

Cannabis & Public Health Forum 30 APRIL-1 MAY 2019 OTTAWA I SHAW CENTRE

OTTAWA | SHAW CENTRE

Forum sur le cannabis et la santé publique

OTTAWA | CENTRE SHAW



FINAL PROGRAM PROGRAMME FINAL

CANNABIS AND PUBLIC HEALTH FORUM

CONFERENCE OBJECTIVES

The Forum will provide:

- A dynamic setting to profile action-oriented best practices, successful strategies and new research;
- An occasion to explore evidence-informed interventions;
- A forum that supports reflection and critical dialogue;
- A supportive environment for sharing innovative ideas and approaches to public health practice, policy and research that encourages further collaborations; and
- A multisectoral knowledge exchange forum and networking opportunity.

LEARNING OBJECTIVES

The Forum will provide delegates the opportunity to:

- Articulate the current status of research, policy and practice related to the legalization and regulation of cannabis in Canada;
- Identify public health challenges and related solutions, trends, emerging issues and gaps;
- Utilize effective evidence-based public health programs, practices, structures and systems; and
- Identify strategies for knowledge translation and exchange.

OBJECTIFS DU FORUM

Le forum sera:

- Un lieu dynamique où présenter des pratiques exemplaires orientées sur l'action, des stratégies fructueuses et de nouvelles études;
- L'occasion d'explorer des interventions éclairées par les données probantes;
- Une tribune de réflexion et de dialogue critique;
- Un milieu favorable au partage d'idées et d'approches novatrices dans la pratique, les politiques et la recherche en santé publique pour favoriser d'autres collaborations inter- et intrasectorielles;
- Une tribune multisectorielle d'échange de connaissances et une occasion de réseauter.

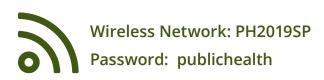
OBJECTIFS D'APPRENTISSAGE

Le forum offrira aux délégués l'occasion :

- D'exposer clairement l'état actuel de la recherche, des politiques et des pratiques liées à la légalisation et à la réglementation du cannabis au Canada;
- De cerner les problèmes et leurs solutions, les tendances, les nouveaux enjeux et les lacunes à combler en santé publique;
- D'utiliser des programmes, des pratiques, des structures et des systèmes de santé publique efficaces fondés sur les données probantes;
- De définir des stratégies d'application et d'échange des connaissances.

ORGANIZING COMMITTEE | COMITÉ DIRECTEUR

- Ian Culbert, Canadian Public Health Association (Chair)
- · Sandra Allison, Rural, Remote and Northern Public Health Network
- Krista Benes, Mental Health Commission of Canada (from 1 January 2019)
- Rebecca Haines-Saah, University of Calgary
- · David Hammond, University of Waterloo
- · Erin Hobin, Public Health Ontario
- Fardous Hosseiny, Canadian Mental Health Association
- Rebecca Jesseman, Canadian Centre on Substance Use and Addiction
- Sapna Mahajan, Mental Health Commission of Canada (until 31 December 2018)
- Richard Stanwick, Urban Public Health Network
- Mark Tyndall, British Columbia Centre for Disease Control



PROGRAM OVERVIEW | RÉSUMÉ DU PROGRAMME

TUESDAY 30 APRIL | MARDI 30 AVRIL

09:00-10:30	Opening Plenary	
9 h à 10 h 30	Plénière d'ouverture	
10:30-11:00	Refreshment Break	
10 h 30 à 11 h	Pause-rafraîchissements	
11:00-12:30	Oral Presentations 1	Oral Presentations 2
11 h à 12 h 30	Présentations de résumés oraux nº 1	Présentations de résumés oraux nº 2
12:30-13:45	Networking Lunch Poster Presentations	
12 h 30 à 13 h 45	Déjeuner contacts Présentations d'affiches	
13:45-15:15 13 h 45 à 15 h 15	Influencing cannabis policy-making: A public health approach	Cannabis education toolkit: Connecting research to practice in diverse settings
15:15-15:30	Break	
15 h 15 à 15 h 30	Pause	
15:30-17:00 15 h 30 à 17 h	Cannabis legalization in Canada and comparisons with US states: Findings from the International Cannabis Policy Study	

