

# Faculty of Health Sciences Annual Report

Research 2021-2022



uOttawa



Reflecting on the 2021-2022 Research Office's Strategic priorities offers an appropriate lens to share our Office's contributions over the most recent year.

We continued to support our researchers to navigate the COVID-19 restrictions (strategic priority #1). Restrictions were gradually softened. A lot of effort was put into safely resuming research with human participants on campus in a timely manner, including participants from vulnerable populations which was of utmost priority for many researchers in our Faculty. On January 31, 2022, we finally moved back to 100% research capacity.

We encouraged interdisciplinary and intersectoral synergies to advance knowledge in creative ways (strategic priority #2) through our continuous support for existing research centers and institutes. On October 21, 2021 the University inaugurated Canada's first Interdisciplinary Centre for Black Health. Our Faculty is associated with this Centre and several of our faculty members have assumed leadership roles.

External funding remained at record high levels for the Faculty, reaching \$11.7M in total funding and \$5.8M in tri-council funding, the latter representing more than a doubling of funding level over the past 5 years. Our research impact continues to grow, including in alternative forms of knowledge mobilization. Noteworthy are the more than 800 media-appearances, 57 active social media users, and 35 research team websites, merits of the researchers themselves. The Research Office will continue to further explore ways to develop Kmb strategies (strategic priority #3) to ensure the FHS research is recognized within and outside our community. Finding appropriate metrics to document and recognize these contributions is also on our agenda.

To promote a cultural change needed to support optimal use of research space (strategic priority #4), I continue to build on the work of my predecessors, Prof. Mario Lamontagne and Prof. Jeff Jutai, as we finalize policy guidelines for the assignment of Research Space, as well for the establishment of Shared Research Platforms (SRP). The latter will require minimum three researchers to collectively share research space and/or equipment. SRPs may benefit from internal financial support. These policies will assist with the upcoming move of many of our researchers to the new and exciting LEES campus. This past year we organized numerous meetings with research groups and individual researchers who will transition to the new building to mitigate the potential impact on research activities (strategic priority #5). We will continue this effort in the year to come.

Equity, diversity, and inclusion in research (strategic priority #6) is front and center in all aspects of the Research Office tasks. It was particularly guiding in the dossiers of Research Chairs. At the Faculty level, we secured an opportunity for a Tier 2 Canada Research Chair. The University launched a new and more transparent process for appointment of University Research Chairs, in which EDI played an important role. Results from this updated approach will be available shortly.

We hope it is safe to say that the end of the Pandemic is in sight, and that we can drop strategic priority #1 "navigating COVID-19" from our list. In 2022-2023, we're keeping or tweaking some of the remaining strategic priorities and advance a few new initiatives as well (see p. 13).

