to the Victoria Supervised Consumption Site Team, Victoria, BC.

Pauly, B., Hasselback, P., & Reist, D. (2018, April). *Community overdose response planning*. Webinar Presentation in the Centre for Addiction and Mental Health's Provincial System Support Program.

Phillips, J., & Pauly, B. (2018, April). *Creating culturally safe care to reduce drug related stigma*. Workshop for the Island Health Detoxification and Stabilization Unit.

Reist, D. (2018, November 16). *From Avoiding Risk to Nurturing Resilience*. A workshop at the annual Public Health Association of BC conference. Vancouver, BC.

Reist, D. (2018, October 19). *Promoting literacy related to drugs and gambling*. Workshop at the BizTech professional development conference, Burnaby Central Secondary School. Burnaby, BC.

Reist, D. (2018, September 26). *Exploring health promotion in addressing substance use*. A guest lecture at Simon Fraser University. Burnaby, BC.

Reist, D. & Dyck, T. (2018, September 19). *Motivational interviewing*. Webinar in support of Beyond the Blues education and screening days. Vancouver, BC.

Reist, D. (2018, May 31). *Beyond persuasion: Promoting well-being in the context of cannabis legalization*. Paper presented at the 26th annual meeting of the Society for Prevention Research. Washington, DC.

Shahram, S., & Pauly, B. (2018, April). *A Vision for health equity in Interior Health*. Presentation for the Equity at IH Kick-Off Event, Kelowna, BC.

Stockwell, T., Wettlaufer, A., Vallance, K., Chow, C., Giesbrecht, N., April, N., Asbridge, M., Callaghan, R.C., Cukier, S., Davis-Macnevin, P., Dube, M., Hynes, G., Mann, R., Solomon, R., Thomas, G., Thompson, K. (2019). *Strategies to Reduce Alcohol-Related Harms and Costs in Canada: A Review of Provincial and Territorial Policies*. Webinar hosted jointly by CISUR and CAMH, Ontario.

Stockwell, T., Pauly, B., Zhao, J., Chow, C., Vallance, K., Wettlaufer, A., & Saunders, J. (2018, November). *Trajectories of alcohol use and related harms for Managed Alcohol Program participants*. Presented at Canadian Managed Alcohol Program team meeting, Toronto, ON.

Stockwell, T. (2018, October). *2018 Cost Study Report*. Presented in Alcohol Policy Webinar.

Stockwell, T. & Giesbrecht, N. (2018, October). *Increasing access to alcohol: What are the health & financial implications for Ontario?* Webinar: Increasing access to alcohol.

Stockwell, T. (2018, April). *Estimated impacts of public health of privatizing the Swedish monopoly*. Presented at Alcohol Policy 18, Washington, DC.

Stockwell, T. (2018, April). *Second hand effects of alcohol: Some reflections*. Presented at Alcohol Policy 18, Washington, DC.

Stockwell, T. (2018, April). *Bar trading hours, alcohol consumption and harm: What is the evidence?* Presented at Alcohol Policy 18, Washington, DC.

Thomas, G. & Reist, D. (2018, November 16). *Cannabis legalization: guides for schools & communities*. A presentation at the annual Public Health Association of BC conference. Vancouver, BC.

Thomas, G. (September 2018). *Integration & Therapy with Ayahuasca*. A presentation made at the Fourth Cannabis & Hemp Conference & Exposition, Vancouver, BC.

Wettlaufer, A., Pauly, B., Brown, M., Chow, C., Vallance, K., Kauppi, C., Larocque, C., Stockwell, T., Zhao, J., & Rose, C. *Towards alcohol harm reduction: Results from an evaluation of the Sudbury MAP*. Webinar presentation to the Canadian Managed Alcohol Program Study Community of Practice, Sudbury, ON.

Urbanoski, K. (May 2018). *Public health implications of cannabis legalization: what can we expect?* Research in Action, Cannabis legalization: medical advice to lower risks or just blowing smoke, Five Days in May, Island Health; Victoria, BC.