WEDNESDAY 1 MAY | MERCREDI 1er MAI

09:00-10:30	Oral Presentations 3	Oral Presentations 4
9 h à 10 h 30	Présentations de résumés oraux nº 3	Présentations de résumés oraux nº 4
10:30-11:00	Refreshment Break	
10 h 30 à 11 h	Pause-rafraîchissements	
11:00-12:30 11 h 30 à 12 h 30	Evaluating the potential of cannabis to address the opioid overdose crisis	
12:30-13:30	Networking Lunch	
12 h 30 à 13 h 30	Déjeuner contacts	
13:30-15:00 13 h 30 à 15 h	Cannabis use and aging Canadians: A public health dialogue	Cannabis and pregnancy
15:00-15:30	Refreshment Break	
15 h à 15 h 30	Pause-rafraîchissements	
15:30-17:00	Closing Plenary	
15 h 30 à 17 h	Plénière de clôture	

9:00–10:30 OPENING PLENARY ROOM 207

9 h à 10 h 30 PLÉNIÈRE D'OUVERTURE

EQUITY-INFORMED APPROACHES TO RESEARCH AND POLICY FOR THE PREVENTION OF PROBLEMATIC CANNABIS USE

Cannabis and substance use-related behaviours, knowledge, attitudes, values, social norms and beliefs differ according to factors like gender, culture, geography, ethnicity, sexual orientation and stage in the life course. Cannabis-related outcomes are also shaped by the larger historical and social context related to different sub-populations. Research and policy approaches to the prevention of problematic cannabis use often do not account for the diverse identities within the Canadian population, which may create or perpetuate social and health inequities related to problematic cannabis use. During this session, panelists will discuss what is meant by taking a 'public health approach' that applies an 'equity-focused lens' to preventing problematic cannabis use. Through a series of moderated questions, panelists will be encouraged to illustrate the complexity and intersections of identities that must be accounted for when advancing research and policy related to the prevention of problematic cannabis use, and to highlight challenges and promising practices related to incorporating equity considerations into these research and policy activities.

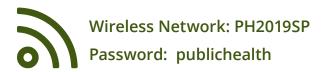
MODERATOR:

· Stephanie Priest, Executive Director, Mental Health and Wellbeing Division, PHAC

PANELISTS:

- Lorraine Greaves, Clinical Professor, Senior Investigator, Centre for Excellence for Women's Health, University of British Columbia
- Akwasi Owusu-Bempah, Assistant Professor, Department of Sociology, University of Toronto (invited)
- François Gagnon, Conseiller scientifique spécialisé, Institut national de santé publique du Québec
- · Frances Elizabeth Moore, Operations & National Outreach Manager, We Matter

10:30 –11:00 REFRESHMENT BREAK RIDEAU CANAL ATRIUM
10 h 30 à 11 h PAUSE-RAFRAÎCHISSEMENTS SECOND LEVEL



CONCURRENT SESSIONS 11:00-12:30 **SÉANCES SIMULTANÉES** 11 h à 12 h 30

ORAL PRESENTATIONS 1 ROOM 201

- Peel Public Health's Approach to Cannabis Legalization Sharn Khinda
- Non-medical Cannabis Legalization: A Public Health Approach for First Nations Communities in BC Nel Wieman
- Examining the location of cannabis dispensaries in Ontario prior to legalization: Association between neighbourhood socioeconomic status and illicit retail locations – Catherine Brown
- Challenges in Cannabis Legalization, Regulation and Control Michelle Kilborn
- · Cannabis Law Reform in Canada: The Public Health Approach We Didn't Get Mike DeVillaer

ORAL PRESENTATIONS 2 ROOM 203

- Prenatal exposure to cannabis and child neurodevelopmental outcomes: A population-based cohort study Daniel Corsi
- Pourquoi et comment les comestibles du cannabis permettront à l'industrie de développer de nouvelles stratégies de marketing? - Marianne Dessureault
- Cannabis Informatics Monitoring System (CIMS): Putting Results at your Fingertips Shawn O'Connor
- No Ifs, Ands, or Butts (Except in Designated Areas): A Public Health Experience Influencing Public Policy Around Cannabis Consumption – Emily Berrigan
- Règlements municipaux sur l'usage du cannabis dans les lieux publics extérieurs : réponse de la santé publique en Montérégie – Judith Archambault

