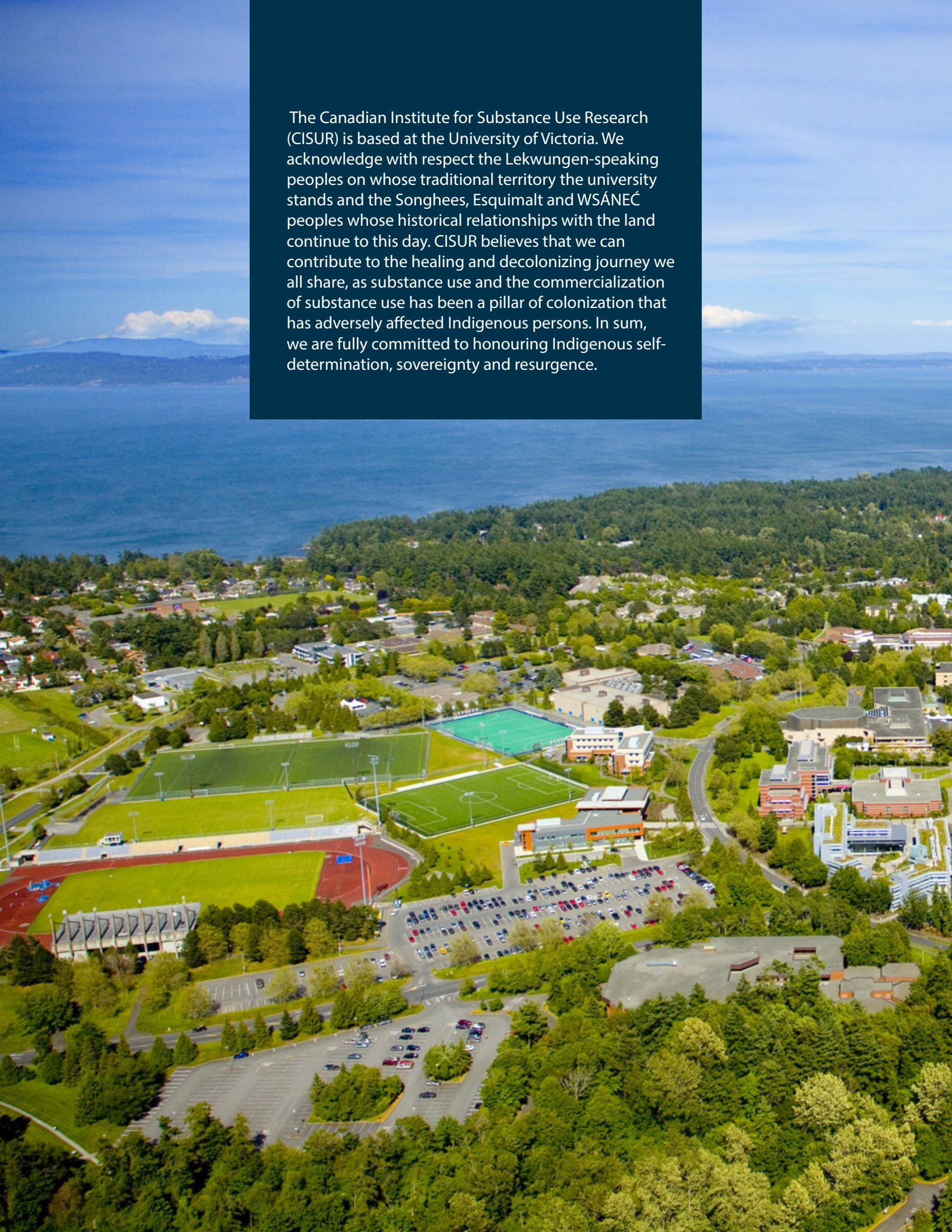




**University  
of Victoria**

Canadian Institute for  
Substance Use Research

**2024 ANNUAL REPORT**



The Canadian Institute for Substance Use Research (CISUR) is based at the University of Victoria. We acknowledge with respect the Lekwungen-speaking peoples on whose traditional territory the university stands and the Songhees, Esquimalt and WSÁNEĆ peoples whose historical relationships with the land continue to this day. CISUR believes that we can contribute to the healing and decolonizing journey we all share, as substance use and the commercialization of substance use has been a pillar of colonization that has adversely affected Indigenous persons. In sum, we are fully committed to honouring Indigenous self-determination, sovereignty and resurgence.



Land Acknowledgement

## OUR MISSION

*The Canadian Institute for Substance Use Research is a network of individuals and partner organizations dedicated to conducting ethical, collaborative, high-quality studies of risk and protective factors for substance use and addictions, and evaluating interventions relevant to substance use and related health determinants. Our research informs a broad range of projects and initiatives with the goal of preventing and reducing community-wide harms from substance use among diverse populations locally, nationally, and internationally.*

## GUIDING PRINCIPLES

### Improve wellbeing, reduce harms

Attention is required to both immediate factors (e.g. behavioural patterns and contexts) and distal factors (e.g. social, economic, policy-related) to effectively prevent and address harms from substance use and addictions across the life course. Recognition that some people will continue to use psychoactive substances and experience addictions is also critical, so strategies are needed to reduce harmful consequences, in addition to efforts that aim to directly reduce or prevent high-risk behaviours. Research that is of high quality and high public health relevance to local, national, and international populations are prerequisites in support of this principle.

### Conduct commercially independent, ethical scholarship

Commitment to solid ethical principles and transparency governing internal and external relationships and financial management, the conduct of research and the communication of research findings is of utmost importance. Protection from vested interests is crucial to ensure that research is conducted in the broader public interest and to support public health. This will be enabled by excluding representatives of commercial interests (e.g., alcohol, tobacco, cannabis, and gaming entities) from CISUR membership, and not accepting direct research funding from such sources. Work with government or other funders will involve mindful consideration of political influence or other factors affecting any aspect of the research.

### Prioritize collaborative relationships

Dynamic, collaborative relationships at multiple levels are essential for ensuring relevance of the research across diverse experiences and outcomes of substance use and related interventions. Key relationships include those with policymakers, nongovernmental and community organizations, researchers from many disciplines, health and social practitioners, media, and the public including people with lived and living experience of substance use and those coping with addictions and other substance-related problems.

### Address social equity, inclusion and justice issues

A commitment to the promotion of equity and fairness and the pursuit of social justice through attention to the impact of the environmental context and social determinants that shape substance use and the development of health inequities is critical. A focus on the role that substance use and related policies play in creating and driving inequalities is required to improve health and address disparities among vulnerable populations. Special attention must be paid to addressing the negative impacts of colonization on Indigenous populations both overall and with respect to substance use.

### Engage in informed discussion and debate

Open-mindedness and a commitment to fostering respectful discussion is a crucial part of the research process among researchers, and is matched by a commitment to engage in public discussion and debate through focused knowledge mobilization and knowledge exchange activities in order to facilitate the adoption of evidence-based public policy regarding substance use that will improve health and well-being.

### Train and mentor emerging scholars and learners

Training and mentoring the next generation of scholars and learners promotes and sustains high quality substance use-relevant research. We strive to provide collaborative educational opportunities for diverse populations, and to be inclusive of those in non-academic settings (e.g., community or government) or with non-academic career goals.

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This report covers the period April 1, 2023 to March 31, 2024

Cover photo: **John Dorocicz**

# MESSAGE FROM THE CHAIR

---

Last year marked the first presentation of CISUR's Harold Johnson Award for Changing the Alcohol Story. The inaugural recipient was Jarret Nelson of Montreal Lake Cree Nation for his work rebuilding community, especially his work with youth, through the practice of traditional Cree culture and going out on the land. The late Harold Johnson was an award-winning Cree lawyer and author of many books including *Firewater: How Alcohol is Killing My People (and Yours)*, and *The Power of Story*. Harold said stories can hurt but they can also heal. We have to ask the question "how do we change the story we're telling ourselves?"

The Canadian Institute for Substance Use Research is answering that question and changing the story about substance use. This has been another outstanding year for CISUR, creating positive societal change, locally, nationally, and internationally. With the guiding principles of improving wellbeing and reducing harms from substance use and addictions for all, CISUR's new initiatives and ongoing projects are grounded in brilliant, collaborative scholarship and, beautifully, compassion. They have enormous impact on public health and individual lives, often the lives of the most vulnerable and disadvantaged people in society.

It is a great honour to be the incoming Chair of the Advisory Board. As I begin my term and on the board's behalf, I want to offer profound thanks to Dr. Michael J. Prince who chaired the Advisory Board since it was a zygote! I also express my thanks and gratitude to the esteemed members of our Advisory Board for their guidance and for sharing their unique perspectives. And enormous gratitude, thanks and respect for the scientists, scholars, staff and students who are part of the innovative work of CISUR. You are changing the story about substance use, every single day.



**Shelagh Rogers, O.C.**

**Chancellor Emerita, University of Victoria**

# MESSAGE FROM THE DIRECTOR

---

I'm very happy to report that the past year has been a strong one for the Canadian Institute of Substance Use Research, as we continue to be a leading resource for substance use research and for translation of that research to policy makers and our community partners.

This was also a year of renewal and re-dedication for CISUR, as we completed our strategic plan that reaffirmed and updated our core principles, identified, and celebrated our successes and areas of strength, identified areas of growth in future opportunity, and outlined some key challenges that lie ahead. At the end of the day, however, our mission remains the same: to provide high quality research in order to promote health and wellbeing with respect to substance use and related determinants among communities and individuals locally, nationally and internationally.

CISUR faculty and staff have concluded another successful year of research. Papers, grants, contracts, awards, and innumerable media engagements have been matched by important translation and outreach activities. Important research and service work includes the evaluation of the Prescribed Safer Supply program, impacts of minimum unit prices for alcohol on health and vulnerable populations, and the impact of the decriminalization for small amounts of drugs in British Columbia, among other projects. On a personal level, I am very grateful to have been re-appointed for a second term as Director at CISUR; I feel privileged to work with such a great group.

We are also very fortunate to have Shelagh Rogers as our new Chair of the Advisory Board -- we welcome her expertise, vision, inimitable wit and sunny disposition. We thank her joining our ranks, particularly since she's recently been named Chancellor at Queen's University!



**Timothy S. Naimi, M.D., M.P.H.**

**Director, Canadian Institute for Substance Use Research (CISUR)  
Professor, Department of Public Health and Social Policy, University of Victoria**

Welcome



## REMEMBERING DAN REIST

---

Dan Reist, who retired in 2022, led a Vancouver-based team that focuses on communicating current evidence in a way that supports the evolution of effective policy and practice. With a background in continental philosophy and hermeneutics, Dan was quick to acknowledge that evidence is far more than statistics about patterns of use and harm and includes attention to the ways we experience and talk about drugs and drug use in our cultures and communities.

Sadly, Dan passed away in September 2023.

Dan, for over two decades, contributed to policy dialogues in British Columbia related to substance use and addictive behaviours, and participated in many national and international discussions. He was deeply committed to a health promotion approach to substance use. He championed the

careful use of language to describe substance use and the related risks and problems and sought to bridge the ideological divides and professional barriers that have too often undermined effective responses.

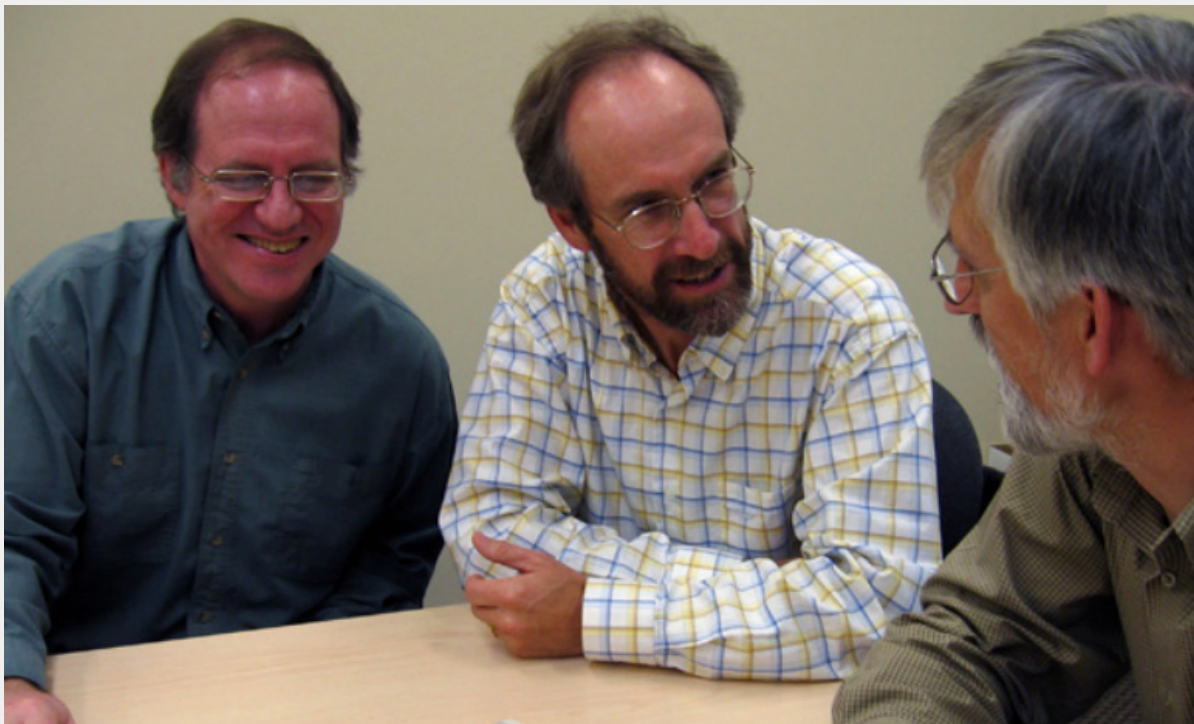
He led the development of a competency-based approach to drug and gambling education. This included the articulation of a set of drug literacy and gambling literacy competencies and the development of a suite of resources to support constructivist education using a variety of dialogic techniques.