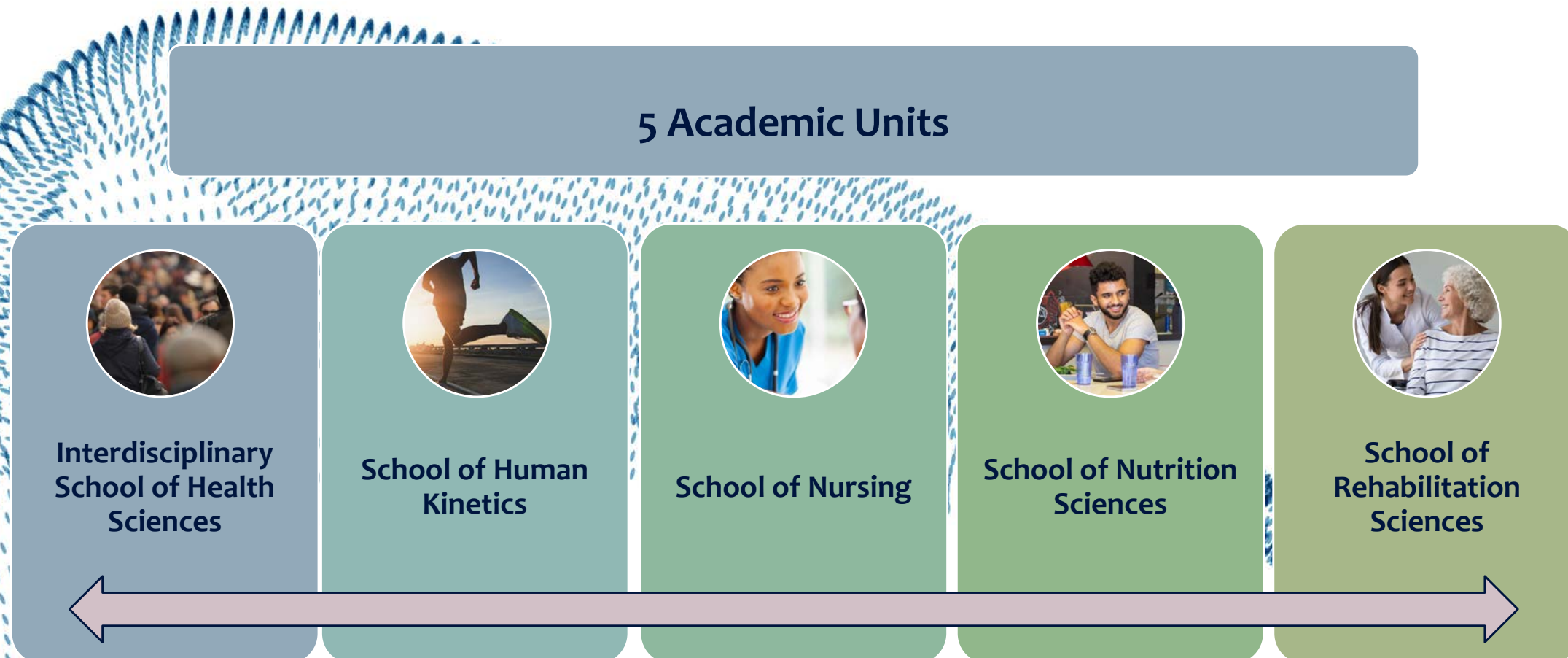
Besides these accomplishments, we continue to inform and support our researchers through our monthly Health Research Reporter, which is shared on Twitter, where we currently have more than 500 followers. The monthly 30-minute Health Research Conversations focus on specific research related topics and are becoming a well-known feature for our researchers. We will continue these initiatives in the coming year.

I would like to take this opportunity to sincerely thank the staff in the research office (see p. 14), for their valuable and relentless commitment. We were so proud that Dr. AnneMarie Gagnon, Senior Research Advisor received the President's Leadership Award this past year. So well deserved! (see pic. p.14). It is unfortunate that the Research Office is saying goodbye to Manon Danneau who has been the Research Communications and Administrative Officer for the past several years. I also want to thank the members of the Research Committee (see p. 14). I particularly want to thank our outgoing members: Dr. Janet Squires (SoN) and Dr. Linda McLean (SRS) for their generous contributions to the research enterprise and long-standing service to the Faculty.