Urbanoski, K., Phillips, P., & Pauly, B. (2018, December). *Reducing the stigma of substance use and building capacity in patient-oriented primary care research*. BC Support Unit webinar presentation.

Other Conference and Presentations

Ames, M. E., & **Leadbeater, B.** (2018, May). *Physical health disparities associated with trajectories of marijuana use among Canadian youth*. Presentation at the Society for Prevention Research Annual Meeting, Washington, DC.

Armstrong, H.L., **Lachowsky, N.J., Card, K.G.,** Roth, E.A., Hogg, R.S., Moore, D.M. (2018). *Differing HIV risk and prevention practices of bisexual men, as compared to gay men, in a Treatment as Prevention Environment*. CBRC Gay Men's Health Summit. Vancouver, BC.

Armstrong, H.L., **Card, K.G.,** Cui, Z., Bacani, N. **Lachowsky, N.J.,** Hogg, R.S., Roth, E.A., Moore, D.M. (2018). *Changing sexual identities in a longitudinal sample of Canadian men who have sex with men: Growing evidence for male sexual fluidity*. International Academy for Sex Research (IASR), Madrid, Spain.

Armstrong, H.L., **Card, K.G., Lachowsky, N.J.,** Hogg, R.S., Moore, D., Roth, E.A. (2018). *Longitudinal Event-Level Analysis of Versatility Among Gay and Bisexual Men in the Momentum Health Study*. Canadian Association for HIV Research (CAHR), Vancouver, BC.

Barber, K., Wallace, B., & Pauly, B. (2018, November). *Seeking safety: The contribution of overdose prevention units in broader responses to substance use and harm reduction implementation in shelter settings*. BC Non-Profit Housing Association's Housing Central Conference 2018, Vancouver, BC.

Bardwell, G., Malmgren, I., **Pauly, B., & Wallace, B.** (2018, October). *Harm reduction interventions in emergency shelters: Opportunities and challenges during an overdose crisis*. 12th National Harm Reduction Conference, New Orleans, Louisiana, USA.

Brown, M., Pauly B., Evans, J., Gray, E., Schiff, R., **Ivsins, A., Kryswaty, B., Vallance, K., & Stockwell, T.,** (2018, November). *It's safer here: Implementation and impacts of Managed Alcohol Programs (MAPs)*. 2018 National Conference on Ending Homelessness, Hamilton, ON.

Brown, M., Pauly, B., Stockwell, T., Wettlaufer, A., Chow, C., & Vallance, K. (2018, November). *The Canadian Managed Alcohol Program Study (CMAPS)*. 2018 Housing Central – BC's Affordable Housing Conference, Vancouver, BC.

Brown, M., & Pauly, B. (2018, October). *Working to full scope: Nursing competencies in Managed Alcohol Programs and alcohol harm reduction*. Crisis, Controversy and Change National Conference, Canadian Society of Addiction Medicine, Vancouver, BC.

Card, K.G., Armstrong, H.L., Moore, D.M., Hogg, R.S., Roth, E.A., **Lachowsky, N.J.** (2018). *Comorbid Anxiety and Depression: A Call for Health Systems Optimization through Social Inclusion and Support*. CBRC Gay Men's Health Summit, Vancouver, BC.

Card, K.G., Lachowsky, N.J., Armstrong, H.A., Roth, E.A. (2018) *Incomplete diffusion of Treatment as Prevention in key groups highlights the need for more inclusive health promotion*. 4th International Conference on The Social Sciences and Humanities In HIV, Amsterdam, NL.

Card, K.G., Gibbs, J., **Lachowsky, N.J.,** Hawkins, B.W., Compton, M., Edward, J., Ho, D., Salway, T., Gislason, M., Hogg, R. (2018). *Can Geosocial Networking Applications Aid in Health Service Delivery Efforts?* Canadian Association for HIV Research (CAHR), Vancouver, BC.