Dan's interests included health promotion, dialogue and hermeneutics, theories of knowledge, the philosophy of education, healthy public policy and the phenomenology of psychoactive substance use.





Dan facilitating a community conversation about the opioid crisis, 2018.



Scott Macdonald, Tim Stockwell, and Dan, circa 2005/06.

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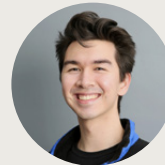
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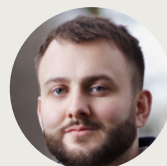
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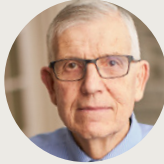
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Not Just Naloxone Summit 2024



First Nations Health Authority

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- Child and Family WISE Lab, Toronto Metropolitan University, Toronto ON
- RAND Corporation, Santa Monica, CA, USA

# COMMUNITY AND GOVERNMENT COLLABORATIONS

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

---

## VICTORIA:

- Aboriginal Coalition to End Homelessness
- AVI Health and Community Services
- Community Social Planning Council
- SOLID Outreach Society
- Surrounded by Cedar Child and Family Services
- Victoria Cool Aid Society
- Victoria Police Department

## VANCOUVER:

- Eastside Illicit Drinkers Group for Education (EIDGE)
- St Paul's Hospital
- Providence Health Centre
- Vancouver Area Network of Drug Users (VANDU)
- Vancouver Coastal Health

## BRITISH COLUMBIA:

- BC Centre for Disease Control
- BC Centre on Substance Use
- BC Liquor and Cannabis Regulation Branch
- BC Liquor Distribution Branch
- BC Ministry for Attorney General
- BC Ministry for Mental Health and Addictions
- BC Ministry of Health
- BC Ministry of Health, Office of the Provincial Health Officer
- BC Ministry of Public Safety & Solicitor General
- BC Support Unit- Vancouver Island Centre
- BC Representative for Children and Youth
- BC Women's Hospital and Health Centre
- BC/Yukon Association of Drug War Survivors
- Coalition of Substance Users of the North (CSUN), Quesnel
- East Kootenay Network of People who Use Drugs
- First Nations Health Authority
- Fraser Health
- Interior Health
- Island Health
- KANDU (Knowledge for All Nations and Developing Unity)
- Lookout Housing and Health Society
- Northern Health
- Port Alberni Shelter Society
- Provincial Health Services Authority (PHSA)
- Public Health Association of British Columbia (PHABC)
- Vancouver Island Mental Health Society
- Vancouver Island University

## REST OF CANADA:

- CAN, Canadian Academy of Health Sciences
- CAN, Canadian Alliance for Sex Work Law Reform
- CAN, Canadian Centre for Justice Statistics (CCJS), Statistics Canada
- CAN, Canadian Centre on Substance Use and Addiction (CCSA),
- CAN, Canadian Institute for Health Information (CIHI)
- CAN, Centre of Excellence on Women's Health (CEWH)
- CAN, Health Canada
- CAN, Mental Health Commission of Canada
- CAN, Public Health Agency of Canada
- CAN, Royal Society of Canada
- ON, Centre for Addiction and Mental Health, Toronto
- ON, Homewood Research Institute, Guelph
- ON, Jean Tweed Centre, Etobicoke
- ON, Ottawa Inner City Health, Ottawa

## INTERNATIONAL:

- Boston University
- Oregon State University
- University of Stirling and Salvation Army Research Unit
- University of New South Wales
- University of Southern California

# BUILDING CAPACITY FOR RESEARCH AND KNOWLEDGE EXCHANGE

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

## OBJECTIVES:

- to maintain or increase the number of substance use research projects through grants and contracts;
- to maintain or increase national and international funding for substance use and health research at CISUR; and
- to maintain or increase projects and funding for knowledge exchange concerning substance use and health promotion at CISUR.

## HIGHLIGHTS

CISUR faculty earned 12 new or renewed competitive grants (5) and contracts (7) during the 2023/24 fiscal year; these are listed below. The total funds from these new grants and contracts was \$2.59 M. A list of projects and amounts from all new and ongoing projects follows in the next section.

## NEW SUCCESSFUL APPLICATIONS TO FUNDING COMPETITIONS

- HEALING GRIEF: TAKING ACTION ON GRIEF EXPERIENCED AMONG HEALTH PROVIDERS AT THE VICTORIA YOUTH CLINIC SOCIETY  
 Vancouver Foundation Field of Interest Participatory Action Research Convene grant, \$19,580, 2023-2025
- IMPLEMENTING AUTOMATED TECHNOLOGIES FOR DRUG CHECKING IN RESPONSE TO THE OVERDOSE CRISIS  
 New Frontiers in Research Fund – Exploration, \$250,000, 2023-2025
- INDIGENOUS YOUTH’S EXPERIENCES OF ACCESSING SEXUAL HEALTH & REPRODUCTIVE CARE AT THE FOUNDRY VICTORIA  
 CIHR Catalyst Grant: Healthy Youth, \$99,047, 2024-2025
- PLANTING THE SEEDS FOR A CULTURALLY CENTRED INTERVENTION FOR INDIGENOUS YOUTH WITH SUBSTANCE USE CHALLENGES: ADAPTING THE NATIVE WELLNESS ASSESSMENT TOOL TO THE COWICHAN VALLEY  
 Island Health Seed Grant, \$7,500, 2023-2024
- UVIC RIGHT TO HOUSING RESEARCH CLUSTER  
 UVIC Research Cluster, \$100,000, 2023-2025.

## NEW COMMISSIONED CONTRACTS WON AND OTHER GRANTS

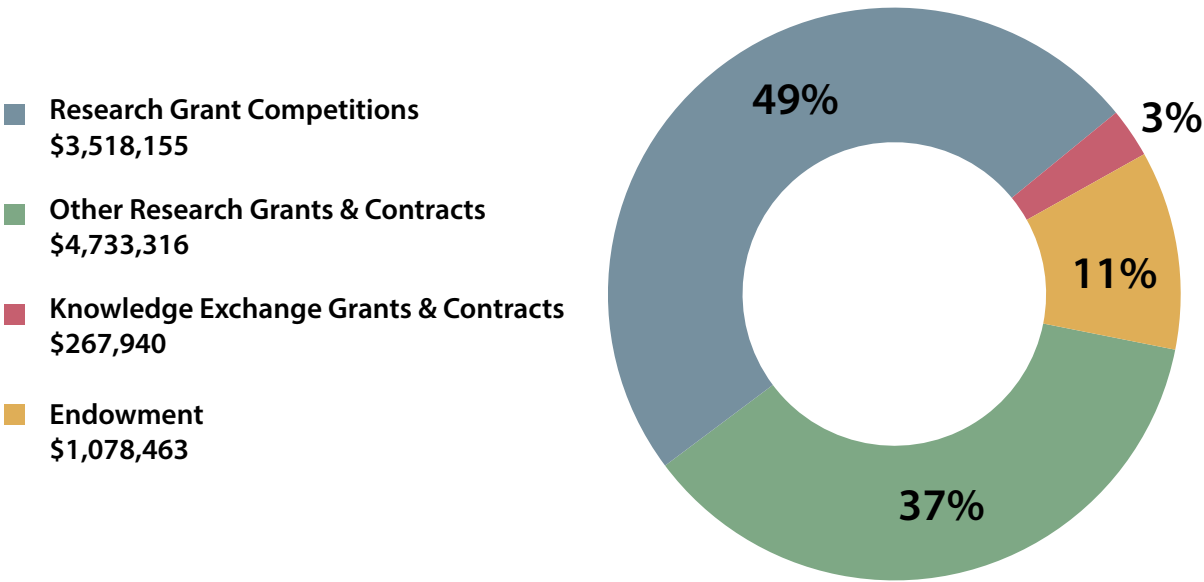
- DRUG CHECKING: A NEW TOOL IN THE TOOLBOX  
 Island Health Authority’s Resiliency and Safety grants, \$50,000, 2023-2024
- PILOT EVALUATION OF THE DECRIMINALIZATION OF SMALL AMOUNTS OF SUBSTANCES IN VICTORIA BC  
 Ministry of Health/University of Victoria Seed Grant Program, \$46,000, 2023-2024
- PROVINCIAL DISSEMINATION OF LOWER RISK CANNABIS USE GUIDELINES FOR YOUTH, BY YOUTH  
 Health Research BC, \$15,000, 2023-2025
- REMOTE TESTING FOR DRUG CHECKING SITES IN BC  
 BC Ministry of Health, \$900,000, 2023-2026
- VANCOUVER ISLAND DRUG CHECKING PROJECT  
 Island Health Authority, \$1,050,000, 2023-2026
- VANCOUVER ISLAND DRUG CHECKING PROJECT SUPPORT  
 Island Health Authority, \$190,000, 2023-2024
- MINIMUM UNIT PRICING FOR ALCOHOL: A VIEW THROUGH THE LENSES OF SOCIAL JUSTICE  
 Ministry of Health, \$50,000 2023-24

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# TOTAL INCOME FOR 2023/24 FROM NEW AND ONGOING PROJECTS AND OTHER SOURCES

The figure below summarizes the various sources of our income which come to a total of approximately \$10 M. The bulk of these funds come from grants (~\$3.5 M) and contracts (~\$4.7 M), with the rest coming from core funding from the endowment and knowledge exchange grants and contracts. The endowment funding includes carryover from the previous year (endowment funding without the carryover was approximately \$0.42 M). We also receive approximately \$80,000 annually in overhead costs.

## CISUR 2023/24 Revenue and Carry-forward Summary







Key Result Area 1: Building Capacity for Research & Knowledge Exchange



2024 Harold Johnson “Changing the Alcohol Story” Award recipient Yvonne Rigsby Jones with CISUR Advisory Board Chair Shelagh Rogers (left), Harold’s widow Joan Johnson (second from right), and CISUR Director Tim Naimi (right)

## THE HAROLD JOHNSON “CHANGING THE ALCOHOL STORY” AWARD

Harold Johnson encouraged us to have the clarity and courage to “change the story” about alcohol, whether through individual awareness and change or through collective action. Harold knew and understood alcohol and its effects in many dimensions: through the communities in which he lived and worked, through the eyes of the criminal justice system in his role as crown prosecutor, through policy advocacy with the Northern Alcohol Strategy, and through his reflections as an acclaimed writer.

The Harold Johnson Award is for an individual who has worked tirelessly and fearlessly to change the story about alcohol in order to prevent or reduce its harmful consequences on people and populations.

### 2024 recipient: Yvonne Rigsby Jones

Yvonne is a member of the Snuneymuxw First Nation who has dedicated 29 years of her professional life to leading Tsow-Tun Le Lum NNADAP Treatment Center, retiring in June 2015. Tsow-Tun Le Lum has long been acknowledged as an innovator and leader in treatment for First Nations people.

Currently Yvonne is working as Class Elder for Simon Fraser University in the Community Capacity Building Program. In May 2023 the program was awarded National Recognition in Continuing Studies in the category of Non-Credit Programming.

She is also a member of the Board of Governors MSW Indigenous Trauma and Resiliency. Faculty of Social Work, University of Toronto. As the first of its kind in North America, this two-



2023 Harold Johnson “Changing the Alcohol Story” Award recipient Jarret Nelson with Joan Johnson and Tim Nami, June 2023.

year Master’s program is dedicated to preparing advanced social work professionals to develop capacity in Indigenous Communities. In addition, she is a team member of Indian Residential School Survivors Society Cultural Support as well as a member of the Survivors Circle, National Centre for Truth and Reconciliation.

Yvonne was presented with the 2024 Harold Johnson Award on June 5, with a gathering at the First Peoples House Ceremonial Hall.

### **2023 recipient: Jarret Nelson**

In June 2023, we presented our inaugural Harold Johnson “Changing the Alcohol Story” Award to Jarret Nelson of Montreal Lake Cree Nation in Saskatchewan (photo above). Jarret accepted the award at First Peoples House at the University of Victoria and spoke about his work rebuilding community through culture & connection to the land.



# ENGAGING ACADEMIC EXPERTISE

*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.*

## OBJECTIVES:

- to attract and retain high quality researchers from a broad range of disciplines to the BC substance use and addictions field;
- to attract and retain high quality students from a broad range of disciplines to the BC substance use and addictions field;
- to empower new researchers to become PIs; and
- to encourage collaborative relationships.