12:30 - 13:45 NETWORKING LUNCH 12 h 30 à 13 h 45 **DÉJEUNER CONTACTS**

ROOM 207

POSTER PRESENTATIONS

RIDEAU CANAL ATRIUM (SECOND FLOOR)

- Cannabis packaging, labeling and health warnings: Using the tobacco control literature to address current gaps – Mohammed Al-Hamdani
- Policy Analysis of Cannabis Sale and Distribution Practices Across Canada Sawila Bayat
- Evaluative Conditioning and Approach Bias Modification Training Tasks: A Review of the Literature on Substance Use - Shannon Golsof
- Are school cannabis policies associated with student engagement in cannabis? Megan Magier
- Carrying High over the Decades: Reanalysis of In Utero Cannabis Exposure on Low Birth Weight Stephanie Susman
- A systematic review assessing the impacts of cannabis use on non-traffic injuries Claire Benny
- Behavioural economics of cannabis: the impact of price on use of cannabis and alcohol Kim Crosby
- Sex, gender and cannabis: a scoping literature review on patterns of cannabis use and health effects Natalie Hemsing
- Developing equitable approaches to prevention, harm reduction and the route of administration (ROA): aligning cannabis, tobacco and vaping products - Natalie Hemsing
- A snapshot of cannabis use and associated and perceived harms among Canadian students, pre-legalization - Sarah Konefal

13:45–15:15 CONCURRENT SESSIONS 13 h 45 à 15 h 15 SÉANCES SIMULTANÉES

INFLUENCING CANNABIS POLICY MAKING:

ROOM 201

This session will provide public health professionals an opportunity to gain greater knowledge and skills to improve their potential to influence cannabis policy decision making. Participants will learn about the stages of healthy public policy making as they relate to specific cannabis policy examples, analyze some of the challenges and opportunities that arise when considering municipal cannabis policy options, and explore lessons learned in developing recommendations for decision makers encouraging a public health approach to provincial and municipal legislation and regulations.

FACILITATORS:

• Michelle Kilborn, Cannabis Project Coordinator and Policy Analyst in Population, Public and Indigenous Health, Alberta Health Services

LEARNING OBJECTIVES:

- Discuss and apply the stages of policy making as they relate to specific examples of cannabis policy decision points.
- Identify 3-5 issues that arise and strategies to address when advocating for a public health approach to cannabis legalization at the municipal level.
- Identify, compare and summarize lessons learned from various jurisdictions' experiences in influencing cannabis policy making from a public health approach.

CANNABIS EDUCATION TOOLKIT: CONNECTING RESEARCH TO PRACTICE IN DIVERSE SETTINGS

ROOM 203

The Sensible Cannabis Education Toolkit, created by Canadian Students for Sensible Drug Policy (CSSDP), has been promoted across Canada as a pivotal and central resource for those looking to engage in evidence-based cannabis discussions. As our drug-related social contexts continue to shift and evolve, and as the reach of the Toolkit increases, there is a growing appetite to operationalize its key messages in a diversity of settings. The aims of this workshop are twofold: 1) disseminating strategies for the integration of the Toolkit in a diversity of practical and applied settings and 2) soliciting conference participants' expertise to gather feedback on how the reach and messaging of the Toolkit can further be improved in order to be applied across diverse contexts. Participants can expect to be both educators and learners in this highly interactive session, as we aim to utilize our collaborative efforts to inform the differing needs of youth across Canada.

FACILITATORS:

- Kira London Nadeau, Chair, Canadian Students for Sensible Drug Policy
- · Heather D'Alessio, Chapter Liaison, Canadian Students for Sensible Drug Policy

LEARNING OBJECTIVES:

- Interpret the information put forward in the Sensible Cannabis Education Toolkit, CSSDP's cannabis harm reduction guidelines, as well as the educational strategies outlined in the Toolkit by comparing previous models of education that utilize abstinence-based approaches vs. evidence-based models.
- Apply that information to a range of diverse youth populations and educational settings (i.e., marginalized youth populations, LGBTQ youth, indigenous youth, low-income youth, youth with physical or mental illness), youth in varying geographic settings (urban vs. rural), and youth who are new to Canada, as well as youth living at the intersection of any of these populations. Additionally, participants should acquire an interpretation of the information from the Toolkit that can be applied in various educational settings (academic, after-school programs, youth services, etc.)
- Evaluate the content and application of the Sensible Cannabis Education Toolkit, gathering feedback from workshop participants to gain insights from participants' area of focus or professional background. Workshop attendees will also be given the opportunity to rate various aspects of the Toolkit so that CSSDP may prioritize certain elements in the next edition.