Looking forward to another wonderful year in research

Marijke Taks  
Vice-Dean Research





122 tenure or tenure-track professors

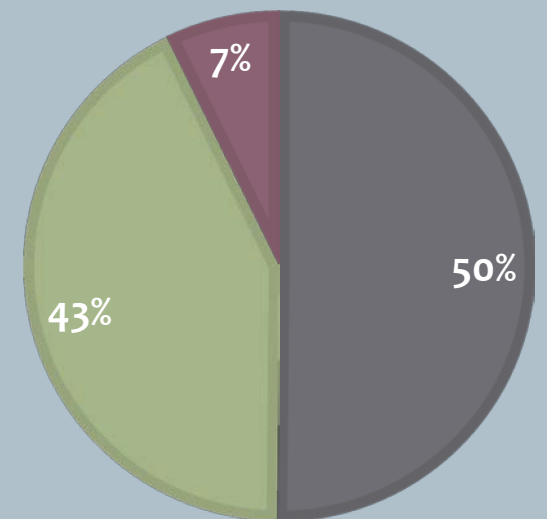
945 graduate students

29 postdoctoral fellows

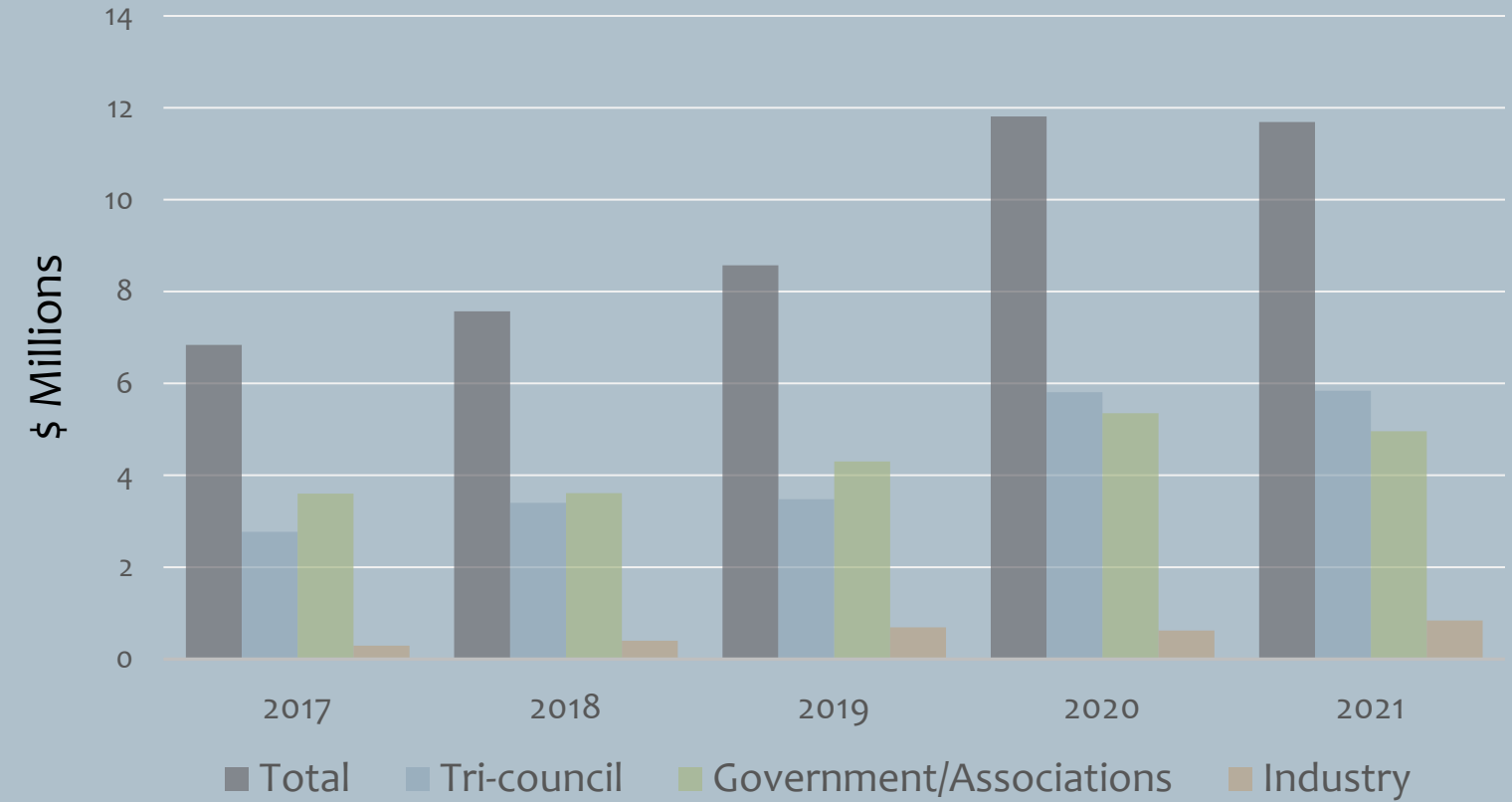
\$11.7M external funding  
 \$5.8M from tri-council

FUNDING DISTRIBUTION

■ Tri-council ■ Government / Associations ■ Industry



ANNUAL EXTERNAL RESEARCH FUNDING  
 Faculty of Health Sciences



Data derived from eAwards on April 14th 2022, filtering out infrastructure and equipment funding, as well as internal sponsor sources from the University of Ottawa or the Faculty of Health Sciences.





Data extracted from Scopus in April 2022 (published in 2021, citations in 2021), from 2020-2021 annual reports (presentations, products and media appearances). Social media account and website numbers were derived from internal files.



The LIFE Research Institute (LRI) is an action-oriented research hub that takes a comprehensive approach to aging by advancing knowledge and training on the physical, mental and social factors that impact quality of life throughout the life trajectory. In essence: Live long, live well and with choices.

One of the LRI's key priorities is to bring together researchers who would not traditionally work together and to foster connections amongst its members.

Notwithstanding the very many connections initiated by the Institute director to connect individual researchers, the LRI embarked on a series of morning meetings to foster interdisciplinary collaborations. These meetings, affectionately termed "The Breakfast Club" unite researchers across faculties that would ordinarily not engage in collaborative discussions around research initiatives.