# HIGHLIGHTS

CISUR Scientists, Collaborating Scientists and Research Affiliates are recognized for their leadership in research, knowledge mobilization and public health practice related to substance use. CISUR faculty were active in teaching substance use-relevant courses in online and in-person formats across several disciplines and faculties at UVic. We continue to house and mentor a handful of postdoctoral students, and mentor approximately 20 graduate students. The high quality of our team was acknowledged through several awards during the past year, listed below.

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## HONOURS AND AWARDS

### Marilou Gagnon

- Canadian Association for HIV Research (CAHR)- Canadian Foundation For AIDS Research (CANFAR) Excellence in Research Award (community-based research)

### Tim Stockwell

- Distinguished Scientist Award, International Society for Behavioural Medicine (2023)
- Sir John Foxtan Lecturer, Royal College of Physicians, Edinburgh (2024)



# SCALING UP COMMUNITY DRUG- CHECKING SERVICES IN B.C. COULD HELP RESPOND TO THE OVERDOSE CRISIS

By Piotr Burek and Bruce Wallace

British Columbia is in the midst of an enduring drug overdose crisis that continues to claim hundreds of people every year with no end in sight. With a significant rise in deaths over the last seven years, innovative responses are urgently needed.

Among these responses is community drug checking, which continues to gain traction in both public health practice and research. Drug checking is a harm reduction practice that provides chemical analysis of substances. This is not only to inform harm reduction for people who use, buy and sell drugs (and those who support them), but also to monitor the supply for emerging trends that inform both the community and policymakers about the state of the unregulated supply, which remains volatile, unpredictable and dangerous.

As researchers providing drug checking on Vancouver Island, we see value in exploring new ways to deliver this service to reach more people who use drugs, at a scale required to address the current crisis.

## Drug checking in global perspective

While drug checking has been around since the 1990s, it remains an underused intervention that is often limited in both scope and scale. However, innovations in how and where the service is provided, as well as technological advancements within analytical chemistry and instrumentation, are helping to overcome these limitations.

Internationally, groups like the [Drug Information Monitoring System](#) in the Netherlands have been pioneering drug checking and continuing to inform drug-checking research and practice internationally.

While services in some countries remain beholden by archaic [prohibitory legislative environments that challenge the legality of drug checking](#), others are finding success in embedding drug checking within novel legal frameworks, like [the legalization of drug checking in New Zealand](#).

## Drug checking in Canada

A drug user places a fentanyl test strip into a mixing container to check for contamination, using a fentanyl test strip. (AP Photo/Bebeto Matthews)

In Canada, drug checking has its origins in the festival and rave scene as a grassroots bottom-up response to the harms of an unregulated market. [The oldest drug-checking project has provided critical services at Shambhala Music Festival in Salmo, B.C. for the last two decades.](#)

The success of drug checking in festival settings for [lowering potential harms and highlighting broader trends is now increasingly being evaluated as a response to the overdose crisis in B.C. and other parts of the country.](#)

Drug checking alone is not enough to curb the dramatic increase in drug toxicity deaths in the province and nationally. However, some of its strengths include [generating evidence of trends within the drug supply, as well as evidence for its effectiveness as a harm-reduction measure. It can also be incorporated into other harm reduction programs and methods, including safe supply.](#)

## Substance: The Vancouver Island drug-checking project

Our [research-based service in Victoria, B.C.](#) has spent the last five years developing and evaluating drug-checking service models while conducting



robust multi-disciplinary research in the fields of social work, chemistry, computer science and public health. This research provides evidence to support services that respond to the unique needs of people accessing drug-checking services.

On the chemistry side, our research evaluates and improves analytical technologies and methods, and boosts their effectiveness in detecting fentanyl and other adulterants. Public health research highlights how drug checking goes beyond individualistic responses to act within community, market and policy arenas. This research supports services that respond to the unique needs of people accessing drug-checking services.

## Vancouver Island's unique model of drug checking

In responding to the challenges of scaling up drug-checking services, we developed a unique distributed drug-checking model to increase the reach of these services.

This model aims to fill in gaps in service delivery for diverse communities that are vulnerable to the unregulated drug supply. It also highlights the importance of multidisciplinary research and service design that draws critical insight from multidisciplinary fields to better inform drug-checking services.

Drawing on a network that enables the collection of samples in various locations and communities, our distributed model provides a hybrid, easy-to-use drug-checking program. The program

blends immediate portable drug-checking technologies for timely harm reduction with more comprehensive lab-based technologies that provide greater accuracy of drug composition.

Through the use of specialized spectrometers and test strips distributed at various sites and connected to a central server and database, drug analysis can be done remotely within our central hub. These results get looped back to service users distributed across Vancouver Island who also have the opportunity to receive further analysis at a later time using a lab-based method called paper spray mass spectrometry.

This model responds to the unique challenges of providing critical harm reduction across geographical locations and within different communities. Through the distributed model, we continue to evaluate what works best for whom in the context of an ever-changing drug supply and policy landscape.

Most consumables in Canada have quality controls that help inform purchasing and consumption decisions. People who use drugs and those who support them deserve the same. It is long past time that we respond to the enduring crisis to the magnitude it deserves.

Drug checking everywhere for everyone: is it possible? It is certainly a worthwhile goal with life-saving potential, and we will continue working to achieve it.

This article originally appeared in the *Conversation Canada*.

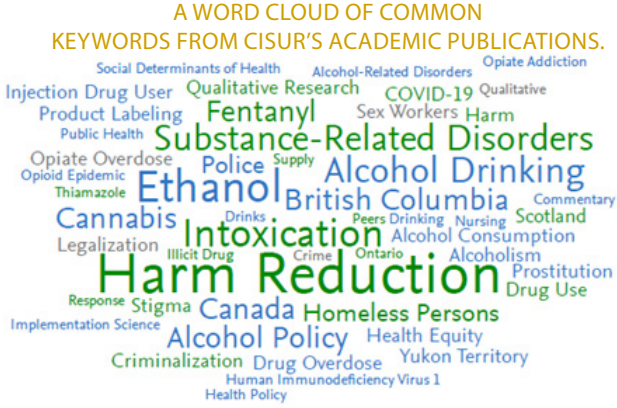
# IMPLEMENTING QUALITY RESEARCH

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

## OBJECTIVES:

- to conduct research on the patterns, distribution, determinants and consequences of substance use in Canada and internationally;
- 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;
- to publish research findings in international peer reviewed journal articles, book chapters, books and research monographs;
- to disseminate research findings through reports, systematic reviews and other resources, nationally and internationally;
- to achieve a high academic impact for CISUR addictions-related research so that it is well known, frequently requested and often cited internationally; and
- to conduct research in the following other key priority areas:
  - 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
  - policy research on the social determinants of substance use among marginalized and stigmatized groups
  - understanding pathways to enhance access to youth substance use services, interventions, and overdose prevention resources
  - substance use patterns and epidemiological analyses of risk and protective factors for substance use and related harms
  - 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, and delivery of knowledge exchange services.



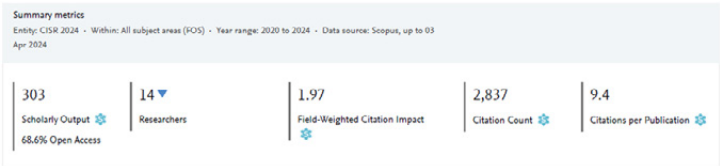


## HIGHLIGHTS

CISUR had another outstanding year for high quality, impactful research projects and scientific output. Major active research projects cover the effect of policies and regulatory interventions, substance use epidemiology, the social determinants of health, harm reduction among those with lived or living experience and/or active substance use disorders, and community engagement and knowledge translation products and evaluations. Overall, there were 59 total ongoing research projects in which CISUR scientists served as principal investigator, plus another 24 projects involving CISUR scientists with non-CISUR PIs; these research projects are listed below in alphabetical order. The word cloud gives a high-level overview of the featured topics of research based on published studies.

Publications are an important measure of research productivity and impact, particularly within the scientific community. During the past year, CISUR scientists co-authored approximately 60 publications. From 2020 through the first part of 2024, CISUR scientists co-authored 303 peer-reviewed manuscripts, with an average of 9.4 citations per manuscript. The average field weighted citation index for these manuscripts was 1.97 (the average for all published manuscripts is 1.0). In addition, the cumulative h-index of these publications was 85, meaning that there were 85 CISUR-authored publications with at least 89 citations.

Approximately 20% of all published manuscripts were in the top 10% of the most cited publications worldwide, and 30% of all publications appeared in the top 10% of journals in terms of impact. For nine out of 10 CISUR research focus areas, the worldwide impact of our publications was above the 90th percentile. Furthermore, reflecting our focus on substance use policy, 17% of publications were cited in government policy documents. Approximately 38% of manuscripts involved international collaborators, and 45% of manuscripts involved national collaborations (i.e., with other researchers in Canada outside of UVic). For additional detail including scientist-specific information, please see Appendix I: Research Analytics at the end of the report.



## A. CISUR PROJECTS

- **ALCOHOL AND OTHER DRUG SCREENING AND EDUCATION**  
**Investigators:** Dyck, T. & Reist, D.  
**Funding body:** BC Mental Health and Substance Use Services  
**Duration of support:** ongoing
- **APPRIISING THE EVIDENCE: A NATIONAL SYMPOSIUM ON UNDERSTANDING THE DIVERSITY OF PEOPLE IN SEX WORK**  
**Investigators:** Benoit, C. (NPA), Mellor, A., & Koenig, B. (co-Is)  
**Funding body:** CIHR Planning and Dissemination Grant.  
**Duration of support:** 2023-2024
- **ASSESSING THE IMPACTS OF THE CANNABIS ACT ON HEALTH- AND CRIME-RELATED OUTCOMES AMONG YOUTH**  
**Investigators:** Callaghan, R. (PI), Asbridge, M., Hathaway, A., & MacDonald, M. (co-Is)  
**Funding body:** CIHR Project Grant  
**Duration of support:** 2022-2024
- **TO ASSESS THE OVERALL COHERENCY OF GOVERNMENT POLICIES RELATED TO LEGAL SUBSTANCES AND PROBLEM GAMBLING USING PUBLIC HEALTH CRITERIA (E.G., BURDEN OF ILLNESS) TO IDENTIFY LEADING PRACTICES AND/OR OPPORTUNITIES TO INFORM MINISTRY STRATEGIC POLICY DEVELOPMENT**  
**Investigators:** Naimi, T. (PI), Vallance, K., Priore, B., & Vishnevsky, N.  
**Funding body:** Ministry of Health  
**Duration of support:** 2022-2023
- **BC COMMUNITY NETWORK OF SUBSTANCE USE OBSERVATORIES: MONITORING AND INFORMING PUBLIC RESPONSES TO DRUG USE**  
**Investigators:** Naimi, T., Pauly, B. (PI), Urbanoski, K., Stockwell, T., Reist, D., Wallace, B., Shahram, S., Lachowsky, N., Sherk, A., & Buxton, J.  
**Funding body:** Health Canada, Substance Use and Addiction Program  
**Duration of support:** 2019-2024
- **BC PARTNERS EVALUATION**  
**Investigators:** Reist, D. & Norman, T.  
**Funding body:** BC Mental Health and Substance Use Services, a program of the Provincial Health Services Authority  
**Duration of support:** Ongoing
- **BC PUBLIC HEALTH OFFICER ALCOHOL REPORT**  
**Investigators:** Naimi, T. (PI), Zhao, J., Farkouh, E., & Price, T.  
**Funding body:** BC Ministry of Health  
**Duration of support:** 2023-2024
- **CANADIAN SUBSTANCE USE COSTS AND HARMS PROGRAM (CSUCH)**  
**Investigators:** Stockwell, T., Kent, P. (co-PIs), Sherk, A., Biggar, E., Dorocicz, J., Zhao, J., Churchill, S., Giwa, A., Malam, R., McGreer, N., Payer, D., & Ziv, A.  
**Funding body:** Health Canada and Canadian Centre on Substance Use and Addiction (CCSA)  
**Duration of support:** 2016-2024

- DEVELOPING METHODOLOGIES FOR THE ALCOHOL-RELATED DISEASE IMPACT SYSTEM**

**Investigators:** Naimi, T. & Sherk, A. (co-PAs)  
**Funding body:** United States Centers for Disease Control and Prevention  
**Duration of support:** 2020-2024
- DEVELOPMENT OF A WEB APP FOR THE COMMUNICATION OF ALCOHOL HEALTH RISKS**

**Investigators:** Naimi, T. (PI), Sherk, A., Stockwell, T., Johal, P., Cowan, A., & Vallance, K.  
**Funding body:** Health Canada’s Substance Use and Addiction Program  
**Duration of support:** 2022-2027
- DRUG CHECKING: A NEW TOOL IN THE TOOLBOX**

**Investigators:** Wallace, B. & Hore, D. (co-PAs)  
**Funding body:** Island Health Authority’s Resiliency and Safety grants  
**Duration of support:** 2023-2024
- DRUG CHECKING: ENHANCING SCALABILITY TO EFFECT SYSTEMS CHANGE**

**Investigators:** Wallace, B., Hore, D. (co-PAs) Cartwright, J., Davison, C., Jensen, K., Pauly, B., Stanwick, R., Tupper, K., & Willson, R.  
**Funding body:** Vancouver Foundation  
**Duration of support:** 2021-2024
- ESTIMATES OF ALCOHOL-ATTRIBUTABLE DEATHS AND YEARS OF POTENTIAL LIFE LOST IN THE UNITED STATES AND ANALYTIC METHODS**

