As a department of the College of Medicine, Community Health and Epidemiology (CHEP) seeks to understand the individual and collective factors that determine health, applying this knowledge to maintain and improve the health status of populations while reducing inequities in health status between groups.

From teaching to research and community engagement, everything we do focuses on population health with a lens on social justice and equity for all.

**vision**

A society in which all people have equitable opportunity to experience optimal health.

**mission**

Create, synthesize, and translate knowledge for evidence-informed policies and practices which support population health equity, locally and globally.

**values**

Respect | Fairness
Excellence | Professionalism
We learn, teach, work, and live on traditional Indigenous territories that in Canada include treaty lands, unceded lands, and Métis homelands. We pay our respects to First Nation, Métis, and Inuit ancestors. The University of Saskatchewan is on the Homeland of the Métis and Treaty 6 territory. In our commitment to this place, we value respectful relationships with the people around us—past, present, and future—and the animals, lands, waters, and skies that nurture us all. We strive to live these values in our programs, activities, and interactions: relationships grounded in safety and humility, respect for all peoples and their worldviews, reciprocity in all relationships, relevance to holistic wellness, and responsibility for informed pedagogy and practice.

in this report

2 message from the department head
8 2022 spring luncheon
18 farewells & fresh faces

3 message from the dean
9 decolonizing practice
19 thank you

4 memorable moments
10 community-engaged research
20 appendix

6 navigating a new normal
12 celebrating our accomplishments

Cover Artwork: Nurturing a Healthy Future – Amanda Gannon, CHEP MSc student
As I reflect back on the past two years, I can see so many reasons to be thankful and hopeful for the future.

The resilience of the department was admirable. After a harsh and busy time due to the pandemic, being able to connect with each other, cautiously at first, was something to savour again. The everyday gestures of an academic life were taking a new meaning. I remember how special it was to meet, for the first time in person, students who had started their program almost two years ago. The outdoor end of year luncheon in May 2022 was the first time we could interact face to face, and it was such a celebration!

Course delivery became hybrid and faculty made sure to accommodate students with diverse circumstances. Our learners demonstrated a lot of engagement and were grateful to be supported in their professional dream’s pursuit.

Research intensity grew as evidenced by over $13.89 M awarded as PI and $17.83 M as co-investigators to faculty during this period. Many of the research topics focused on the aftermath of COVID-19, especially the impact on mental health and underserved populations’ health and well-being. It also worth highlighting the number of publications: 137 over these two years with 42 as first or last author and 65 as co-author.

We witnessed the establishment of the Division of Public Health and Preventive Medicine with 25 medical faculty whose home became more concrete and meaningful. We also celebrated the creation of the department of Indigenous Health & Wellness, a wonderful step towards “reconciliation” and hope.

Finally, the addition of three faculty was another source of renewed energy and strength for the department’s mission and outreach.

I wish to express my appreciation and thanks for the wonderful talents and collective efforts of each faculty, each research assistant, each learner who are part of the CH&E community. Discover and enjoy in the following pages highlights of the department’s accomplishments during the past two years.

Anne Leis, PhD
Professor and Department Head
2021 to 2023 was a challenging and transformative time, creating a shift in the way teaching is performed and research is conducted.

The pandemic disrupted every aspect of our lives and work, forcing us to rethink how we communicate, collaborate, and connect in a hybrid world. Despite the challenges of the past two years, the Department of Community Health and Epidemiology has displayed remarkable resilience, innovation, and cohesion among its members.

I’m very proud of the diverse and meaningful research undertaken by both faculty and students. It is wonderful to see how internal and external partnerships have become a cornerstone of the CH&E research program, and how vital community involvement is to research within the department. Significant funding was secured, making it possible to embark on impactful projects in areas such as COVID-19, maternal health in Mozambique, and IBD among Indigenous populations.

Over the span of these two years, as society and campus experienced a new normal, it was important for department members to enjoy in-person events and the fellowship and interaction they provided. Events focused on everything from sharing a meal to learning opportunities and embracing cultural awareness. Through these events, the department showcased sustainability measures and worked to create positive change.

CH&E has a bright future with successful students and residents, hard-working staff, and accomplished faculty members. I look forward to seeing the direction of the department and the outcomes from the incredible work that is being done. I am excited about the opportunities and challenges that lie ahead, and I know the Department of Community Health and Epidemiology is ready to embrace them with curiosity, creativity, and courage.