You can find out more about the LIFE-RI by visiting their website ([LIFE-RI](#))



The Interdisciplinary Centre for Black Health addresses health disparities observed among people from Black communities, deficiencies in training for health professionals and research, and gaps in care and public health policy concerning them. As Canada's first academic research centre entirely dedicated to the study of the biological, social, and cultural determinants of health of Black communities in Canada, the ICBH is a leading research and training space, based on excellence and interdisciplinarity, that will guide the efforts of federal, provincial, territorial, and municipal agencies to understand, reduce and eliminate racial health disparities.

The Centre has five main axes of focus informed by critical race theory and intersectional lens: 1) prevention and management of chronic diseases (encompassing, among others, obesity, diabetes, hypertension, kidney disease, cardiovascular diseases, breast, and prostate cancer); 2) infectious diseases (e.g. HIV/AIDS, hepatitis B, COVID-19); 3) mental health and substance use; 4) population and public health; 5) Child and adolescent health.



The Centre for Research on Health and Nursing ([CRHN](#)) has revised its vision and goals to be a research centre that *fosters new ways of understanding and addressing health inequities and social injustices in Canada and the world*, aligning directly with the university's priorities of *Equity, Diversity, and Inclusion (EDI)* and supporting a culture of EDI in the Faculty of Health Sciences. Through its research hubs in Palliative Care and Nursing Ethics, Francophonie et Santé, and Postcolonial research, the Centre's priorities are to: 1) build the research capacity of researchers, students, and trainees; 2) promote knowledge mobilization of research methodologies, theories, and findings; 3) explore patient and provider perspectives and experiences of health and healthcare; 4) foster critical discourse in healthcare and health research.



Music and Health  
Research Institute

An innovative and impactful research Institute at the intersection of music, health sciences, social sciences, engineering and medicine. [The Music and Health Research Institute \(MHRI\)](#) explores the links between music and health in order to identify and develop solutions to improve the well-being of individuals and communities. Through its core principles of interdisciplinarity, action-oriented research, collaboration, equity, diversity and inclusiveness, the MHRI aims to make music accessible to all. Within its priorities, the Institute examines how music improves health at all levels (sensory, cognitive, physical and mental), as well as studies how to improve health and wellness for musicians themselves. The MHRI hosts a range of events throughout the year; you can learn about these by subscribing to their newsletter ([music.health@uottawa.ca](mailto:music.health@uottawa.ca)).



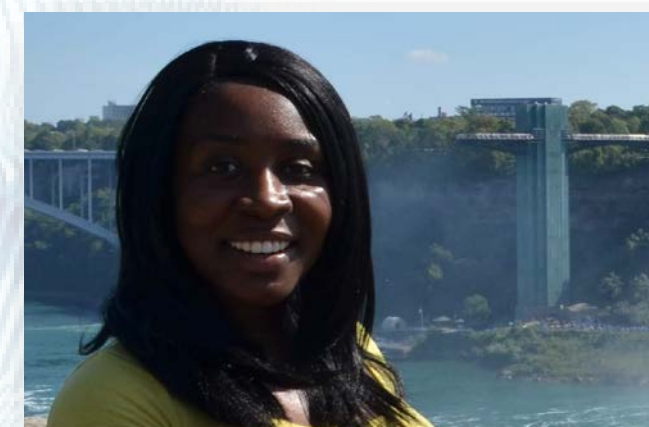
My research develops economic models and uses econometrics to test hypotheses and understand behaviours on real-world markets with a focus on sporting markets. I published on league design, fan preferences, salary, and ethnicity discrimination in the National Hockey League, and provided expert testimony related to Canadian Hockey League players.



**Kevin Mongeon**  
Associate Professor  
School of Human Kinetics

My research program focuses on the health and well-being of minority communities. I have a great passion for communities facing multiple minorizations, such as the intersection of issues for visible minorities in Francophones, and the effects this can have on their health and their access to care. Currently, my research focuses on the experience of French-speaking patient care providers and nurses with regard to health care provided in an official language minority context in Ontario. Having worked as a registered nurse in the emergency department, I keep a passion for the quality of care in the emergency and acute care sectors. Additionally, my master's in management has created an interest in health administration, as well as tensions corporations may face in providing equitable and inclusive health services for our growing diverse population.