Card, K.G., Armstrong, H., Carter, A., **Lachowsky, N.J.,** Cui, Z., Zhu, J., Hogg, R., Moore, D., Roth, E.A. (2018). *A Latent Class Analysis of Substance Use and Culture among Gay, Bisexual, and Other Men Who Have Sex with Men.* Canadian Association for HIV Research (CAHR), Vancouver, BC.

Card, K.G., Armstrong, H.A., Wang, L., Bacani, N., Roth, E.A., Hogg, R.S., **Lachowsky, N.J.,** Moore, D.M.. (2018). *Longitudinal Trends in Sexual Partnering and Relationship Formation among Gay, Bisexual, and Other Men Who Have Sex with Men (gbMSM).* Canadian Sex Research Forum, Toronto, Canada.

Giesbrecht, M., Stajduhar, K., Mollison, A., **Pauly, B.,** Reimer-Kirkham, S., McNeil, R., **Wallace, B.,** Rose, C., & Dosani, N. (2018, October). *Place-based experiences of formal healthcare settings by people experiencing vulnerability at the end-of-life.* 22nd International Congress on Palliative Care, Montreal, QC.

Greenwald, Z., **Card, K.G., Lachowsky, N.J.,** Thomas, R. (2018). *Geographic Barriers Result in HIV Pre-Exposure Prophylaxis Discontinuation: How to Improve Retention in Care.* CBRC Gay Men's Health Summit, Vancouver, BC.

Ingram, V., Meixner, T., Lo, S., Gillies, K., **Urbanoski, K.,** & Milligan, K. (October 2018.) *Examining the role of executive functions for high-risk mothers in their transition to parenthood.* Oral presentation at: 8th National Conference of the Canadian Association of Perinatal and Women's Health Nurses; Ottawa, ON.

Le TL, Kenaszchuk C, Milligan K, **Urbanoski K.** (May 2018.) *A system-level description of substance use treatment for pregnant and parenting women in Ontario.* Poster presented at: 2018 Canadian Association for Health Services and Policy Research Conference; Montreal, QC.

Linden-Carmichael, A. N., Ames, M.E., & **Leadbeater, B.** (2018, May). *Time-varying effects in the strength of associations between cannabis use frequency and disorder and symptoms of psychosis, anxiety, and depression in adolescents and adults.* Paper symposium presented at the Society for Prevention Research Annual Meeting, Washington, DC.

Macdonald, S. (May 2018). *Detection of impairment deficits from alcohol and cannabis: A comparison of the scientific evidence.* 44th Annual Meeting of the Kettil Bruun Society, Chiang Mai, Thailand.

Macdonald, S., Greer, A. & Ferencz, S. (May 2018) *Police carding and discretion with drug using youth in British Columbia (BC), Canada.* The International Society for the Study of Drug Policy, Vancouver, B.C.

Meixner, T., Ingram, V., Milligan, K., & **Urbanoski, K.** (October 2018.) *Core values and processes of care for pregnant and parenting women with problematic substance use: Service provider perspectives.* Oral presentation at: 8th National Conference of the Canadian Association of Perinatal and Women's Health Nurses; Ottawa, ON.

Milligan, K., Meixner, T., Tremblay, M., Tarasoff, L., & **Urbanoski, K.** (October 2018.) *Parenting interventions for mothers with problematic substance use: Is evidence being used in practice?* Oral presentation at: 9th Biennial Prairie Child Welfare Consortium National Conference; Calgary, AB.

Milligan K, Tarasoff L, Le T, Kolla G, Ingram V, **Urbanoski K.** (May 2018.) *Integrated treatment programs for pregnant and parenting women in Ontario: Models, processes, and outcomes.* Oral presentation at: 6th Annual Addictions and Mental Health Ontario Conference; Toronto, ON.

Milligan, K., Thomas, M., Ingram, V., Gillies, K., & **Urbanoski, K.** (October 2018.) *Investigating the Impact of Trauma on Parenting in Mothers with Problematic Substance Use: Relative Impacts of Childhood Trauma and Current PTSD Symptoms.* Oral presentation at: 8th National Conference of the Canadian Association of Perinatal and Women's Health Nurses; Ottawa, ON.