15:15 -15:30 **BREAK** 15 h 15 à 15 h 30 PAUSE

PLENARY II 15:30 - 17:00 **ROOM 207**

PLÉNIÈRE II 15 h 30 à 17 h

CANNABIS LEGALIZATION IN CANADA AND COMPARISONS WITH US STATES: FINDINGS FROM THE INTERNATIONAL CANNABIS POLICY STUDY

The symposium will present findings from the first wave of the *International Cannabis Policy Study* (ICPS). Presentations will focus on 1) cannabis prices and purchasing behaviours; 2) patterns of cannabis use and modes of use; 3) indicators of problematic use; and 4) illicit retail sources and cannabis prices before and after legalization. Presentations will examine differences between provinces at baseline, as well as comparisons to US states that have legalized non-medical cannabis. The symposium will discuss implications for specific cannabis policies and evaluating the impact of cannabis legalization in Canada. Participants will be able to use the information presented in the session to learn about the evolving cannabis market and key cannabis use indicators.

SPEAKERS:

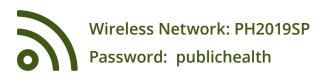
- David Hammond, Professor, School of Public Health and Health Systems, University of Waterloo; CIHR-PHAC Chair in Applied Public Health
- Samantha Goodman, Post-Doctoral Fellow, University of Waterloo
- Elle Wadsworth, PhD Candidate, University of Waterloo

SESSION CHAIR:

· Amy Porath, Director of Research, Canadian Centre on Substance Use and Addiction

LEARNING OBJECTIVES:

- · Describe the legal and illegal cannabis market in Canada prior to recreational cannabis legalization, including differences between provinces and demographic groups.
- Compare key outcomes, including prevalence and patterns of use and indicators of problematic use across Canada and the USA.
- · Illustrate research methodologies for measuring cannabis consumption and evaluating the impact of cannabis policies using quasi-experimental designs.



7:00 - 8:30

CPHA ANNUAL GENERAL MEETING

ROOM 206

7 h à 8 h 30

ASSEMBLÉE GÉNÉRALE ANNUELLE DE L'ASCP

The CPHA Annual General Meeting (AGM) is open to all participants and pre-registration is required. Participants must have an active membership to vote at the AGM. Those with expired memberships or new members must have an active membership by noon on Tuesday 30 April to be eligible to vote.

Breakfast will be provided.

L'assemblée générale annuelle (AGA) de l'ACSP est ouverte à tous les délégués de la conférence, mais seuls les membres de l'ACSP peuvent y voter. Avant le début de la séance, les membres sont priés de se presenter au bureau de l'AGA pour obtenir leur carte de vote. Les membres dont l'adhésion est caduque, mais qui souhaitent assister à l'AGA et pouvoir y voter peuvent renouveler leur adhésion juste avant l'AGA. Toute personne qui n'a jamais été membre de l'ACSP peut le devenir avant le 30 avril 2019.

Le petit déjeuner sera servi.

9:00-10:30 CONCURRENT SESSIONS 9 h à 10 h 30 SÉANCES SIMULTANÉES

ORAL PRESENTATIONS 3 ROOM 201

- Lower-risk cannabis use guidelines: Navigating between evidence-based research and target audience acceptance – Natalia Gutierrez
- Toking 9 to 5? Clearing the haze on cannabis consumption and perceptions in the Canadian workplace Nancy Carnide
- Daily cannabis use is associated with lower likelihood of daily illicit opioid use among people who use illicit drugs with chronic pain in Vancouver, Canada *Stephanie Lake*
- Evaluating the impact of cannabis to reduce or manage illicit drug use in Vancouver, Canada *Jenna Valleriani*
- Substituting cannabis for alcohol: The impact of legalization *Michelle Thiessen*