**Preston Smith**

Preston Smith, MD, MEd, CCFP, FCFP, CCPE  
Dean
Reflecting on the past two years, our department has remained steadfast in its commitment to realizing a world where everyone—regardless of sex, gender, ethnicity, ability, or sexual orientation—enjoys the benefits of health and wellbeing.

The COVID-19 pandemic cast a spotlight on systemic and other issues contributing to health inequities. Much of CHEP’s work has concentrated on deepening our understanding of those issues and working closely with communities to seek solutions. Beyond that, more than ever we understand and celebrate the value of working together towards shared goals.

The concept of togetherness is one that threads through all facets of what we do, and underpins many memorable moments shared as a department.
Safely together again:
September 2022 marked the department’s first in-person orientation post-pandemic. While we continue to take precautions and make accommodations—offering hybrid teaching, for example—it was a joyful experience to be able to welcome new and returning students to campus and, specifically, to our departmental community in person.

A milestone to celebrate:
The establishment of the Division of Public Health & Preventive Medicine in Spring 2022 represents a significant milestone in our department’s growth. Home to 25+ medical faculty with specialist training, the division supports the residency program in Public Health & Preventive Medicine, applied research, and continuing education activities. Division members come from a variety of employer backgrounds, including the Saskatchewan Health Authority (SHA), Saskatchewan Ministry of Health, Public Health Agency of Canada, Health Canada’s Department of Indigenous Services Canada, and NITHA. This diversity brings a richness of perspective to the division, led by SHA’s provincial department head.

Research impact:
From foraying into new, important lines of research to securing significant grant funding, our researchers continue to create impact at local, national, and international levels. We are proud of their hard work and pleased to see it recognized. It was particularly touching to witness Drs. Gary Groot and Tracey Carr—co-creators of the Métis Cancer Journal and Guide—be presented with an art piece from Métis Nation Saskatchewan to celebrate their efforts.
navigating a new normal

Transitioning to a post-pandemic world has meant critically evaluating and, where necessary, recalibrating all facets of our department. Navigating this new normal has not been without its challenges, but through this process we have seen how truly resilient, responsive, and resourceful our team—faculty, staff, and students—is.

A hybrid return to campus

The department has been intentional in supporting the needs of learners, balancing logistical requirements of resuming on-campus activities with opportunities for those not yet ready to meet in person to participate. This hybrid model of meeting and learning has opened new virtual doors, enabling connection with people from all parts of the world and furthering our departmental vision.

“In fall 2021 our department created safe spaces for students, with a staff person in the office. The campus is beautiful in the fall, and I enjoyed coming to work on crisp mornings and beginning to interact more in person.”

– Stephanie Kehrig, Graduate and Post-Doctoral Programs Assistant

“Taking classes online was a new experience for me, and it helped me to develop strong self-discipline and time management skills. Although unconventional, I found it interesting and came to enjoy it.”

– Tomi Odugbemi, MSc graduate
Conducting research in a post-pandemic world

As we adjust to a new hybrid reality, we continue to catch up on studies that were abruptly cut short, re-establish relationships, and move forward with emergent priorities—all while grappling with long COVID and other ongoing impacts of the pandemic on our daily lives. This work is not without challenges, but the department and community partners have demonstrated commitment by rising to the occasion.

A focus on sustainability

Our department is proud to lead and support initiatives that promote sustainable living. At our Spring 2023 Community Swap and Bake Sale, members of the department donated used clothing and household items for others to take for themselves. Anything unclaimed was donated to The Clothing Depot, a small community shop run by the Saskatoon Food Bank.

We updated our website to focus on the people and work of Community Health and Epidemiology.

We refreshed the digital departmental newsletter highlighting important initiatives and updates directly and indirectly related to our department.

We created an Indian Residential Schools News and Information Facebook group to chronicle the search for unmarked burials at former Indian Residential Schools in what is now Canada.
2022 spring luncheon
together at last

We were thrilled to welcome nearly 60 attendees to our 2022 Spring Luncheon.

The weather cooperated and we enjoyed Saskatoon’s crisp spring air. Complete with noodle bowls from The Vault, faculty, students, and staff safely gathered to share good food and stories. The excitement and energy were palpable from set-up until the final goodbye.

“The spring outing will forever go down in my memory as one of the best moments in uSask. Being an international student, it was a positive cultural shock for me to see the closeness between the students and the faculty members as they literally sat on the grass to mingle and have conversations in such a convivial atmosphere. Moreover, using one of the pictures I took that day as the banner of the website for the Department is another icing on this cake.”