Pauly, B. Cameron, F., Charlie, P., & Barnes, R. (2018, May). *Engaging communities in health research and policy-making.* 4th Fuse International Conference on Knowledge Exchange in Public Health, Vancouver, BC.

Rozada, J., Zhu, J., Moore, D.M., **Lachowsky, N.J.,** Hull, M.W., Shoveller, J.A., Roth, E.A., **Card, K.G.,** Hogg, R.S., Montaner, J.S.G., Lima, V.D. (2018). *Determining the conditions necessary to eliminate the HIV epidemic among MSM in British Columbia.* Canadian Association for HIV Research (CAHR), Vancouver, BC.

Shahram, S. Z., Horsethief, C., Bryant, L., Wilson, D., Pierre, S., & **Pauly, B.** (2018, May) *What's in a name? The story of xaḡqanaḡ ?itkiniḡ (many ways of working together).* 4th Fuse International Conference on Knowledge Exchange in Public Health, Vancouver, BC.

Shahram, S. Z., Pauly, B., Taylor, D., & Pollock, S. (2018, May) *'Embedded' scholarship as a strategy for health equity policy change.* Presentation at Public Health 2018, Montreal, QC.

Shahram, S. Z., Pauly, B., Stroscher, H., van Roode, T., & MacDonald, M. (2018, May) *Integrated knowledge translation and disseminating action-oriented & equity-focused research findings*. 4th Fuse International Conference on Knowledge Exchange in Public Health, Vancouver, BC.

Shahram, S. Z., Pauly, B., Taylor, D., & Pollock, S. (2018, May) *'Embedded' scholarship as a strategy for health equity policy change*. 4th Fuse International Conference on Knowledge Exchange in Public Health, Vancouver, BC.

Sorge, J., Perlova, K., Kent, P., Hall, B., Sherk, A., Zhao, J., Macdonald, S., Stockwell, T. and Young, M. (May 2018). *The lost production costs of substance use in Canada, 2007-2014*. 44th Annual Symposium of the Kettil Bruun Society for Social and Epidemiological Research on Alcohol, Chiang Mai, Thailand.

Tarasoff, L.A., Milligan, K., Le, T., & **Urbanoski, K.** (October 2018.) *Integrated treatment programs for pregnant and parenting women with problematic substance use: Service descriptions and client perceptions of care*. Oral presentation at: 8th National Conference of the Canadian Association of Perinatal and Women's Health Nurses; Ottawa, ON.

Thompson, K. & Leadbeater, B. (May 2018). *Health Risks and Health Promotion in the Context of Cannabis Legalization in Canada*. Organized Symposium presented at the Society for Prevention Conference; Washington, DC.

Thompson, K. & Leadbeater, B. (Nov. 2018) *Trajectories of marijuana use across a decade: Their predictors in adolescence and impact on the health, academic, social and economic outcomes of Canadian young adults*. Cannabis Legalization and Youth: Developing Clear Messages in an Evolving Policy Climate, Boulder Colorado Institute for Behavioral Health.

Turner, B., Ames, M. E., & **Leadbeater, B.** (June, 2018). *NSSI desistance and its consequences in the transition to young adulthood*. Presentation at the International Society for the Study of Self Injury Conference, Brussels, Belgium.

Urbanoski, K., Milligan, K., Tarasoff, L., Le, K., & Kolla G. (October 2018.) *Collaborative arrangements between substance use services, child welfare, and other services for pregnant and parenting women*. Oral presentation at: 9th Biennial Prairie Child Welfare Consortium National Conference; Calgary, AB.

Urbanoski, K. (May 2018) *Substance use, treatment, and the role of employers: what the research evidence says*. Plenary at: 2018 Annual Meeting of the National Academy of Arbitrators; Vancouver, BC.

Wallace, B., Pagan, F., & Pauly, B. (2018, October). *Government sanctioned, community defined: A local case study of BC overdose prevention sites*. Stimulus 2018: Drugs, Policy and Practice in Canada, Edmonton, AB.