**Investigators:** Naimi, T. (PI) & Sherk, A.  
**Funding body:** Centers for Disease Control and Prevention (USA)  
**Duration of support:** 2021-2024
- EVALUATING CANNABIS SUBSTITUTION ON THE HEALTH AND WELL-BEING OF PARTICIPANTS IN MANAGED ALCOHOL PROGRAMS**

**Investigators:** Pauly, B. (PI), Goulet-Stock, S., & Stockwell, T. (co-Is)  
**Funding body:** Health Canada (Substance Use and Addictions Program)  
**Duration of support:** 2022-2024
- AN EVALUATION OF ALTERNATIVE METHODS OF PRESENTING HEALTH RISKS OF ALCOHOL TO YOUNG ADULTS**

**Investigators:** Stockwell, T., Priore, B., Goulet-Stock, S., & Naimi, T.  
**Funding body:** CISUR  
**Duration of support:** 2021-2023
- THE FEASIBILITY AND EFFECTIVENESS OF CANNABIS FOR ALCOHOL SUBSTITUTION FOR MANAGED ALCOHOL PROGRAM PARTICIPANTS**

**Investigators:** Pauly, B., Stockwell, T., & Goulet-Stock, S.  
**Funding body:** Health Canada, Substance Use and Addictions Program  
**Duration of support:** 2022-2024
- FENTANYL DETECTION IN STIMULANTS: A PILOT IN THREE MEXICAN CITIES**

**Investigators:** Arredondo, J. (PI), Garcia, A., Garcia, L., Gonzalez, P., Chaves, A., & Zwitser, G.  
**Funding body:** Centro de Investigación y Docencia Económicas (CIDE) Programa de Política de Drogas (PPD)

- **HEALING GRIEF: TAKING ACTION ON GRIEF EXPERIENCED AMONG HEALTH PROVIDERS AT THE VICTORIA YOUTH CLINIC SOCIETY**

**Investigators:** Justice, R. (PI), **Mellor, A.** (PI), & **Benoit, C.** (co-I)

**Funding body:** Vancouver Foundation - Field of Interest Participatory Action Research Convene grant

**Duration of support:** 2023-2025

- **HEALTHY MINDS | HEALTHY CAMPUSES**

**Investigators:** **Reist, D., Dyck, T.**

**Funding body:** BC Mental Health and Substance Use Services, a program of the Provincial Health Services Authority

**Duration of support:** ongoing

- **HERE TO HELP (INFORMATION PRODUCTS)**

**Investigator:** **Norman, T.**

**Funding body:** BC Mental Health and Substance Use Services, a program of the Provincial Health Services Authority

**Duration of support:** ongoing

- **HOMELESS RESEARCH KNOWLEDGE EXCHANGE**

**Investigators:** **Pauly, B.** (PI) **Wallace, B.,** Curran, D., Sweetman, S., & Daly, K. (co-Is)

**Funding body:** University of Victoria Strategic Framework Impact Fund

**Duration of support:** 2021-2023



Francesca Brivio of Peru's Project Soma (far right) delivers a presentation to CISUR researchers as part of a research exchange trip to BC.

- IMPACT OF ALCOHOL LABELLING ON HEALTH OUTCOMES IN CANADA

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

**Funding body:** Health Canada

**Duration of support:** 2022-2023

- IMPACT OF MARIJUANA POLICIES ON ALCOHOL USE AND ALCOHOL-RELATED MORTALITY

**Investigator:** Naimi, T. (PI)

**Funding body:** National Institute on Alcohol Abuse and Alcoholism, National Institutes of Health (USA)

**Duration of support:** 2018-2024

- IMPLEMENTING AUTOMATED TECHNOLOGIES FOR DRUG CHECKING IN RESPONSE TO THE OVERDOSE CRISIS

**Investigators:** Hore, D. (NPI), Wallace, B. (co-PA) Storey, M.A. (co-A) Allison, S., Hewitt, W., Payer, D., Strosher, H., Tupper, K., & Willson, M. (Collaborators)

**Funding body:** New Frontiers in Research Fund: Exploration

**Duration of support:** 2023-2025



From left: Jaime Arredondo, Teddy the dog, Bernie Pauly, Northeastern University's Leo Beletsky, Karen Urbanoski and Bruce Wallace. Beletsky visited Victoria in November 2023.

- INDIGENOUS YOUTH'S EXPERIENCES OF ACCESSING SEXUAL HEALTH & REPRODUCTIVE CARE AT THE FOUNDRY VICTORIA**

**Investigators:** **Benoit, C.** (NPA), Pambrun, N. (PKU), Langton, J. (KU), **Mellor, A.**, Hubert, J., Lavan, J., Lawlor, R., Pooyak, S., & Turnbull, H.

**Funding body:** CIHR Catalyst Grant: Healthy Youth

**Duration of support:** 2024-2025
- A MIXED METHODS EVALUATION OF SAFER SUPPLY INITIATIVES TO REDUCE ILLICIT DRUG OVERDOSE IN BC**

**Investigators:** **Urbanoski, K., Pauly, B.**, Nosyk, B., **Slaunwhite, A.K., Barker, B.** (NPAs), **Arredondo, J.**, Burmeister, C., Giesinger, W., **Kolla, G.**, Nicholls, T., Reddon, H., Tupper, K., **Beck McGreevy, P., Buxton, J., Greer, A.**, Lock, K., Norton, A., Sutherland, C., **Wallace, B.**, Brar, R., Davison, C., **Hobbs, H.**, Meilleur, L., Palis, H., Thomson, E., & Wieman, C. (co-PAs)

**Funding body:** CIHR Project Grant

**Duration of support:** 2022-2026
- MODELLING THE RELATIONSHIP BETWEEN TAX AND PRICE POLICIES AND IMPACTS ON ALCOHOL CONSUMPTION AND HARMS IN DIFFERENT SOCIO-ECONOMIC GROUPS IN CANADA**

**Investigators:** **Stockwell, T., Sherk, A., Naimi, T., & Churchill, S.**

**Funding body:** Public Health Agency of Canada

**Duration of support:** 2022-2023
- MONITORING AND INFORMING PUBLIC HEALTH RESPONSES TO SUBSTANCE USE (BC COMMUNITY NETWORK OF SUBSTANCE USE OBSERVATORIES) AKA BC CO/LAB**

**Investigators:** **Pauly, B.** (PI), **Urbanoski, K., Stockwell, T., Reist, D., Wallace, B., Shahram, S., Lachowsky, N., Sherk, A., & Buxton, J.**

**Funding bodies:** Health Canada

**Duration of support:** 2019-2024
- NORTH-SOUTH LESSONS IN SUBSTANCE USE: EXPANDING BEST PRACTICES IN HARM REDUCTION BEYOND CANADA (CANADA RESEARCH CHAIR IN SUBSTANCE USE AND HEALTH POLICY)**

**Investigator:** **Arredondo, J.** (PI)

**Funding body:** Canadian Institutes of Health Research (CIHR)

**Duration of support:** 2021-2026
- 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- 2023
- PERINATAL COLLABORATIVE COMMUNITY LABORATORY ON SUBSTANCE USE AND HARM REDUCTION: THE MOTHERING CO/LAB**

**Investigators:** **Shahram, S.** (NPA), **Urbanoski, K.** (PA), Phillips, G., Pierre, S., **Pauly, B.**, Horsethief, C., Ndumbe-Eyoh, S.

**Funding body:** SSHRC, Race, Gender and Diversity Initiative

**Duration of support:** 2022-2025
- PILOT INTEGRATION OF MIDWIVES INTO A COMPREHENSIVE PRIMARY CARE SETTING**

**Investigators:** **Benoit, C.** (NPA), **Mellor, A.**, Victoria Youth Clinic Society in Victoria (Community Partner)

**Funding body:** The Foundation for Advancing Family Medicine - Sectoral Workforce Solutions Program. Employment and Social Development Canada

**Duration of support:** 2022-2025



CISUR director Tim Naimi (standing) delivers a speech during CISUR's 20th anniversary party in October 2023.

- PILOT EVALUATION OF THE DECRIMINALIZATION OF SMALL AMOUNTS OF SUBSTANCES IN VICTORIA BC

**Investigators:** Naimi, T. (lead), Urbanoski, K., & Arredondo, J.

**Funding body:** Victoria Seed Grant Program

**Duration of support:** 2023-2024
- PROVINCIAL DISSEMINATION OF LOWER RISK CANNABIS USE GUIDELINES FOR YOUTH, BY YOUTH

**Investigators:** Benoit, C. (NPA), Langton, J. (co-PI), Barbic, S., Card, K., Naimi, T., Koenig, B., Nixon, D. (co-I), & Mellor, A. (Trainee)

**Funding body:** Health Research BC

**Duration of support:** 2023-2025
- PLANTING THE SEEDS FOR A CULTURALLY CENTRED INTERVENTION FOR INDIGENOUS YOUTH WITH SUBSTANCE USE CHALLENGES: ADAPTING THE NATIVE WELLNESS ASSESSMENT TOOL TO THE COWICHAN VALLEY

**Investigators:** MacKenzie, J. (co-PI), Mellor, A. (PI), & Benoit, C. (co-I)

**Funding body:** Island Health Seed Grant

**Duration of support:** 2032-2024
- PROVINCIAL EVALUATION OF PRESCRIBED SAFER SUPPLY

**Investigators:** Urbanoski, K. (co-PI), Pauly, B. (co-PI), Barker, B. (co-PI), Noysk, B. (co-PI), Arredondo, J., Carter, C., Greer, A., Kerr, T., Kolla, G., Naimi, T., Nicholls, T., Reddon, H., Wallace, B., Sutherland, C., Hobbs, H., Brar, R., Shah, S., Kerr, A., Medhurst, K., Glynn, K., Issac-Mann, S., Meilleur, L., Wieman, N., Norton, A., Tousevard, N., Thomson, E., Spence, H., Wilson, M., Geisinger, W., & Wood, S.

**Funding body:** Ministry of Mental Health and Addictions

**Duration of support:** 2022-2024
- THE POTENTIAL IMPACT OF ALCOHOL MINIMUM UNIT PRICING AND ALCOHOLIC BEVERAGE LABELLING AS A CANCER PREVENTION INTERVENTION IN CANADA, BY SOCIOECONOMIC STATUS, AT THE NATIONAL, PROVINCIAL AND TERRITORIAL LEVELS

**Investigators:** Stockwell, T. (PI), Cukier, S., de Groh, M., Haligan, M., Hobin, E., McEachran, J., Naimi, T., Sherk, A., Shield, K., & Thomas, G.

**Funding body:** CIHR Catalyst Grant

**Duration of support:** 2022-2024
- REALIZING THE RIGHT TO HOUSING: THE HOUSING JUSTICE PROJECT

**Investigators:** Pauly, B. (NPI), Gibson, D., Chaland, N., Swain, S., Cujeko, M., & Sweetnam, S.

**Funding body:** Vancouver Foundation Participatory Action Research Grant

**Duration of support:** 2022-2025



- REDUCING ALCOHOL-RELATED HARM FOR PEOPLE EXPERIENCING HOMELESSNESS AND HOUSING INSTABILITY DURING COVID19: A VANCOUVER ISLAND CASE STUDY**

**Investigators:** Pauly, B. (PI), Stockwell, T., & Goulet-Stock, S. (co-Is)  
**Funding body:** Victoria Hospitals Foundation  
**Duration of support:** 2021-2024
- REMOTE TESTING FOR DRUG CHECKING SITES IN BC**

**Investigator:** Wallace, B. (PI)  
**Funding body:** Ministry of Health  
**Duration of support:** 2023-2026
- STRENGTHENING SAFETY NETS TO IMPROVE ACCESS TO SUBSTANCE USE AND MENTAL HEALTH SERVICES TO OPTIMIZE YOUTH-DETERMINED HEALTH AND WELLNESS**

**Investigators:** Benoit, C. (NPA), Cloutier, D., Surrounded by Cedar Child and Family Services (SCCFS), Victoria Youth Clinic Society (VYCS) (co-Is), Mellor, A. (Trainee/Post-doctoral fellow), BC Representative for Children and Youth (RCY), (co-Knowledge Users), Premji, Z., Naimi, T. (Collabs.), & Koenig, B. (Research Assistant)  
**Funding body:** Michael Smith Health Research BC - Convene and Collaborate, SSHRC Partnership Engagement Grant Banting Postdoctoral Fellowship, CIHR  
**Duration of support:** 2023-2025
- A SYSTEMATIC REVIEW AND META-ANALYSIS OF CASE-CONTROL AND COHORT STUDIES ON ALCOHOL USE AND INCIDENCE/MORTALITY RISK OF PANCREATIC CANCER**

**Investigator:** Zhao, J.  
**Funding body:** CISUR Endowment Fund  
**Duration of support:** 2023-2025
- UNDERSTANDING PATHWAYS TO ENHANCE ACCESS TO YOUTH SUBSTANCE USE SERVICES, INTERVENTIONS, AND OVERDOSE PREVENTION RESOURCES IN VICTORIA, BC**