**Mwali Murray**  
Assistant Professor  
School of Nursing



**Claire Tugault-Lafleur**  
Assistant Professor  
School of Nutrition Sciences

My research emphasizes healthy eating in children and youth and is shaped by my background as a pediatric dietitian. I integrate both population-based strategies (environmental and policies strategies) and behavioural strategies (individual-based psychological strategies) to address the complexity of influences on health behaviours associated with obesity in children and youth. I take a socio-ecological perspective to examine how key environments (home, school, and childcare environments) are linked with eating and physical activity behaviours. This work is foundational to design and evaluate interventions to promote optimal health outcomes for Canadian children.



An early career researcher, my research interests include, Aging in a Minority Context & eHealth, Perinatal Care, Nursing Education, Organization / Management of Health Services and International Health Criticism. Educated in Asia, Africa, and Canada, I draw on this background in nursing, public health, and health administration, along with my clinical, teaching, and health service management experience, to enrich my courses and research on various vulnerable groups. I have also worked in community nursing and, in Canada, in long-term care.



**Idrissa Beogo**  
Assistant Professor  
School of Nursing

My research interests include aging, access to health services, and systematic review methodology. In my current work, I explore how electronic consultation between primary care providers and specialists, allied health professionals, and community services, can lead to better access to care for older adults living with frailty. I am particularly interested in how this model can reduce inequities in access to care for underserved populations, including women, minority language, and rural populations. My work on systematic reviews involves the development of guidance for when and how to replicate systematic reviews of interventions. The goal of this work is to promote purposeful replication that can increase certainty in systematic review findings while reducing unnecessary duplication that contributes to research waste.

**Sathya Karunanathan**  
Assistant Professor  
Interdisciplinary School of  
Health Sciences



**Jean-Laurent Domingue**  
Assistant Professor  
School of Nursing

My research focuses on questions related to the political dimensions of nursing care with an emphasis on the government of marginalized individuals for purposes of public health and public safety. I ground most of my work in critical theory and leverage qualitative methodology to better understand how nurses interact through their clinical practice with hegemonic structures that maintain and sustain systemic inequalities and injustices. Using a critical ethnography methodology, I explored how the forensic psychiatric system produces persons unfit to stand trial (UST) or not criminally responsible on account of mental disorder (NCRMD) as dangerous individuals. I was particularly interested in understanding the contribution of nurses to this identity construction process. My current research projects include investigating mental health nurses' experiences of associative stigma when accessing physical health services for their patients and exploring the role of family members in the community reintegration of persons UST or NCRMD.



## 2 Canada Research Chairs



**Jennifer Brunet**

CRC T2 in Physical Activity promotion for Cancer Prevention and Survivorship

**Roanne Thomas**

CRC T2 in Qualitative Research with Marginalized Population

## 2 Chaires universitaires sur le monde francophone



**Jacinthe Savard**

Chaire de recherche sur la francophonie ontarienne

**Marie-Claude Thifault**

Chaire de recherche sur le monde francophone en santé

\*renewed\*

## 7 University Research Chairs



**Yan Burelle**

URC in Integrative Mitochondrial Biology  
\*renewed\*

**Ryan Graham**

URC in Biomechanics and Data Science for Human Health and Performance

**Dave Holmes**

URC in Health Evidence Implementation

**Glen Kenny**

URC in Human Environmental Physiology

**Janet Squires**

URC in Health Evidence Implementation

**Dawn Stacey**

URC in Knowledge Translation to Patients  
\*renewed\*

**Chibuikwe Udenigwe**

URC in Food Properties and Nutrient Bioavailability

## 7 Endowed Research Chairs



**Josephine Etowa**

OHTN Chair in Black Women's HIV Prevention and Care

**Wendy Gifford**

Loyer DaSilva Research Chair in Community and Public Health Nursing

**Pascal Imbeault**

Montfort Research Chair in Physical and Mental Comorbidities

\*extended\*

**Glen Kenny**

SmartCone Technologies Inc Research Chair in Heat Stress Monitoring and Management

**Linda McLean**

University of Ottawa Chair in Women's Health Research

**Patrick O'Byrne**

Ontario HIV Treatment Network Research Chair in Public Health and HIV Prevention

**Annie Robitaille**

Perley Rideau Chair in Frailty Informed Care

*Research Chairs held or received by Faculty members between May 1<sup>st</sup> 2021 to April 30<sup>th</sup> 2022 have been included in this report.*