Zhao, J., Stockwell, T., Sorge, J., Dorocicz, J., Fairbank, J., Hall, B., Kent, P., **Macdonald, S., Sherk, A.,** Wallingford, S. and Young, M. (May 2018). *Small area estimation of alcohol and other substance use from Canadian substance use surveys: A method to deal with missing data in prevalence estimates*. 44th Annual Symposium of the Kettil Bruun Society for Social and Epidemiological Research on Alcohol, Chiang Mai, Thailand.

CISUR Sponsored Conferences and Seminars

Urbanoski, K., Pauly, B., and the Reducing stigma in primary care research team. (April 2018). *Creating culturally safe primary care for people who use substances*. Royal Jubilee Hospital.

Kerr, W. (June 2018). *Alcohol and Cannabis: A Look at Washington State*. University of Victoria.

Sherk, A. (October 2018). *Cannabis use in Canada*. Part of CISUR, Cannabis and Canada: Research directions under legalization. University of Victoria.

Callaghan, R. (October 2018). *Does using cannabis increase the risk of developing cancer?* Part of CISUR, Cannabis and Canada: Research Directions under Legalization. University of Victoria.

Stockwell, T. (October 2018). *Will Cannabis take market share from alcohol? And does it matter?* Part of CISUR, Cannabis and Canada: Research Directions under Legalization. University of Victoria.

Macdonald, S. (October 2018). *Cannabis impaired driving laws*. Part of CISUR, Cannabis and Canada: Research Directions under Legalization. University of Victoria.

Norman, T. (October 2018). *10/17/18: A golden opportunity*. Part of CISUR, Cannabis and Canada: Research Directions under Legalization. University of Victoria.

Bungay, V. (March 2019). *Using implementation science to tackle discrimination in healthcare*. UVic's Distinguished Women Scholars Lecture, Royal Jubilee Hospital.

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 2018/2019: 67</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 2018/2019: 15</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 2018/2019: 36</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 2018/2019: 1,841</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 2018/2019: 10/42/39</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

We are incredibly fortunate to have concentrated expertise in the area of knowledge mobilisation around substance use issues courtesy of Dan Reist and his excellent colleagues at the Vancouver office of CISUR. Supported by provincial and federal funding, Dan and his team have been active in the past year facilitating nation-wide conversations designed to translate knowledge into action on such key issues as cannabis legalisation and the opioid crisis.

Our capacity to have our research reach practitioners and policymakers is also greatly aided by our communication and media officer Amanda Farrell-Low's skill with both traditional and digital media.

Some tangible examples of the impact of translating some of our research includes take-up of 10 recommendations in a report prepared by the Standing Committee on Health in relation to reducing harms associated with high sugar, high alcohol content drinks; the introduction of minimum unit pricing in some Canadian and international jurisdictions.





Key Result Area 5: Knowledge Mobilization

CURRENT PROJECTS

Helping Schools

There has been growing interest in our inquiry-based approach to drug and gambling education throughout the year. The following projects are part of our commitment to supporting quality education in schools throughout BC and beyond.



- Helping Schools

Investigators: Reist, D., Asgari, M., Norman, T., Bodner, N., Nicolussi, G., & Pozer, J.

Funding bodies: BC Mental Health Society Branch, BC Ministry of Health, and BC Ministry of Finance

Description:

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 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.”

Although comprehensive school health programs have components that address individual competence and resilience, they also focus on changing the culture of the school to encourage greater school attachment and involvement. Together, these factors have been shown to reduce alienation from the school and from the values of the larger society, improve academic performance and increase health and wellness.

Recent activity has focused on developing gambling-related sample lessons within our iMinds collection and resources to promote professional learning among educators.

- Dialogues on Vaping in Schools

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

Funding body: Fraser Health

Description:

In response to increased concern about student vaping and questions related to effective policy, Fraser Health has partnered with the CISUR to support dialogue in three school districts. The project will provide tools, training and support to increase the capacity of school and Fraser Health staff to facilitate dialogic activities.