**Investigators:** Benoit, C. (NPA), Cloutier, D., Surrounded by Cedar Child and Family Services (co-Is), Mellor, A. (Trainee), BC Representative for Children and Youth (RCY), Victoria Youth Clinic Society (VYCS) (Co-Knowledge Users), & Premji, Z. (Collabs.)  
**Funding bodies:** Michael Smith Health Research BC. Convene and Collaborate, Canadian Institute for Substance Use Research  
**Duration of support:** 2022-2024
- UPDATING, OPTIMIZING AND EXPANDING THE CANADIAN ALCOHOL POLICY EVALUATION (CAPE) PROJECT**

**Investigators:** Naimi, T., Giesbrecht, N., Stockwell, T., (co-PIs), Asbridge, M., Callaghan, R., Gagnon, M., Mann, R., Shelley, J., Sherk, A., Shield, K., Solomon, R., & Thompson, K. (co-Is)  
**Funding body:** Health Canada (Substance Use and Addictions Program)  
**Duration of support:** 2022-2027

- **UVIC RIGHT TO HOUSING RESEARCH CLUSTER**  
**Investigators:** Pauly, B. (NPI), Masuda, J. (NPI), Cloutier, D., Curran, C., Wallace, B., Swain, S. Daly, K., Sweetnam, S.  
**Funding body:** UVIC Research Cluster  
**Duration of support:** 2023-2025
- **VANCOUVER ISLAND DRUG CHECKING PROJECT**  
**Investigators:** Hore, D. & Wallace, B. (co-PAs)  
**Funding body:** Canadian Centre on Substance Use and Addiction  
**Duration of support:** 2023-2026
- **VANCOUVER ISLAND DRUG CHECKING PROJECT SUPPORT**  
**Investigators:** Hore, D. (PA) & Wallace, B. (PA)  
**Funding body:** Island Health Authority  
**Duration of support:** 2023-2024
- **VISIONS: BC'S MENTAL HEALTH AND SUBSTANCE USE JOURNAL**  
**Investigator:** Norman, T.  
**Funding body:** BC Mental Health and Substance Use Services, a program of the Provincial Health Services Authority  
**Duration of support:** ongoing



## B. CISUR AFFILIATED PROJECTS

- ADDRESSING THE HARMS OF COVID-19 ON THE HEALTH OF THE CANADIAN HEALTH WORKFORCE: EVALUATION OF AN EVIDENCE-INFORMED, MULTI-LEVEL INTERVENTION STRATEGY

**Investigators:** Bourgeault, I. (NPA), **Benoit, C.**, Atanackovic, J., Corrente, M., & McMillan, M. (co-PIs)  
**Funding body:** CIHR Operating Grant: Addressing the Wider Health Impacts of COVID-19.  
**Duration of support:** 2022-2024

- ASPIRATION CLUSTER IN MENTAL HEALTH

**Investigators:** Caruncho, H., (Lead) Ames, M., **Arredondo, J.**, Bradley, M., Clark, N., Costigan, C., Gair, J., Garcia-Barrera, M., Gawryluk, J., Krigolson, O., **Naimi, T.**, Paterson, T., Stajduhar, K., Slemon, A., Swayne, L-A., Tremblay, ME., Turner, B., **Urbanoski, K.**, Willerth, S., & Woodend, J.  
**Funding body:** University of Victoria, Aspiration Research Cluster Program  
**Duration of support:** 2022-2025

- ASSESSING THE IMPACT OF MINIMUM UNIT PRICING ON HOMELESS AND STREET DRINKERS: A QUALITATIVE STUDY

**Investigators:** Elliott, L., Emslie, C. (co-PIs), Whiteford, M. (lead researcher), **Stockwell, T.**, Dimova, E., Johnsen, S., Whittaker, A., Smith, I., Rush, R., & Homeless Network Scotland.  
**Funding body:** Scottish Government’s Chief Scientist Office (CSO)  
**Duration of support:** 2019-2023

- CAREGIVING FOR VULNERABLE AND MARGINALIZED OLDER ADULTS AT THE END OF LIFE

**Investigators:** Stajduhar, K. (PI), Black, F.M., Chou, F., Colgan, S., Dosani, N., **Gagnon, M.**, Gerke, J.B., Jakubec, S.L., McNeil, R., Sawatzky, R., & Thorne, S.E.  
**Funding body:** CIHR Operating Grant  
**Duration of support:** 2020-2024

- CENTERING YOUNG PEOPLE’S VOICE: A COLLABORATIVE COMMUNITY-BASED MIXED METHODS STUDY OF SUBSTANCE USE, HARM REDUCTION AND SAFER SUPPLY AMONG YOUNG PEOPLE WHO USE DRUGS IN BRITISH COLUMBIA

**Investigators:** Barker, B. (NPI), co-PIs: Fast, D., **Pauly, B.**, Nosyk, B., **Slaunwhite, A.**, **Urbanoski, K.**, **Beck-McGreevy, P.**, **Hogan, K.**, Krebs, E., **Macevicius, C.**, Palis, H., Piske, M., Norton, A., & Thomson, E. (co-PIs)  
**Funding body:** Office of the Representative for Youth and Children  
**Duration of Support:** 2012-2023

- DEVELOPING SOCIAL CONNECTION GUIDELINES TO HELP CANADIANS BUILD HAPPIER, HEALTHIER, AND MORE INCLUSIVE COMMUNITIES IN THE LATE PANDEMIC PERIOD

**Investigators:** **Benoit, C.**, **Card, K.**, Chen, F., & Nicholson, V. (PAs)  
**Funding body:** CIHR Project Grant  
**Duration of support:** 2022-2027

- DRUG-CHECKING SERVICES PILOT EXCHANGE PROGRAM

**Investigators:** Bichler, L. (PA) Airth, L. (co-A), **Burek, P.**, **Hore, D.**, & **Wallace, B.**  
**Funding body:** CIHR Project Grant  
**Duration of support:** 2022-2027

- DRUG DECRIMINALIZATION IN BRITISH COLUMBIA: AN EQUITY ORIENTED QUALITATIVE RESEARCH PROJECT

**Investigators:** **Buxton, J.**, Crabtree, A., Farrell, J., Lock, K., **Pauly, B.**, **Shahram, S.**, **Urbanoski, K.**, Van Veen, C., Wood, B., & Zakimi, N.  
**Funding body:** CIHR Project Grant  
**Duration of support:** 2023-2026

- ESTIMATING THE VALUE AND LONG-TERM IMPACT OF IMPLEMENTING RISK MITIGATION GUIDANCE TO REDUCE THE HARMS OF SUBSTANCE USE DISORDERS DURING THE COVID-19 PANDEMIC: A SIMULATION MODELING ANALYSIS

**Investigators:** Irvine, M.A., Krebs, E. Nosyk, B., **Slaunwhite, A.K.** (co-PIs), Coombs, D., Lock, K., Otterstatter, M.C., Palis, H., **Pauly, B.**, & **Urbanoski, K.**

**Funding body:** CIHR Project Grant

**Duration of support:** 2021-2024
- EVALUATING PRESCRIBED SAFER SUPPLY AMONG FORMERLY INCARCERATED PERSONS DURING AN OVERDOSE PUBLIC HEALTH EMERGENCY

**Investigators:** **Slaunwhite, A.**, Palis, H. (Leads), Korchinski, M., Brown, H., Young, S., **Pauly, B.**, **Urbanoski, K.**, Greer, A., Lock, K., & Nicholls, T.

**Funding body:** Health Canada Substance Use and Addictions Program

**Duration of support:** 2022-2023
- HART CENTER(ED): HARM REDUCTION TEAM FOR SUBSTANCE INITIATIVES AND EDUCATION

**Investigators:** Bichler, L. (PA), Bottorff, J., **Hore, D.**, Kenedy, M.-C., Oelke, N., **Wallace, B.**, **Walsh, Z.**, Airth, L., Baharuddin, F., Cates, J., Feddersen, M., Matthews, J., Sage, C.

**Funding body:** CIHR, Strategy for Patient Oriented Research Catalyst Grant

**Duration of support:** 2023-2024
- HEALTHY PROFESSIONAL/KNOWLEDGE WORKERS: EXAMINING THE GENDERED NATURE OF MENTAL HEALTH ISSUES, LEAVES OF ABSENCE & RETURN TO WORK EXPERIENCES FROM A COMPARATIVE PERSPECTIVE

**Investigators:** Bourgeault, I. (NPA), **Benoit, C.** (co-Lead), et al.

**Funding body:** SSHRC/CIHR Partnership Grant

**Duration of support:** 2018-2024
- THE IMPACT OF ALCOHOL LABELLING ON BEHAVIOUR, KNOWLEDGE, AND SUPPORT: A SYSTEMATIC REVIEW

**Investigators:** Zuckermann, A., Morissette, K., Boland, L., Garcia, A., Domingo, F., **Stockwell, T.**, & **Hobin, E.**

**Funding body:** Public Health Agency of Canada

**Duration of support:** 2021-2023
- IMPLEMENTATION AND EVALUATION OF AN INDIGENOUS-SPECIFIC MANAGED ALCOHOL PROGRAM FOR THE HOMELESS INDIGENOUS POPULATION IN CALGARY, ALBERTA AND VICTORIA

**Investigators:** Milaney, K. (Nominated PI), Nixon, L., **Pauly, B.** (co-Is), in collaboration with Calgary Aboriginal Standing Committee on Homelessness and Aboriginal Coalition to End Homelessness (Victoria, BC).

**Funding body:** CIHR Operating Grant

**Duration of support:** 2020-2023

- IMPLICATIONS OF STATE ALCOHOL POLICY FOR COLLEGE STUDENTS' BINGE DRINKING, SUICIDAL BEHAVIOR AND SEXUAL VICTIMIZATION**

**Investigators:** Kerr, D. (PI) & **Naimi, T.** (co-I)

**Funding body:** National Institute for Alcohol Abuse and Alcoholism

**Duration of support:** 2023-2025
- A MANAGED ALCOHOL PROGRAM FOR AUSTRALIA**

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

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

**Duration of support:** 2019-2024
- MAPPING SURVEILLANCE IN HARM REDUCTION: A NEW MATERIALIST ANALYSIS OF EMERGING PRACTICES, TECHNOLOGIES, AND PARTNERSHIPS**

**Investigators:** Guta, A. (PI), **Gagnon, M.**, Strike, C., & van der Meulen, E.

**Funding body:** SSHRC Insight Grant

**Duration of support:** 2024-2027
- MARGINALIZATION & COVID-19 (MARCO): PROMOTING OPPORTUNITIES FOR LEARNING & OUTREACH**

**Investigators:** Bayoumi, A. (NPA), Boucher, L., Dodd, Z., Durbin, A., Firestone, M., Hayman, K., Issacs, B., **Kolla, G.**, Matheson, F., Steer, L., Yakubovich, A., Young, S. (PAs), Beder, M., Brothers, T., Dobrow, M., Du Mont, J., Holness, L., Huijbregts, M., Hwang, S., Hynie, M., Kendall, C., Kenny, K., Long, C., Maguire, J., Nisenbaum, R., Shankardass, K., Strike, C., & Walker, D. (co-As)

**Funding body:** CIHR Operating Grant: Emerging COVID-19 Research Gaps & Priorities

**Duration of support:** 2022-2023
- ONTARIO'S OPIOID DRUG OBSERVATORY: GENERATING EVIDENCE ON THE EVOLVING OPIOID CRISIS TO INFORM AND EVALUATE DRUG POLICY AND CLINICAL PRACTICE**

**Investigators:** Gomes, T. (PI), Antoniou, T., Bayoumi, A., Caudarella, A., Clarke, H., Juurlink, D., **Kolla, G.**, Leece, P., Mamdani, M., Paterson, M., Sproule, B., & Tadrous, M. (co-Is)

**Funding body:** CIHR Project Grant

**Duration of support:** 2021-2024
- A PROPOSAL TO EVALUATE SAFER SUPPLY PILOT PROGRAMS IN CANADA**

**Investigators:** Werb, D. (NPA), Boyd, J., Brunelle, C., Hyshka, E. (PAs), Bertrand, K., Bonn, M., Bowles, J., Kennedy, M.C., **Kolla, G.**, Touesnard, N., Strike, C., Guta, A., **Pauly, B.**, **Urbanoski, K.**, Herder, M., Gomes, T.

**Funding body:** CIHR Operating Grant: Evaluation of Harm Reduction Approaches to Address the Opioid Crisis in the Context of COVID-19

**Duration of support:** 2021-2025
- A PROPOSAL TO EVALUATE SAFER SUPPLY PROGRAMS IN CANADA**

**Investigators:** Werb, D. (NPA), Boyd, J., Brunelle, C., Hyshka, E., Kennedy, M.C., Bertrand, K., **Kolla, G.**, Bowles, J., Strike, C., Guta, A., **Pauly, B.**, **Urbanoski, K.** (Collaborators), Herder, M., Gomes, T., Touesnard, N., & Bonn, M.

**Funding body:** CIHR

**Duration of support:** 2021-2025
- SUBSTANCE EXCHANGE: DRUG-CHECKING SERVICES PILOT EXCHANGE PROGRAM**

**Investigators:** Bichler, L. (NPA), Airth, L. (co-A), **Burek, P.**, **Hore, D.**, & **Wallace, B.**

**Funding body:** UBC Health After 2020

**Duration of support:** 2023

# CHEERS TO HEALTH? UNCOVERING MYTHS AROUND THE HEALTH BENEFITS OF MODERATE DRINKING

By James Clay and Tim Stockwell

The notion that enjoying a casual beer or sipping on your favourite wine could not only be harmless but actually beneficial to one's health is a tantalizing proposition for many. This belief, often backed by claims of research findings, has seeped into social conversations and [media headlines](#), painting moderate alcohol consumption in a positive light.