– Oluseun (Peter) Ogunnubi, MSc student
At times, this work begets difficult conversations and discomfort; as a department, we recognize both are necessary to learn, unlearn, and grow.

**National Day for Truth and Reconciliation (September 29, 2022)**

Department members gathered to watch, “We Were Children,” a film exploring the profound impact of residential schools on Indigenous peoples in Canada. Quiet reflection was followed by a group walk to reflect on the orange lights and TRC Calls to Action banners in the Bowl.

**Department of Indigenous Health and Wellness**

As a department, we contributed to and supported the development and establishment of the Department of Indigenous Health and Wellness. This department is the first of its kind in a Canadian college of medicine and will be Indigenous led, ensuring research is informed by Indigenous community needs.

**Black History Month and Ad Astra Fundraiser (February 28, 2023)**

A special thank you to our organizing committee (Fernanda Andre, Isabelle Dena, Tracey-Ann Stitchell, Maud Muosleyirí, Joshua Shitta, Isaac Ieren, and Dr. Jacob Alhassan) who did an excellent job coordinating Black History Month events. These events included the Ad Astra Foundation (established by Dr. Jacob Alhassan) fundraiser that raised $500 for a rural Ghana library.

**Red Dress Day (May 5, 2023)**

Deana Thunderchild kindly provided supplies for department members to create paper red dresses and reflect on ongoing injustices and brutalities experienced by Indigenous women, girls, and two-spirit individuals. The dresses were hung on office doors in the department.
For years, the strength of our partnerships has been a primary focus of our department. The value of taking cues from community has become especially salient as we enter a post-pandemic era.

**CHEP x CCRAH**

CHEP has a longstanding, dynamic partnership with the Canadian Centre for Rural and Agricultural Health (CCRAH). Dr. Punam Pahwa is a joint faculty member who divides her time between the units co-located in the Health Sciences E-Wing. Several CCRAH faculty are also associate faculty within our department. A growing number of graduate students and other trainees have benefitted from this partnership, completing thesis projects and building skills through research, employment, and other opportunities.

For more than a decade, Drs. Punam Pahwa, Malcolm King, Sylvia Abonyi, and Bonnie Janzen have collaborated on respiratory and sleep health as well as housing research programs with two First Nation Cree communities in central and northern Saskatchewan. Led by Dr. James Dosman and involving several other CCRAH faculty and College of Medicine clinical colleagues, this team has secured three successive CIHR operating grants, as well as CIHR and SHRF funding to support knowledge mobilization.

In addition to peer review publications, reports, presentations, and infographics, research evidence and team advocacy has also facilitated provincial and federal policy change, reducing inequity in access to sleep health care in First Nations communities.
Mozambique-Canada Maternal Health (MCMH) Project

The Mozambique-Canada Maternity Health (MCMH) project combines international development and applied research with the goal of improving sexual, reproductive, maternal, and newborn health. Funded by Global Affairs Canada, the University of Saskatchewan is the executing partner working with the Inhambane Provincial Health Directorate (Dirección Provincial de Saúde Inhambane, DPSI) and the Ministry of Health (Ministério da Saúde Moçambique, MISAU) to implement.

Canadian members of the team include Dr. Nazeem Muhajarine, Dr. Sylvia Abonyi, Denise Kouri, Don Kossick, and Jessie Forsyth. Throughout the COVID-19 pandemic this team had to adjust their approach, focusing not on logistical limitations but instead on opportunities to bring new voices and innovations into the fold and continue towards the goal of improving sexual, reproductive, maternal, and newborn health in Inhambane, Mozambique.

Notable updates and achievements over the past two years include:

1. MCMH exceeded nearly 80% of community engagement targets spanning all areas of operation. During this period, for example, 30 new income-generating projects were initiated, operating across all 20 partner communities.

2. MCMH surpassed the project’s health system strengthening and training target. Continuing medical education and training sessions have been well attended by women. The project also successfully built four maternity clinics and six maternity waiting homes that have enhanced access to and use of health services.

3. Research findings informed MCMH activities. For example, the qualitative Maternal Experiences Study (MES) completed the final phase of 20 follow-up interviews which have supported conversations regarding policy on women’s experiences and gender-sensitive, humanized care.

4. In June 2022, a three-member team on behalf of GAC visited project sites, met with project partners and community members, and observed firsthand the activities and accomplishments of the project.