ORAL PRESENTATIONS 4 ROOM 203

- Cognitions Act as Mediators of the Effect of Personality Traits on Adolescent Cannabis Use Maya Pilin
- Do School Context and School Connectedness Influence Sex-Related Differences in Cannabis Use of Adolescents? *Laurence Matteau-Peletier*
- Changing Substance Use Norms to Deter Teen Marijuana Use *Tyler Janzen*
- What Lies Ahead in a Legalized Policy Environment? Cannabis Trend Data and Change in Perceptions of Risk between Prince Edward Island (PEI) and Canadian Students *Jo-Ann McDonald*
- Talking Pot with Youth A Cannabis Communication Guide for Youth Allies Kiran Somjee

10:30 –11:00 REFRESHMENT BREAK
10 h 30 à 11 h PAUSE-RAFRAÎCHISSEMENTS

RIDEAU CANAL ATRIUM
SECOND LEVEL

11:00 - 12:30 PLENARY III ROOM 207

11 h à 12 h 30 PLÉNIÈRE III

EVALUATING THE POTENTIAL OF CANNABIS TO ADDRESS THE OPIOID OVERDOSE CRISIS

Designing, implementing, evaluating and scaling up novel public health-based interventions to address the unprecedented numbers of deaths resulting from opioid overdoses is an urgent priority in the United States and Canada. Preliminary findings from the United States have raised the possibility that cannabis might have a beneficial role to play in addressing the overdose crisis. In Vancouver, BC, researchers investigating the role of cannabis in the lives of people who use illicit drugs have found beneficial associations between cannabis use and the probability of some drug-related harms. Meanwhile, some community-led interventions are distributing cannabis in the hopes of preventing fatal overdoses in the Downtown Eastside area.

M-J Milloy will outline the overdose crisis and describe cannabis as a possible harm reduction intervention, summarize preliminary findings to date on cannabis use among people at risk of overdose participating in three ongoing prospective cohorts of people who use illicit drugs in Vancouver, and describe both community-based and clinical research aiming to better understand cannabis as an intervention during a community-wide overdose crisis. Information learned in the session could be used to better understand overdose risk and the possible role of cannabis.

SPEAKER:

• M-J Milloy, Canopy Growth professor of cannabis science, University of British Columbia; Research scientist, British Columbia Centre on Substance Use

LEARNING OBJECTIVES:

- Describe the opioid overdose crisis, its history and scope, and evidence-based interventions to reduce the risk of overdose among people who use illicit drugs.
- Acquire knowledge of cannabis and the preliminary findings that support the plausibility of its playing a beneficial role in addressing the overdose crisis.
- Identify examples of programmes and controlled trials attempting to use cannabis to ameliorate illicit drug use, overdose risk, and other co-morbidities, including post-traumatic stress disorder.

12:30 – 13:30 NETWORKING LUNCH CANADA HALL 1
12 h 30 à 13 h 30 DÉJEUNER CONTACTS THIRD LEVEL

CONCURRENT SESSIONS 13:30-15:00 13 h 30 à 15 h SÉANCES SIMULTANÉES

CANNABIS USE AND AGING CANADIANS: A PUBLIC HEALTH DIALOGUE

ROOM 201

The Canadian Coalition for Seniors' Mental Health (CCSMH) has been tasked by Health Canada to develop guidelines regarding four substance use disorders (SUDs) in older adults (opioids, cannabis, alcohol, and benzodiazepines). Interdisciplinary working groups collaboratively created guidelines using evidenced-based methods, including AGREE and GRADE.

In this workshop, a brief overview of the issues facing older adults with, or at risk for, CUD (Cannabis Use Disorder) will be presented through literature review. Next, the guideline recommendations for cannabis will be presented, including prevention, screening, assessment and treatment.

The presentation will conclude with remarks by panelists addressing the relevance of the guidelines for public health practice, policy and research.

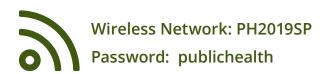
Participants will be encouraged to give feedback, and share their experience and ideas for knowledge translation. Physicians, nurse practitioners, counselors, psychologists, researchers, administrators, community senior mental health team members and others caring for older adults are among those encouraged to attend.

WORKSHOP FACILITATORS:

- Amy Porath, Director of Research, Canadian Centre on Substance Use and Addiction
- Andra Smith, Associate Professor, School of Psychology, University of Ottawa
- Rand Teed, Rand Teed Consulting Inc/Drug Class; Drug and Alcohol Education, Regina Catholic School Division

LEARNING OBJECTIVES:

- Describe issues and barriers unique to older adults with, or at risk for, cannabis use disorder.
- · List key recommendations regarding prevention, screening, assessment and treatment of cannabis use disorder in older adults.
- Examine a public health approach to cannabis use in older adults with a focus on investing, system wide, in the services and the social determinants of health that promote mental wellness throughout all the life stages.