Currently, CISUR is working with each school/district and Fraser Health to collaboratively develop strategies to address local needs and priorities, and is provide needed training to school and health authority staff. The focus of this project is vaping, but the skills developed will be transferrable to many other issues facing schools and communities today.

Helping Campuses

**HEALTHY
MINDS**

**HEALTHY
CAMPUSES**

For more than a decade we have been working with the Canadian Mental Health Association (BC Division) and a growing number of BC post-secondary institutions to create and strengthen the Healthy Minds | Healthy Campuses community of practice. The project is based on the notion that success in a post-secondary institution, as in any workplace, requires attending to the collective well-being of the campus itself as well as the well-being of individuals. CISUR co-leads this project with the Canadian Mental Health Association (BC Division) and provides leadership for the Changing the Culture of Substance Use initiative within this project.

Recent work has included leading a Changing the Culture of Substance Use initiative involving six BC campuses to address issues related to smoking on campus.



CISUR Research Associate Tom Dyck presents at the 2019 Healthy Minds | Healthy Campuses Summit in Vancouver, March 2019



Participants at the 2019 Healthy Minds | Healthy Campuses Summit at the Morris J Wosk Centre for Dialogue in Vancouver, March 7-8, 2019. The theme was *Building Connection At All Levels: A Socio-Ecological Approach to Well-being on Campus*.



Helping Communities

Helping Communities is an ongoing project aimed at promoting a health promotion approach and helping organizations and other stakeholders develop tools and mechanisms for addressing the impact of alcohol and other drug use on individuals, families and neighbourhoods in BC. This ongoing project involves consulting and working with communities and systems throughout the province to promote health and well-being relative to substance use. The project revolves around the notion that drug-related problems in our society are more than a matter of personal responsibility. An individual's choices about alcohol and other drugs—including when, where and how to use them—are strongly influenced by social and environmental factors in their community. The project focuses on four core areas of health:

- Health capacity: shaping the community environment to make it conducive to health as well as developing the knowledge and skills that allow individuals to take control of their own health
- Inclusion and connectedness: offering a variety of means and contexts to help citizens feel connected to each other and to the community
- Managing risk: promoting safer contexts and less risky behaviour among individuals
- Interventions: regulating the community environment and supporting individual behaviour change

Recent activity has largely related to the ongoing opioid overdose crisis and the legalization of cannabis. Another recent activity related to the development of a discussion paper commissioned by the F/P/T Committee on Problematic Substance Use and Harms (PSUH) that reconceptualizes an upstream approach to youth substance use.

- Alcohol and Other Drug Screening and Education

Investigators: Dyck, T. & Reist, D.

Funding body: BC Mental Health Society Branch and BC Ministry of Health

This project to date has involved creating and promoting online and paper-based screening tools and brief intervention materials, e.g., Alcohol Reality Check, 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.