As researchers at the Canadian Institute for Substance Use Research, we find ourselves frequently revisiting this topic, delving deep into the evidence to separate fact from wishful thinking. Can we confidently say, "Cheers to health?"

## Unpacking beliefs about moderate drinking

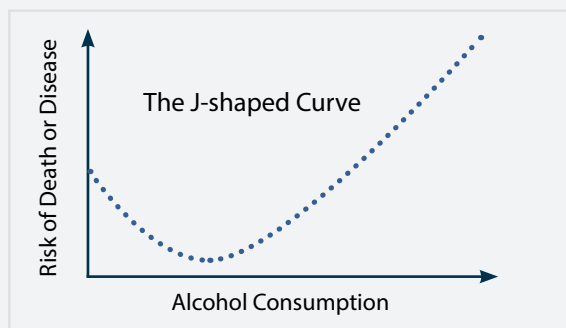
The [commonplace belief](#) that moderate drinking can be beneficial to health can be traced back to the 1980s when researchers found an association suggesting that French people were less likely to suffer from heart disease, despite eating a diet high in saturated fat.

This contradiction was thought to be explained by the assumption that the [antioxidants and alcohol found in wine](#) might offer health benefits, leading to the term "[French paradox](#)."

This concept reached a broader audience in the 1990s, following a segment on the American news show 60 Minutes which had a [profound impact on wine sales](#). Later research [expanded](#)

[on this idea](#), suggesting that frequently drinking small amounts of any type of alcoholic beverage might be good for health.

This idea was formalized into what is now known as the [J-shaped curve hypothesis](#). Put simply, the J-shaped curve is a graphical representation of the apparent relationship between alcohol consumption and death or disease. According to this model, abstainers and heavy drinkers are at higher risk of certain conditions, [such as heart disease](#), compared to moderate drinkers, whose risk is lower.



## Current perspectives on moderate drinking

People used to think that tobacco use was good for health, [historically describing it as a remedy for all disease](#). As scientific understanding has advanced, however, tobacco use has been increasingly recognized as a [leading cause of preventable disease and death](#).

Like tobacco, alcohol was once used in medicine and has since become recognized as a [major cause of preventable mortality and illness](#). For instance, recent global estimates suggest [alcohol is responsible for 5.3 per cent of all deaths](#).

Furthermore, in Canada, the revenue generated from selling alcohol does not come close to covering the damage it causes, leaving the government [\\$6.20 billion short every year](#). However, much of these costs can be attributed to heavy drinking.

So where does this leave moderate drinkers? We recently set out to answer this question by analyzing data from over 4.8 million people from more than 100 studies, covering more than 40 years.

We found that many studies exaggerate the benefits of moderate drinking due to methodological flaws known as [selection biases](#). No matter if we [analyzed the studies as one big group](#), using statistical methods to try and lessen these mistakes, or if [we separated the good studies from the not-so-good ones](#), one thing was clear: moderate alcohol consumption does not appear to offer the health benefits once believed.

## Explaining the contradiction

Selection biases represent data distortions caused by how research participants are selected. Such biases lead to unfair comparisons between groups, which skews analyses towards finding a J-shape curve. Essentially, it is like comparing two runners in a race, where one wears heavy boots and the other wears lightweight running shoes. Concluding that the second runner is more talented misses the point; it is not a fair comparison.

Here are five examples of selection bias in the context of the alcohol J-shaped curve which can accumulate as people age:

1. [Poor health, less alcohol](#). As health declines, especially in older age, people often reduce their alcohol consumption. Not distinguishing between those who cut back or quit for health reasons can falsely indicate that moderate drinking is healthier.
2. [Unhealthy lifetime abstainers](#). Comparing moderate drinkers with individuals who have never consumed alcohol due to chronic health issues may falsely attribute health advantages to alcohol consumption.
3. [Moderate in other ways](#). Moderate drinkers often lead balanced lifestyles in other areas, too, which may contribute to their perceived

better health. It is not just moderate drinking, but also their healthier overall opportunities and choices, such as better health-care access and self-care, that make them seem healthier.

4. [Measurement error](#). Assessing alcohol consumption over a short period of time, like a week or less, can lead to a misclassification of drinkers. Heavy drinkers who happened to not consume alcohol during the week of assessment would be incorrectly classified as abstainers, for example.
5. [Early alcohol-attributable deaths](#). The inevitable exclusion of individuals who may have died from alcohol-related causes before a study of older people starts can result in a “healthy survivor” bias, overlooking the earlier detrimental effects of alcohol.

## Continuing the conversation

We should be skeptical of results suggesting that moderate drinking is healthy because selection biases can muddy the waters. For instance, multiple implausible J-shape curve relationships have been published, [including between moderate drinking and liver disease](#).

We are well aware that this news might not be what you were hoping to hear. [It might even stir up feelings of unease or skepticism](#). For many people, limited alcohol consumption is [enjoyable](#). However, it is not without risk and it is important for people to understand these risks to make informed decisions about their health.

The risks are reflected in the 2023 [Canadian Drinking Guidance](#). The guidance attempts to “meet people where they are at,” suggesting that one to two drinks per week represent a low risk of harm, three to six drinks a week represent a moderate risk, and seven or more drinks a week represent an increasingly high risk. Ultimately, they enable people to make informed decisions that best suit their health and well-being.

This article originally appeared in the [Conversation Canada](#).

# DISSEMINATING AND MOBILIZING KNOWLEDGE

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

## OBJECTIVES:

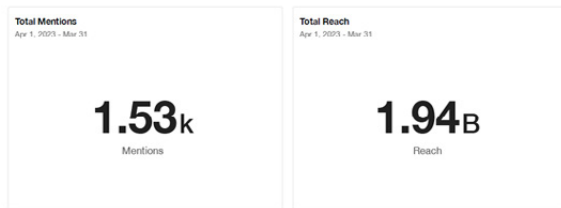
- to conduct seminars, workshops, lectures and occasional conferences on related policy, practice and research; these can be geared to community-based organizations, governmental agencies and officials, members of the general public, or the scientific community;
- to ensure access to relevant knowledge while working in partnership with policymakers and practitioners in planning and implementing projects to address substance use in Canada and internationally;
- to develop and promote resources (e.g., print and web-based reports, webinars, briefing notes, social media posts, participation in key advisory panels, communities of practice) with the potential to make direct contributions to policies, programs or service delivery systems in Canada and internationally; and
- to provide broad access to balanced information on substance use and related harms and health promotion approaches through a variety of knowledge exchange strategies.



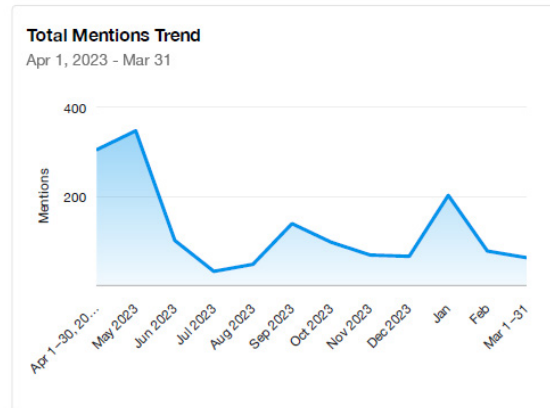
# HIGHLIGHTS

## MEDIA COVERAGE

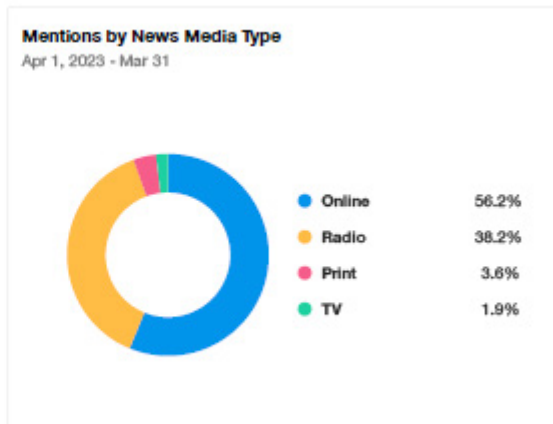
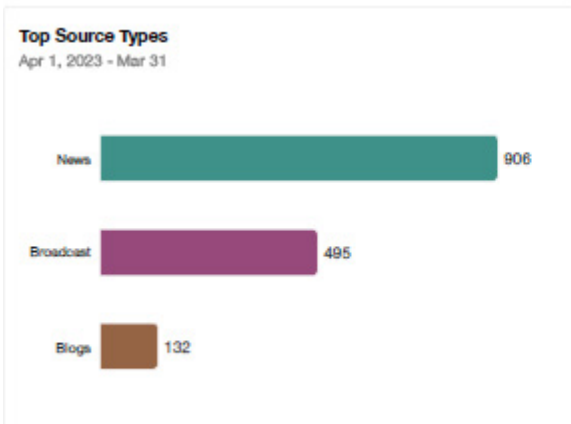
CISUR research and personnel received over 1,500 media mentions in 2023/24, reaching an estimated 1.94 billion people. This is down a little from 2022/23, partly due to the extensive coverage received that year with the release of the Canadian Guidance on Alcohol and Health, and because we switched media monitoring platforms which means the two years aren't directly comparable. However, this is still a considerable amount of media attention for the work CISUR is involved in.



We received the most media coverage in April/May 2023, when a high-profile paper was published in *JAMA Network Open* on the association between daily alcohol intake and all-cause mortality, which received worldwide media attention.

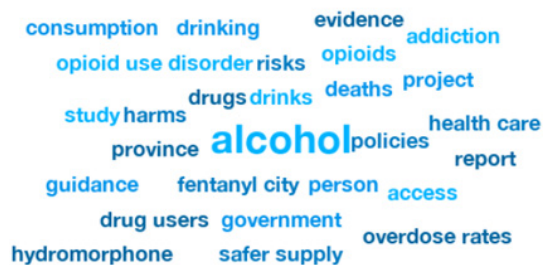


While most media coverage was from online articles, there was also a large amount of broadcast stories, particularly radio interviews.

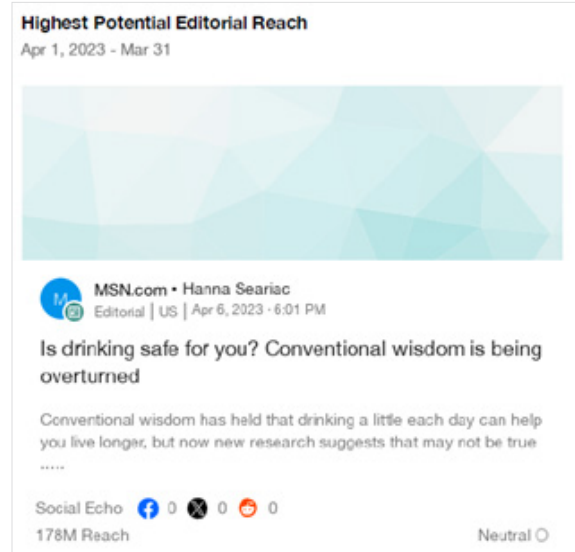


Most coverage was related to alcohol, but other key issues such as safer supply, overdose, fentanyl and policies were also among the top key words found media coverage.

**Top Keywords**  
Apr 1, 2023 - Mar 31



A story calling on Health Canada to update its alcohol guidance to reflect the updated 2023 Canadian Guidance on Alcohol and Health was the most syndicated (or reprinted/rebroadcasted) piece, while coverage of the *JAMA Network Open* paper reached the most people.



## SOCIAL MEDIA

CISUR’s social media presence has held steady, with 2,683 followers on Facebook and 3,194 followers on Twitter/X. Due to Meta’s ban on the sharing of Canadian news articles and overall hostility towards the substance-use field on X, CISUR has scaled back its social media presence quite a bit over the last year.

Our new media monitoring program reports on stories most shared across social media platforms, not just via our own channels. This year, an article on a Canadian senate bill about alcohol labelling was the most widely shared CISUR story on social media.



## WEBSITE

CISUR's website had 37,583 visitors and 98,916 pageviews. The Canadian Alcohol Policy Evaluation (CAPE) project, which launched its third iteration in May 2023, had the most pageviews this year, as well as several files in our top downloaded files. The Safer Bathroom Toolkit, launched in October 2022, also continued to attract a lot of website traffic and downloads.