IBD among Indigenous Peoples Research Group

Funded by SHRF, this interdisciplinary research group is led by Dr. Juan-Nicolas Peña Sanchez. He is joined by graduate Jessica Osei and current graduate students of the department, as well as Indigenous patient and family advocates, clinicians, and other community experts. Together they advocate for improved health care and miyomahichowin (the Cree word for good health and wellbeing) among Indigenous peoples living with inflammatory bowel disease (IBD).
The Political Economy of the Overdose Crisis in Western Canada: An Exploratory Case Study

James Dixon, PhD

The current drug/substance overdose and deaths crisis in Canada has emerged in an era of neoliberal capitalism that deepened health and social inequities and brought increased precarity in the organization of work. Using qualitative case study methodology, this study explored contextual influences on the crisis in four Western Canadian sites. Data sources included publicly available data and reports from federal, provincial, and First Nations bodies, and 45 interviews with 51 key informants. Patterns of overdose deaths reveal an inequitable distribution of harms where working-aged men, First Nations people, and those working in blue-collar and service industries are overrepresented. Socioeconomic pressures, pain management, and the dynamics of illicit drug trade and prescription opioids were revealed as influences. This study provides emerging insight on the economic influences of crisis-related harms, offering a theoretical framework and hypotheses for ongoing inquiry and upstream intervention.
Tracey-Ann Stitchell, PhD

Following a sustained period of decreasing smoking prevalence by youth, public health concern has grown regarding the effects of new product and legislation on the smoking behavior of Canadian youth. Using two cycles of the Canadian Student Tobacco, Alcohol Drug cross-sectional survey of grades 7-12 students, this study aimed to describe the national prevalence of cannabis, e-cigarette, and tobacco cigarette use before legalization of cannabis (2014-2015) and immediately after (2018-2019), as well as identify associated preferences and behaviors. Descriptive statistics and multinomial logistic regression were used. The prevalence of cannabis use was unchanged; however, an increase in e-cigarette use and decreased use of tobacco cigarettes was observed. The risk of cannabis or e-cigarette use was higher in alcohol drinkers, passengers of a driver under the influence of cannabis, and consumers of energy drinks. The risk of tobacco cigarette use was similarly patterned but also included drinkers of alcoholic beverages with energy drink names. Attention to the multiple unhealthy risk behaviors and patterns of behavior associated with smoking preferences will be crucial in health promotion and intervention.

“I feel like I need to go back to my village, but where’s my village?”
A photovoice exploration of the experiences of harm reduction from community youth in Saskatoon, Saskatchewan
Amanda Gannon, MSc

Harm reduction is ultimately about meeting people where they are at in their health journey and supporting them in their path toward well-being. Using community-based phenomenological methodology, this photovoice study explored urban youth (aged 18-23) experiences of harm reduction in Saskatoon, Saskatchewan. Five themes, three highlighting supports and two encompassing barriers, best accounted for participant interpretations of their experiences: (1) Seeking Support, (2) Meeting Basic Needs, (3) Harms Reducing Harms, and (4) Community Disconnection, or (5) Stigma. Findings contribute to a wider understanding of harm reduction experienced by community youth in their everyday lives.

Piloting the CHIME Design Lab: Community-centred, Collaborative Health Innovation partnered with Medical Education
Dr. Savita Rani, PHPM Resident

Medicine can learn a lot from how practitioners in other disciplines like arts, humanities, and design work collaboratively. CHIME Design Lab explores the potential of these collaborative practices to better support problem-solving efforts and effect desired change in healthcare learning and work environments. CHIME is being developed as a physical and social space where diverse stakeholders explore problems in healthcare and medical education to generate, test, and evaluate equitable and just alternatives to the status quo. The CHIME Design Lab concept will be tested and refined through a series of pilot workshops and feedback sessions with medical students, residents, and educators.
STUDENT PRIZES AND AWARDS

A full list of graduates can be found in Appendix A.

Shay Quinn
a Métis student in the Master’s program in the Department of Community Health and Epidemiology with a research focus on Indigenous food sovereignty, received the Community Engagement Award at the Indigenous Student Achievement Awards Ceremony on March 9, 2023.

Dr. Amanda Rissling
a Public Health & Preventive Medicine resident, convocated in June 2023 from the Master of Public Health program at the U of S. She won the award of “Future Leader” which was defined as “the person most likely to make the biggest positive impact during future public health related situations.”

Dr. Jacob Alhassan and Jessica Osei
received the CH&E 50th Anniversary Legacy Prize at the Welcome and Orientation event held on September 9, 2022.