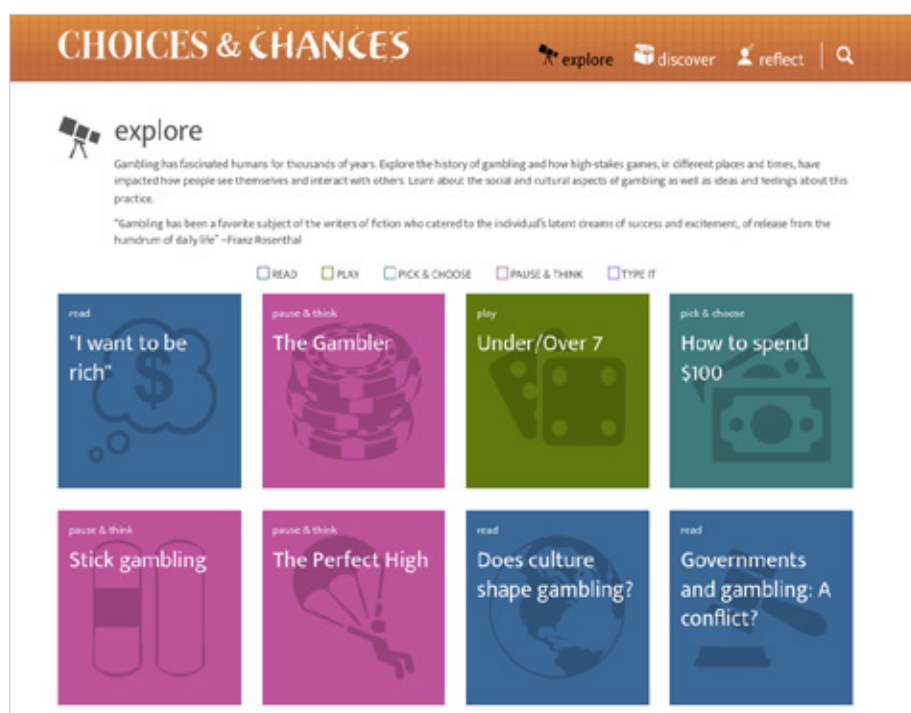
Recent work has focused on developing screening tools related to cannabis.

- Gambling online resource

Investigators: Reist, D., Asgari, M., Norman, T., Nicolussi, G., Bodner, N., & Jenei, K.

Funding body: BC Ministry of Justice

This project involved developing and producing an online gambling health promotion resources in consultation with the BC Responsible and Problem Gambling Program. The resource is intended to meet the needs of British Columbians interested in accessing educational and supportive materials to help them manage their lives relative to gambling and to access resources in their communities and through the treatment system as needed. The site is available at <https://choicesandchances.ca/> and plans are to further develop it in the future.



- Here to Help Information Products

Investigators: Reist, D. & Norman, T.

Funding body: BC Mental Health Society Branch and BC Ministry of Health

Recent activity focused largely on up-dating and developing resources related to cannabis and supporting families.



- Let's Talk Cannabis

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

Funding body: Health Canada

The Let's Talk Cannabis project aims to engage communities in dialogue about cannabis and cannabis policy to increase the possibility of citizens (including young citizens) understanding each other in a way that provides the foundation for functioning together so as to increase their capacity, as individuals and communities, to improve their well-being.

This project is now complete having successfully developed capacity for dialogic work in several jurisdictions across the country and having developed a repository of resources that can be accessed from the project webpage.