### CISUR'S TOP TEN MOST VISITED WEBPAGES, 2023/24

Rank	Page Name	Pageviews
1	Canadian Alcohol Policy Evaluation (CAPE)	12,803
2	CISUR homepage	12,551
3	The Safer Bathroom Toolkit	7,842
4	Canadian Managed Alcohol Program Study	4,896
5	Understanding Sex Work	4,705
6	iMinds	3,070
7	Alcohol consumption in BC	2,628
8	About CISUR	2,553
9	Projects	2,271
10	Publications & Resources	2,060

### CISUR'S TOP TEN MOST DOWNLOADED FILES, 2023/24

Rank	File Name	Downloads
1	Bathroom Safety Assessment Walkthrough Checklist*	627
2	CAPE 3.0: Federal Results	434
3	CAPE 3.0: Policy Domain Results Summary (Provincial/Territorial)	393
4	Overview of MAPS in Canada	355
5	CAPE 3.0: Results from Ontario	348
6	Safer Bathrooms Toolkit: Example Sign 1*	325
7	Helping Schools Drug Literacy Curriculum	297
8	Lower Cannabis Use Guidelines for Youth, by Youth	273
9	Safer Bathrooms Toolkit: Design Fact Sheet*	259
10	Safer Bathrooms Toolkit: Policy and Protocol Guide*	256

\* Part of the Safer Bathrooms Toolkit

Note: Due to a changeover in analytics platforms, file download data from October 9 to November 14, 2023, is missing.

## VIDEOS, WEBINARS AND COMMUNITIES OF PRACTICE

Over the past year, 26 videos have been uploaded to the [CISUR YouTube page](#), primarily presentations from CISUR's three active Communities of Practice (CoPs): The Canadian Managed Alcohol Program Study (CMAPS) CoP, the Canadian Alcohol Policy Evaluation (CAPE) CoP, and the Co/Lab CoP. This has included several videos in French as part of the CAPE CoP.



## PUBLIC TALKS

CISUR also hosted five public presentations this year: Harold Johnson Award recipient Jaret Nelson in June 2023, UVic honorary degree recipient Ann Livingston in June 2023, visiting scholar Leo Beletsky in November 2023, author Ann Dowsett Johnston in February 2024 and visiting scholar Fiona Measham in March 2024.



Visiting Scholar Fiona Measham of the University of Liverpool and the Substance UVic crew.

## PRINT/WEB COLLATERAL

In addition to the peer-reviewed academic outputs outlined in Section 3 above, CISUR researchers also produced several reports, brochures and other documents related to their work.

One large suite of work was from the Canadian Alcohol Policy Evaluation (CAPE) Project, which produced several reports, methodology documents and infographics for their evaluation of federal, provincial and territorial alcohol policies. The Knowledge Mobilization team also updated several Here to Help factsheets and brochures. The Co/Lab project also created two new resources: an evidence brief on decriminalization in BC and an overview and infographic of their Substance Use Monitoring Framework. CISUR scientist Marilou Gagnon was also part of a research group commissioned by the Royal Society of Canada to create a peer-reviewed evidence brief on drug decriminalization. The team at the Vancouver Island Drug Checking Project (Substance UVic) created weekly and monthly reports on their drug-checking results, which can be viewed on their blog.



A selected list of some of these other outputs is outlined below.

### Selected commissioned reports

- Sherk, A. & Stockwell, T. (2023) *Modeling the impact of alcohol labels on alcohol use and health outcomes in Canada*. Commissioned report for the Alcohol Policy Unit, Controlled Substances and Cannabis Branch, Health Canada. Victoria, Canada: Canadian Institute for Substance Use Research, University of Victoria.
- Farkouh, E., Clay J., Pauly, B., Stockwell T., & Naimi, T. (2024) *Alcohol-related Vulnerability and Health Equity Considerations for Minimum Pricing Policies: Theory, Evidence and Research Gaps*

### Selected special reports and bulletins

- BC Coroners Service Death Review Panel, (Nov 1, 2023). [An Urgent Response to a Continuing Crisis.](#)
- Farkouh, E., Price, T., Vallance, K., Wettlaufer, A., Farrell-Low, A., Giesbrecht, N., Stockwell, T., Vishnevsky, N., Priore, B., Ma, J., Asbridge, M., Gagnon, M., Hynes, G., Shelley, J., Sherk, A., Shield, K., Solomon, R., Thomas, G., Thompson, K., & Naimi, T. (2023). [Canadian Alcohol Policy Evaluation \(CAPE\) 3.0: Methodology and Evidence \(Federal and Provincial/Territorial\)](#). Victoria, BC: Canadian Institute for Substance Use Research, University of Victoria.

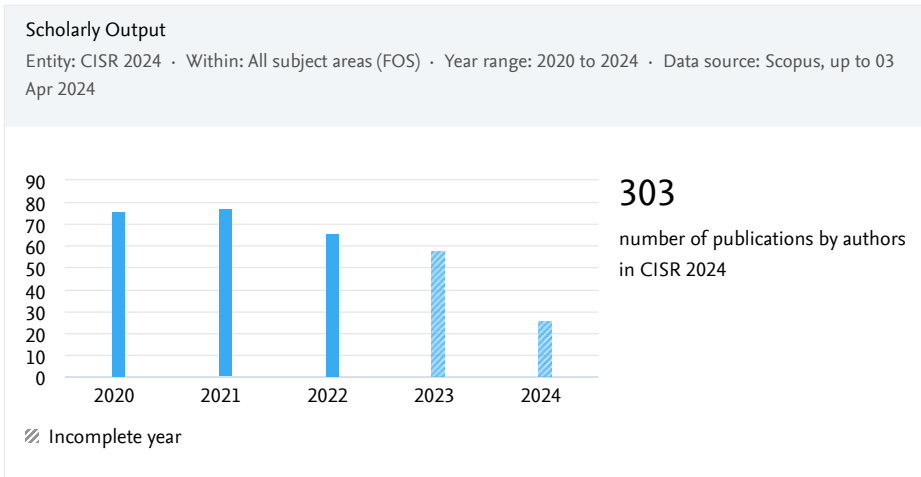
- Gruben, V., Hyshka, E., Bonn, M., Cox, C., Gagnon, M., Guta, A., Jackman, M., Mercredi, J., Munga, A., Oscapeella, E., Strike, C., & Virani, H. (2024). [Urgent and Long Overdue: Legal Reform and Drug Decriminalization in Canada](#). Royal Society of Canada.
- Macevicius, C., Ranger, C., Urbanoski, K., and Pauly, B. (2024). [Decriminalization of Currently Illegal Drugs in British Columbia \(BC\): An Evidence Brief](#). Canadian Institute for Substance Use Research, University of Victoria, Victoria, BC.
- Naimi, T., Stockwell, T., Giesbrecht, N., Wettlaufer, A., Vallance, K., Farrell-Low, A., Farkouh, E., Ma, J., Priore, B., Vishnevsky, N., Price, T., Asbridge, M., Gagnon, M., Hynes, G., Shelley, J., Sherk, A., Shield, K., Solomon, R., Thomas, G., & Thompson, K. (2023). [Canadian Alcohol Policy Evaluation 3.0: Federal Results](#). Victoria, BC: Canadian Institute for Substance Use Research, University of Victoria.
- Naimi, T., Stockwell, T., Giesbrecht, N., Wettlaufer, A., Vallance, K., Farrell-Low, A., Farkouh, E., Ma, J., Priore, B., Vishnevsky, N., Price, T., Asbridge, M., Gagnon, M., Hynes, G., Shelley, J., Sherk, A., Shield, K., Solomon, R., Thomas, G., & Thompson, K. (2023). [Canadian Alcohol Policy Evaluation \(CAPE\) 3.0 Project: Policy Domain Results Summary \(Provincial/Territorial\)](#). Victoria, BC: Canadian Institute for Substance Use Research, University of Victoria.
- Naimi, T., Stockwell, T., Giesbrecht, N., Wettlaufer, A., Vallance, K., Farrell-Low, A., Farkouh, E., Ma, J., Priore, B., Vishnevsky, N., Price, T., Asbridge, M., Gagnon, M., Hynes, G., Shelley, J., Sherk, A., Shield, K., Solomon, R., Thomas, G. & Thompson, K. (2023). [Canadian Alcohol Policy Evaluation \(CAPE\) 3.0: Best Practice Policy Leaders \(Provincial/Territorial\)](#). Victoria, BC: Canadian Institute for Substance Use Research, University of Victoria
- Pauly, B., van Roode, T., Carter, C., & Urbanoski, K. (2024). [Co/Lab Substance Use Monitoring Framework: Equity-Oriented Monitoring of Substance Use and Health \[Overview\]](#). Canadian Institute for Substance Use Research, University of Victoria; Victoria, BC
- Weatherall, K., Datar, G., Pauly, B., Buxton, JA. (2023). [Report on the Peer2Peer Scale-Up Project](#). BC Centre for Disease Control. April 2023.

### Selected informational resources and guides

- Pauly, B., van Roode, T., Carter, C., & Urbanoski, K. (2024). [Co/Lab Substance Use Monitoring Framework: Equity-Oriented Monitoring of Substance Use and Health \[Infographic\]](#). Canadian Institute for Substance Use Research, University of Victoria; Victoria, BC.
- HeretoHelp Factsheets and Brochures:
  - » [Hosting a Teen Party](#)
  - » [Learn about Methamphetamine](#)
  - » [Safer Drinking: Beer, wine and spirits](#)
  - » [Youth and Alcohol](#)
- Canadian Alcohol Policy Evaluation infographics: available at [alcoholpolicy.cisur.ca](https://alcoholpolicy.cisur.ca)
- Substance UVic weekly/monthly drug checking reports: available at [substance.uvic.ca/blog](https://substance.uvic.ca/blog)



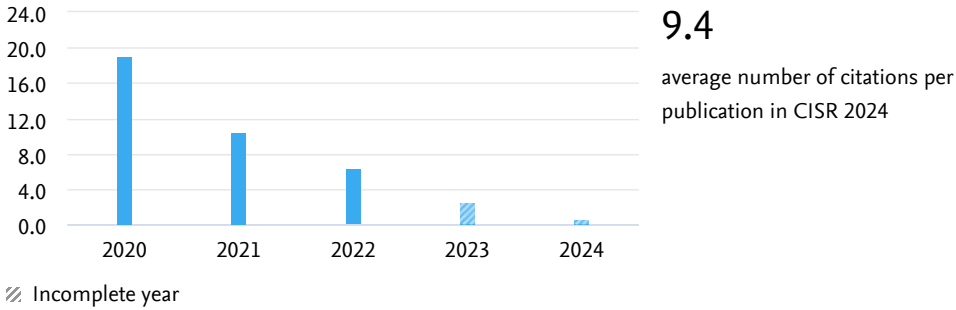
# APPENDIX: RESEARCH ANALYTICS





### Citations per Publication

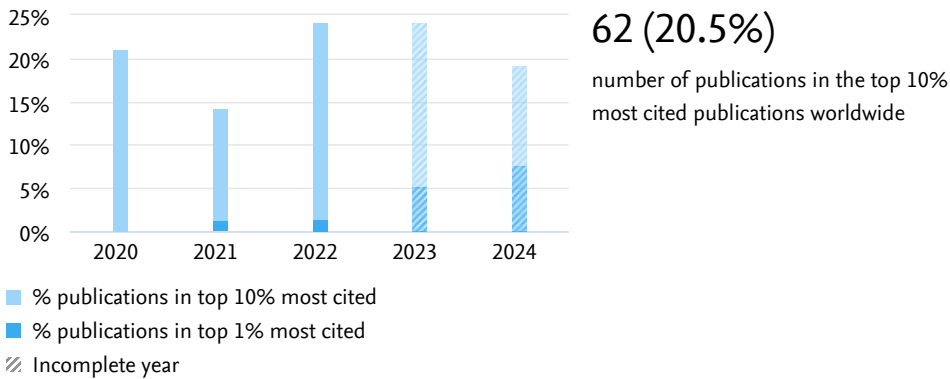
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### Outputs in Top 10% Citation Percentiles (field-weighted)

Entity: CISR 2024 · Within: All subject areas (FOS) · Year range: 2020 to 2024 · Data source: Scopus, up to 03 Apr 2024

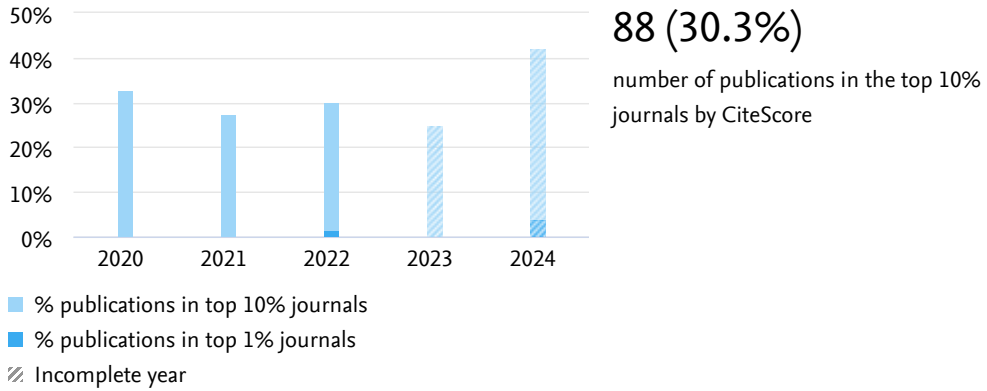
Share of publications in CISR 2024 that are among the most cited publications worldwide  
**field-weighted**