**Fellowship of the American Academy of Nursing**

Patrick O'Byrne



**Canadian Drowning Prevention Coalition's 2021 Drowning Prevention Award**

Audrey Giles



**Fellowship of the Canadian Academy of Nursing**

Dave Holmes



**Fellowship of the Dietitians of Canada**

Isabelle Giroux



**Fellowship of the Canadian Academy of Nursing**

Janet Squires



**University of Ottawa, Excellence in Research**

**University of Ottawa, Dean's Award for Excellence in Research Award**

Glen Kenny



**Fellowship of the Canadian Academy of Nursing**

**University of Ottawa, Dean's Award of Excellence-EDI Research Impact**

**Trailblazer Award, Canadian Science Policy Centre**

Josephine Etowa



**University of Ottawa, Distinguished University Professor Award**

Dawn Stacey



**Fellowship of the Canadian Academy of Nursing**

Craig Phillips



**Honours of the Academy Award, Canadian Academy of Audiology**

Elizabeth Fitzpatrick



**Fellowship of the Canadian Association of Occupational Therapists**

Rose Martini



**Centenary Medals of Distinction, Canadian Physiotherapy Association**

Judy King



**University of Ottawa Knowledge Mobilization Award**

Wendy Gifford

Despite COVID-19 restrictions still impacting gatherings, the Faculty has hosted several events throughout the year, either virtually or in-person. The events continue to build relationships within our local community, and with partners across Canada. Here is a sample of the activities that took place between May 2021 and April 2022.

Congratulations to all for these wonderful initiatives!

The Interdisciplinary School of Health Sciences continued its successful **Profiles in Leadership Series**. This year's topics were centred on Equity, Diversity and Inclusion with speakers Dr. Thais Coutinho (University of Ottawa Heart Institute), Dr. Seye Abimbola (The University of Sydney), and Dr. Naheed Dosani (University of Toronto). In April, the School welcomed our Mayor, Jim Watson, as well as Dr. Jane Philpott (Queen's University). The School also hosted methodological seminars by key leaders in their fields: Dr. Josette-Renée Landry (Savoir Montfort) presented technologies for minority community care, Dr. Brian Hutton (OHRI) provided insight on conducting systematic reviews, and Prof. Zofia T. Bilińska (Poland) discussed the use of genetic testing.

The LIFE- Research Institute embarked on a series of morning meetings to foster interdisciplinary collaborations. These meetings, affectionately termed **The Breakfast Club** unite researchers across faculties that would ordinarily not engage in collaborative discussions around research initiatives.

The monthly **Health Research Conversations** provided a platform for experts and researchers to exchange on a variety of topics, including research data management, human resources in research and financial management, as well as learn about various programs and opportunities at Kanata North and with Mitacs.

Marie-Claude Thifault, Martin Bonnard, and Alexandre Klein presented an exclusive sneak peak of the web documentary **Les infirmières en folie**, an interactive platform that traces the history of psychiatric nursing in Quebec through the trajectories of three nurses.

The Centre for Research on Health and Nursing has launched the **Black, Indigenous, and People of Colour (BIPOC) Health Sciences Student Group**: This new student group meets monthly to promote empowerment, belonging, and support.

The **Eastern Canada Sport and Exercise Psychology Symposium (ECSEPS)** was hosted by the School of Human Kinetics in March 2022. This student-led international event welcomed 120 presentations over 2 days.





Stimulate **Equity, Diversity and Inclusion** in research



Through creative KMb strategies, **encourage end-user engagements**, to promote innovation, partnerships, and commercialization



Facilitate interdisciplinary, interfaculty and intersectoral **collaboration**



Develop **efficient and effective communication** strategies to reach audiences within and outside the Faculty



Invest in the **planning of the new LEES campus** to ensure limited impact on research activities



Promote a cultural change to enable **optimal use of research space**





**RESEARCH COMMITTEE**



**Janet Squires**  
School of Nursing



**Krista Power**  
School of Nutrition Sciences



**Linda McLean**  
School of Rehabilitation Sciences



**Michael De Lisio**  
School of Human Kinetics



**Shannon Bainbridge**  
Interdisciplinary School of Health Sciences



AnneMarie and our Dean Lucie Thibault posing with their President's Awards for Service Excellence

**RESEARCH OFFICE**

Marijke Taks Vice-Dean Research

AnneMarie Gagnon Senior Research Advisor

Manon Danneau Research Communications and Administration Officer

Zoi Coucopoulos Scientific Grants and Awards Officer

Reach us by email: [fssrecherche@uottawa.ca](mailto:fssrecherche@uottawa.ca)