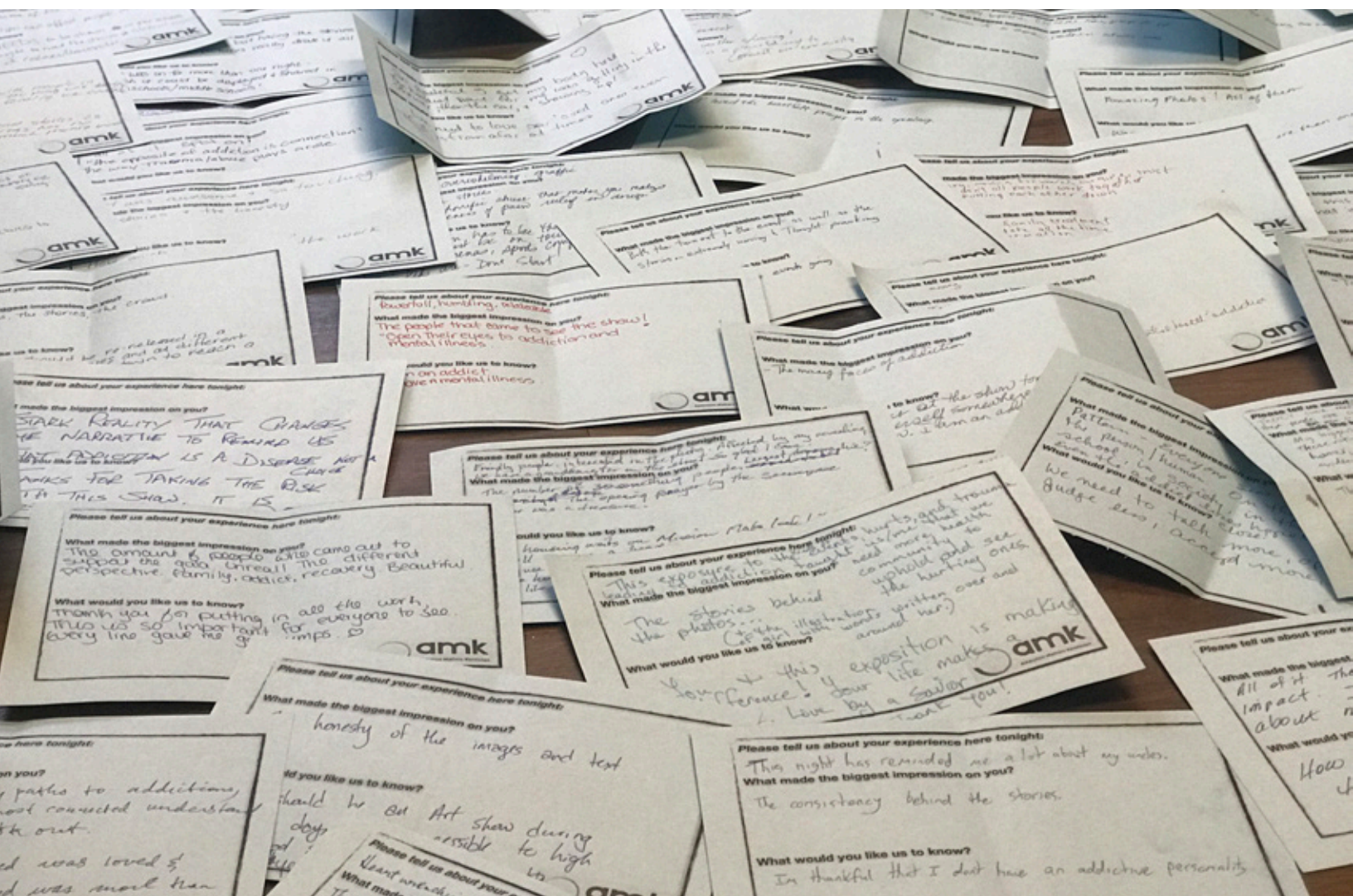
- Opioid dialogues

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

Funding bodies: BC Ministry of Public Safety and Solicitor General

Recent efforts have involved more 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: dialogues.cisur.ca.

Individuals' responses after participating in Addiction Matters Kamloops' opioid dialogue event.



- Visions: BC's mental health and addictions journal

Investigators: Reist, D. & Norman, T.

Funding bodies: BC Mental Health Society Branch and BC Ministry of Health

This is an ongoing project aimed at increasing the representation of substance-related information in the award-winning quarterly magazine.



Memberships

| | |
|----------------|--|
| Benoit, C. | <ul style="list-style-type: none"> • Fellow, Royal Society of Canada • Canadian Society for the Sociology of Health • Sociologists for Women in Society • 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 • International Confederation of Midwives • Canadian Association of Midwives • 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, American Public Health Association (Public Health Nursing and Public Health Education sections) • Member, Executive Committee, Public Health Association of British Columbia • Member, Community Health Nurses of Canada • Canadian Public Health Association • Public Health Association of British Columbia |
| Macdonald, S. | <ul style="list-style-type: none"> • Kettel 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 • Child and Youth Mental Health and Substance Use Collaborative • Mandatory Display Provincial Advisory Committee, Ministry of Finance |
| 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, 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 • Member, Addictions and Mental Health Strategic Clinical Network, Valuing Mental Health Research Grant Steering Committee, Alberta Health Services • 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 • Adjunct Professor, School of Public Health, Department of Social Medicine, Soochow University, Jiangsu Province, China |

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 policymakers 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 2018/2019: 28 / 315 / 61</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 2018/2019: 40</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 2018/2019: 31,000+ / 87 / 1,465</p> |





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