Student Resident Research Day
Best Presentation Winners

MASTER’S STUDENT AWARD:
Dinesh Dharel (2022, 2023)

DOCTORAL STUDENT OR CANDIDATE:
Vaidehi Pisolkar (2022)
Sahana Ramamoorthy (2023)

PUBLIC HEALTH AND PREVENTIVE MEDICINE RESIDENT:
Dr. Savita Rani (2022)

Dr. Dinesh Dharel was awarded Top Poster and was invited to present in the virtual oral session of the Section on Nicotine and Tobacco Prevention and Treatment Program in the American Academy of Pediatrics National Conference on October 9, 2021.
Amanda Gannon
MSc student, received College of Medicine Graduate Student Society Research Symposium Competition 3rd Place - April 23, 2022

Mikaela Vancoughnett
MSc and medical student, won First Place in the Community and Indigenous Health Category at the Undergraduate Research Symposium, held on October 19, 2022

Md Sabbir Ahmed
MSc student, won one of four Best Poster awards at the GSA Research Conference, on January 17, 2023

Nahin Shakurun
MSc student, was awarded the best poster in the Graduate Student Category at the Child Health Research Trainee Day on April 20, 2023

Harini Aiyer
PhD student, won the Research Excellence in Interdisciplinary Studies GSA Award! She received the award at the 11th Annual Graduate Student Association Awards Gala on Saturday, April 29, 2023
Dr. Anne Leis
was selected as the Western Canadian recipient of the Award Prix des Ameriques-Quebec in October 2021

Dr. Juan-Nicolás Peña-Sánchez
and co-authors received the 2022 Journal of the Canadian Association of Gastroenterology (JCAG) Thomson-Williams Certificate of Merit for their article, “Inequities in rural and urban health care utilization among individuals diagnosed with inflammatory bowel disease: A retrospective population-based cohort study from Saskatchewan, Canada”

Dr. Rachel Engler-Stringer
and Dr. Nazeem Muhajarine
received the Queen Elizabeth II Platinum Jubilee Medal (Saskatchewan) in January and April 2023, respectively
Don Kossick
A founding team member of the Mozambique-Canada Maternity Health Project—received one of Canada’s top honours in December 2022 when he was named a Member of the Order of Canada. Don was recognized for his promotion of human rights and social justice, and for his leadership in international development.

Dr. Malcolm King
was named a fellow of the Royal Society of Canada (RSC) in September 2021, in recognition of a long, outstanding research career. Dr. King has contributed substantially to the study of respiratory medicine and is one of Canada’s prominent leaders in the promotion of the health and well-being of Indigenous Peoples.

Recognition by the RSC for career achievement is the highest honour an individual can achieve in Canada in the arts, social sciences, and sciences.
We extended a warm departmental welcome to the following faculty, staff, and research managers:

### 2021

**Jacob Alhassan**  
Global Health Facilitator and Co-Lead of Global Health Certificate  
**Lana McDonald**  
Division of Public Health and Preventive Medicine Administrative Coordinator  
**Deana Thunderchild**  
Clerical Assistant  

### 2022

**Daniel Fuller**  
Associate Professor  
**Debra Haubrich**  
Communications Coordinator  
**Natalya Mason**  
Division of Social Accountability Community Engagement Specialist  
**Yolanda Palmer-Clarke**  
Saskatchewan Population Health & Evaluation Research Unit Research Officer  
**Cari McIlduff**  
Assistant Professor  
**Yvonne Hanson**  
Assistant Director, Urban Public Health Network Assistant Director

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**Dr. Lori Hanson**  
It is difficult to capture in a few words what you have brought to the department. Your inquisitive mind, your academic rigor, and your passion for social justice and advocacy that was emulated by so many of our students have been very inspiring. The good news is your emeritus faculty status will keep us connected. We wish you the best in this new phase of life.

**Cheryl Bolster**  
We are so appreciative for all the support you provided to faculty and to the department over the many years you worked with us. Your willingness to engage in different tasks and to use your creativity to improve relationships and communication left an enduring memory. We are sending you our best wishes for a healthy and fulfilling retirement.
thank you

Reports like these are an important part of the work we do as a department: they hold us accountable by encouraging reflection on the past and plans for the future.

The past two years have been marked by significant milestones, memories, and accomplishments—proof of the power and impact of working collaboratively and in community. We have also made significant progress, both towards our commitment to fulfilling the Truth and Reconciliation Calls to Action and to achieving health equity. While this work is far from done, as we look ahead we are indebted to the efforts of many who ensure our department evolves in a way that is thoughtful, responsive, and an embodiment of the change we strive to achieve.