CONCURRENT SESSIONS 13:30-15:00 13 h 30 à 15 h SÉANCES SIMULTANÉES

CANNABIS AND PREGNANCY

ROOM 203

This symposium will review the current state of evidence and on cannabis use pregnancy and breastfeeding women. Data on brain development suggest that prenatal exposure to cannabis may lead to subtle, persistent changes in brain function cognition, well-being and quality of life. These adverse outcomes are significant and it is imperative that healthcare providers have the training and resources to feel confident and competent providing care. Participants will emerge from this session recognizing their unique position to address the enormous gap in research on the safety of cannabis and should consider pursuing and supporting this research. As well, participants will receive guidance, tools and practical wisdom that can be used to effectively manage pregnant women who are consuming cannabis, to promote a healthy pregnancy for pregnant women and their babies.

SPEAKERS:

- · Jocelynn Cook, Chief Scientific Officer, Society of Obstetricians and Gynaecologists of Canada
- Iamie Seabrook, Adjunct Research Professor, Department of Paediatrics, Adjunct Associate Professor. Department of Epidemiology & Biostatistics, Western University; Associate Scientist, Lawson Health Research Institute; Scientist, Children's Health Research Institute
- Lisa Graves, Associate Dean of Faculty Affairs, Chair of the Department of Family and Community Medicine, Home Tryker M.D. School of Medicine, Western Michigan University

SESSION CHAIR:

Jocelynn Cook, Chief Scientific Officer, Society of Obstetricians and Gynaecologists of Canada

LEARNING OBJECTIVES:

- · Describe the adverse consequences of cannabis use during pregnancy and breastfeeding.
- Appraise the current state of evidence and best practice recommendations for cannabis use in pregnancy and breastfeeding.
- · List the social determinants of health that contribute to substance use in pregnancy.
- Recommend strategies and resources for supporting healthy pregnancies.

15:00 -15:30 **BREAK** RIDEAU CANAL ATRIUM 15 h à 15 h 30 **PAUSE** SECOND LEVEL

15:30-17:00 **CLOSING PLENARY ROOM 207**

PLÉNIÈRE DE CLÔTURE 15 h 30 à 17 h

WHAT DOES THE FUTURE HOLD FOR CANNABIS RESEARCH IN CANADA?

Having embarked on an historic transition – legalizing and regulating cannabis after almost 100 years of prohibition – has provided researchers, policy makers, health professionals and business with an equally historic task. Everyone is calling for more information on the impacts of cannabis use. To effectively address this challenge will require leadership and collaboration across jurisdictions, disciplines and sectors. This session will provide delegates the opportunity to be updated on the research agenda in the areas of mental health, public policy and basic science. Panelists will provide an overview of current and future research agendas and delegates will have the opportunity to reflect and provide comment.

MODERATOR:

• David Hammond, Professor, CIHR-PHAC Chair in Applied Public Health, University of Waterloo

PANELISTS:

- Nina Cluny, Team Lead, Partnered Initiatives, CIHR Institute of Neurosciences, Mental Health and Addiction
- Christopher Canning, Director of Programs and Priorities, Mental Health Commission of Canada
- · Rebecca Jesseman, Director, Policy, Canadian Centre on Substance Use and Addiction



ASSOCIATION CANADIENNE DE SANTÉ PUBLIQUE

The Voice of Public Health La voix de la santé publique

CPHA is the independent national voice and trusted advocate for public healt, speaking up for people and populations to all levels of government.

OUR VISION

A healthy and just world

OUR MISSION

CPHA's mission is to enhance the health of people in Canada and to contribute to a healthier and more equitable world.

cpha.ca

Porte-parole national indépendant et défenseur fidèle de la santé publique, l'ACSP parle au nom des individus et des populations avec tous les ordres de gouvernement.

NOTRE VISION

Un monde de santé et de justice

NOTRE MISSION

L'ACSP a pour mission de rehausser la santé des gens au Canada et de contribuer à un monde plus sain et plus équitable.