### Publications in Top Journal Percentiles by CiteScore Percentile

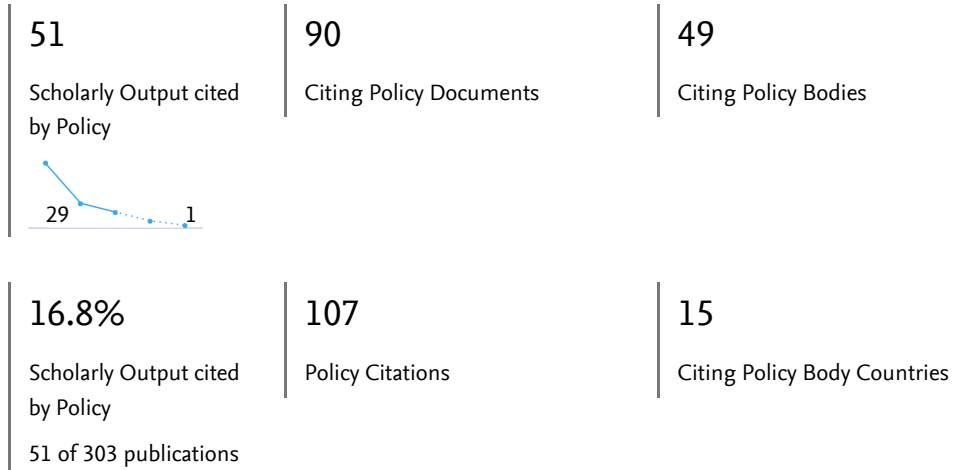
Entity: CISR 2024 · Within: All subject areas (FOS) · Year range: 2020 to 2024 · Data source: Scopus, up to 03 Apr 2024

#### Share of publications in CISR 2024 that are in the top journals by CiteScore Percentile



### Research Impact on Policy

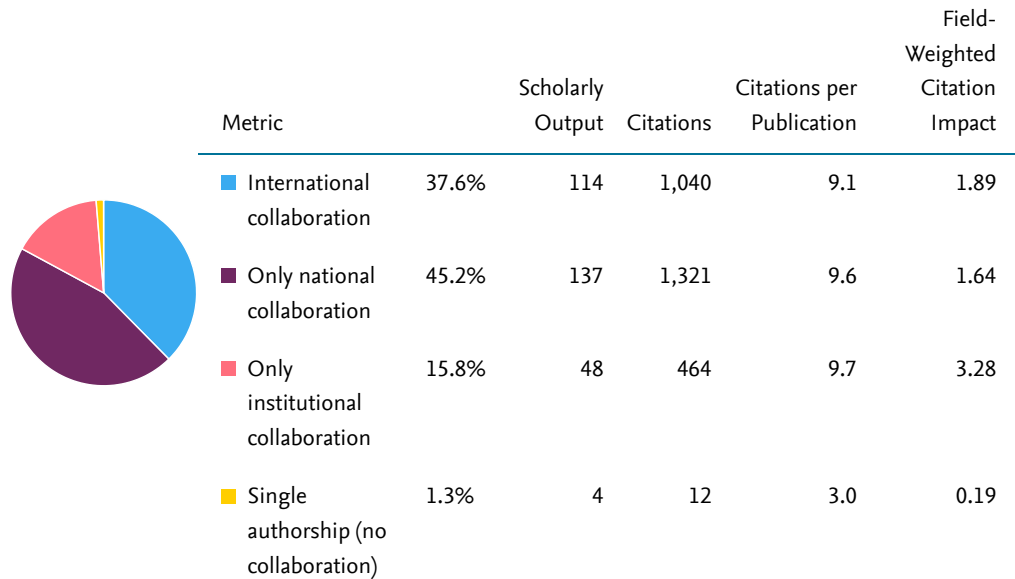
Entity: CISR 2024 · Within: All subject areas (FOS) · Year range: 2020 to 2024 · Data source: Scopus, up to 03 Apr 2024



### Geographical Collaboration - Overall

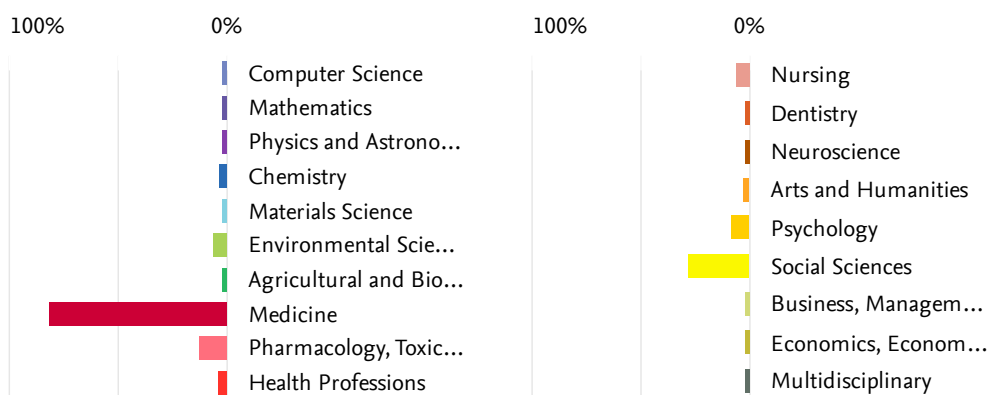
Entity: CISR 2024 · Within: All subject areas (FOS) · Year range: 2020 to 2024 · Data source: Scopus, up to 03 Apr 2024

International, national and institutional collaboration by in CISR 2024 in the selected year range.



### Publication share by Subject Area

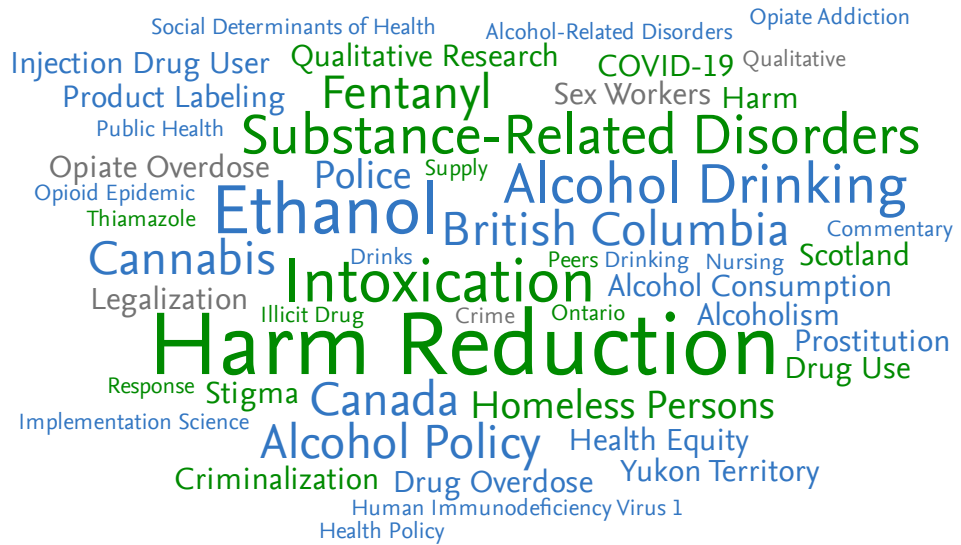
Entity: CISR 2024 · Within: All subject areas (ASJC) · Year range: 2020 to 2024 · Data source: Scopus, up to 03 Apr 2024



Keyphrase analysis

Entity: Publications in CISR 2024 | 2020 to 2024 · Within: All subject areas (FOS) · Year range: 2020 to 2024 ·

Data source: Scopus, up to 03 Apr 2024

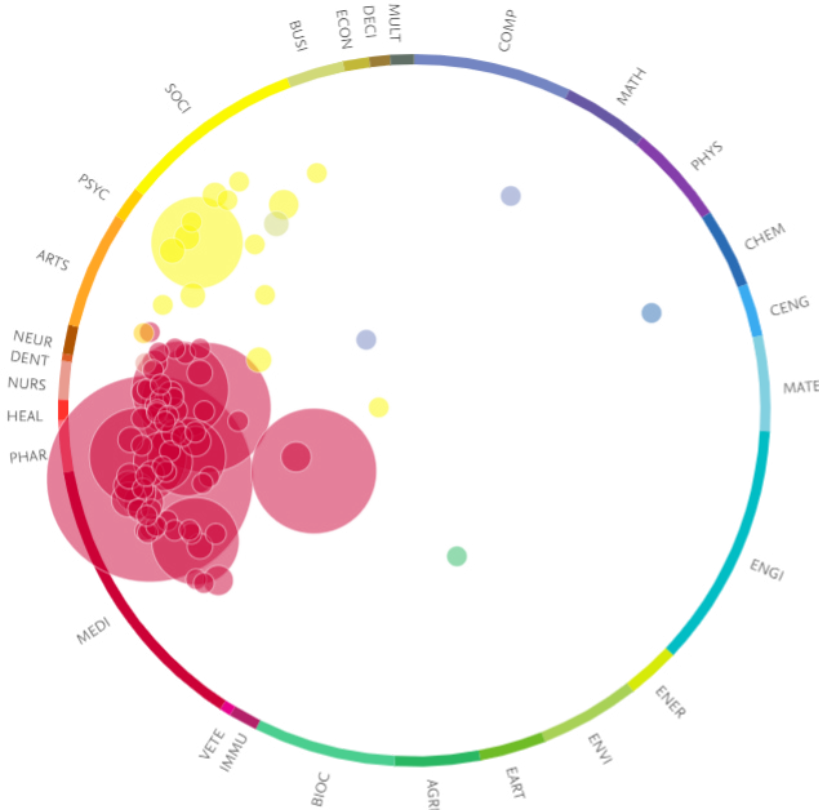


AAA relevance of keyphrase | declining AAA growing (2020-2022)

**Topics**

Entity: CISR 2024 · Within: All subject areas (FOS) · Year range: 2020 to 2024 · Data source: Scopus, up to 03 Apr 2024

○ Bubble size: Scholarly Output of this Researcher Group      ○ Bubble position is based on dominant ASJC categories.



COMP	Computer Science	PHAR	Pharmacology, Toxicology and Pharmaceutics
MATH	Mathematics	HEAL	Health Professions
PHYS	Physics and Astronomy	NURS	Nursing
CHEM	Chemistry	DENT	Dentistry
CENG	Chemical Engineering	NEUR	Neuroscience
MATE	Materials Science	ARTS	Arts and Humanities
ENGI	Engineering	PSYC	Psychology
ENER	Energy	SOCI	Social Sciences
ENVI	Environmental Science	BUSI	Business, Management and Accounting
EART	Earth and Planetary Sciences	ECON	Economics, Econometrics and Finance
AGRI	Agricultural and Biological Sciences	DECI	Decision Sciences
BIOC	Biochemistry, Genetics and Molecular Biology	MULT	Multidisciplinary
IMMU	Immunology and Microbiology		
VETE	Veterinary		
MEDI	Medicine		

## Topics

Entity: CISR 2024 · Within: All subject areas (FOS) · Year range: 2020 to 2024 · Data source: Scopus, up to 03 Apr 2024

Topic	By this Group of Researchers		Worldwide
	Scholarly Output	Field-Weighted Citation Impact	Prominence percentile
Injection Drug Use; Needle-Exchange Programs; Intravenous Substance Abuse T.261	40	1.55	97.835
Alcohol Policy; Unit Pricing; Alcohol Drinking T.8136	24	1.50	93.719
U-47700; N-(1-Phenethylpiperidin-4-yl)-N-Phenylacetamide; Intoxication T.25953	23	2.24	96.588
Homelessness; Assisted Living Facilities; Mental Disease T.736	17	1.16	98.545
Medical Cannabis; Young Adult; Legalization T.2466	17	1.60	99.267
Prostitution; Sex Workers; Sexual T.4650	16	2.68	94.154
Alcohol Consumption; Red Wines; Alcohol Drinking T.1387	15	6.45	94.559
Tobacco Industry; Alcohol Drinking; Alcohol Policy T.31269	13	2.19	88.972
Alcohol Consumption; Vodka; Ethanol T.12700	9	2.27	90.262
Prescription Drug Monitoring Programs; Narcotic Analgesic Agent; Morphinomimetic Agent T.248	5	2.03	99.720

Overall h-index

Within: All subject areas (FOS) · Year range: 2020 to 2024 · Data source: Scopus, up to 03 Apr 2024

Entity 2020 to 2024

CISR 2024 85

Metric 1: **h-indices** (h-index)

h-index is based on a Researcher's total publication output since 1996.

Types of publications included: all. Self-citations included: yes.

Metric 2: **Publication Year**

Researchers

Entity: CISR 2024 · Within: All subject areas (FOS) · Year range: 2020 to 2024 · Data source: Scopus, up to 03 Apr 2024

Name	Scholarly Output	Most recent publication	Citations	<i>h</i> -index
1. Pauly, Bernie (bernie)	71	2024	674	33
2. Stockwell, Tim	65	2024	748	50
3. Naimi, Timothy S.	53	2024	681	50
4. Sherk, Adam	35	2024	408	14
5. Wallace, Bruce B.	34	2024	474	19
6. Gagnon, Marilou	33	2024	242	17
7. Benoit, Cecilia Myra	28	2024	134	29
8. Urbanoski, Karen A.	26	2024	172	25
9. Arredondo, Jaime	19	2024	173	18
10. Zhao, Jinhui	16	2024	216	28
11. Callaghan, Russell Clarence	14	2023	117	24
12. Macdonald, Scott A.	11	2022	105	31
13. Jansson, Mikael	10	2024	67	17
14. Macdonald, Mariorie A	8	2023	45	18



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