Where we’ve been, where we are, and where we’re going are all shaped by the individuals, communities, and organizations that walk alongside us—even and especially during times when we have had to maintain a safe social distance. To the faculty, staff, students, partners, funders, and communities we serve and support: thank you.

The Department of Community Health and Epidemiology
appendices

APPENDIX A: LIST OF GRADUATES

Fall 2021

Jacob Alhassan, PhD; “It Feels Like Somebody Cut My Legs Off”: Public Transportation and the Politics of Health in Saskatchewan

Gideon Asamoah, MSc; Exploring Indigenous Traditional Healing Support Policies and programs in Canada, Australia, and New Zealand to inform the support for Indigenous Traditional Healing policies in Saskatchewan: A scoping review

Lizbeth Hernandez-Ronquillo, PhD; Diagnostic Performance of the ambulatory EEG versus routine EEG and risk factors for seizure recurrence

Cynthia Macaringue, MSc; A Multi-Method Study on the Impact of Transport Systems in Maternal and Newborn Health in Nampula Province - Mozambique

Razieh Safaripour, MSc; Machine Learning in Population Health: Frequent Emergency Department Utilization Pattern Identification and Prediction

Spring 2022

James Dixon, PhD; The political economy of the overdose crisis in Western Canada: An exploratory case study

Amanjot Kaur, MSc; Integrative Medical Care vs Standard Medical Care in Adult Patients with Depression

Fall 2022

Lisanne Kossick-Kouri, MSc; “They Feed Me Good”: Relational Food Systems in Saskatoon

Anousheh Marouzi, MSc; Premature and Avoidable Mortality by Neighbourhood Income in Urban Canada

Oluatomisin (Tomi) Odugbemi, MSc; The Need for Geropsychiatric Units to Improve Older Patient Outcomes at the Dube Centre, Royal University Hospital, Saskatoon

Sahana Ramamoorthy, MSc; Acceptability of Built Environment Interventions Aimed at Promoting a Healthy Diet and Physical Activity in Urban Neighbourhoods of Saskatchewan, Canada

Jacinda Sigurdson, MSc; The Good Food Junction Intervention: A grocery store, food security, and vegetable and fruit consumption

Spring 2023

Francis Abayateye, MSc; Socioeconomic Status and Risk of Chronic Respiratory Conditions in Rural Saskatchewan

Naima Afzal, MSc; Asthma in First Nations Adults: Prevalence and Associated Factors

Amir Reza Azizian, MSc; COVID-19 Vaccination in Three Sites in Saskatchewan: A Patient-Oriented Realist Evaluation

Jermia Foncham, MSc; Satisfaction of Individuals Living with Inflammatory Bowel Disease and Gastroenterology Care Providers with Telephone Care

Amanda Gannon, MSc; “I feel like I need to go back to my village…but where’s my village?”: A Photovoice Exploration of the Experiences of Harm Reduction from Community Youth in Saskatoon, Saskatchewan

Chhrysanthus Henry, MSc; Determinants Associated with Improvement in Depression Scores in a Cohort of Adult Patients Followed over 1 Year

Tracey-Ann Stitchell, PhD; Cannabis and E-cigarette Use and Associated Consequences Among Youth in the Context of Changing Legislation

20
APPENDIX B: LIST OF PUBLICATIONS

Published Chapters in Books: 2021-22


Nkhennor, B., Mukhopadhyay, B., Hanson, L., Birn A.E., Brisbois, B., Khare, N. PHM-Canada and Transnational Resistance to Canadian Mining. in MEDACT, PHM, Third World Quarterly, Global Health Watch 6 (Spring, 2022); ZED: London.

Published Chapters in Books: 2022-23


Published Papers in Refereed Journals: 2021-22


Fuller D, Ferber R, Stanley K. Why Machine Learning (ML) has failed physical activity research and how we can improve. BMJ Open Sport & Exercise. 2022;8:e001259. https://doi.org/10.1136/bmjsem-2021-001259


Melville, J., Carr, T., Goodridge, D., Muhajarine, N. & Groot, G. Sepsis screening protocol implementation: A clinician-validated rapid realist review, BMJ Quality and Safety. 2021, 18(22), 11932 https://doi.org/10.3390/ijerph182211932


Published Papers in Refereed Journals: 2022-23


Artwork: CSIPH (Collaborative Students in Public Health) – Odette Wills, Collaborative Biostats Graduate Student