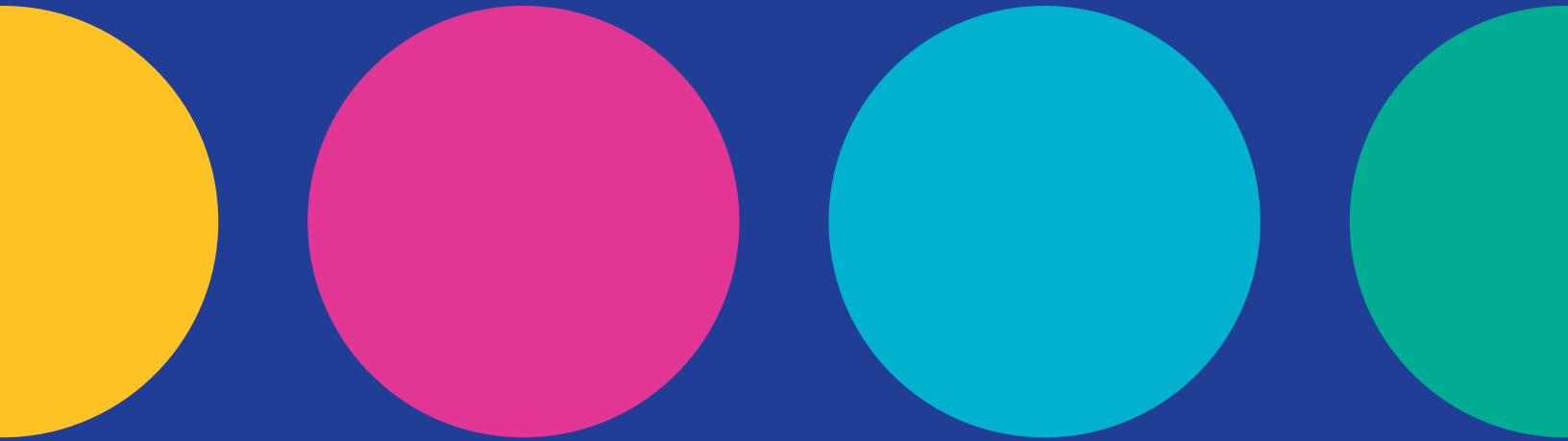


School of Pharmacy

Annual Report

2021–2022



PHARMACY

Our Vision, Mission & Values

Vision

To be a distinguished leader in pharmacy education, practice, and research to improve people's health and well-being.

Mission

To foster excellence in pharmacy education, practice and research in partnership with the broader community, preparing graduates to be leaders, innovators and inter-professional collaborators.

Values

Excellence

We encourage and promote excellence through innovation and creativity, critical thinking, and problem solving.

Integrity

We are honest and ethical in all our interactions, maintaining the highest ethical/moral standards in teaching and learning, research, and public engagement.

Collaboration

We engage in respectful collaborations that promote success in education, research, practice, and public engagement.

Accountability

We accept responsibility for achieving common goals and objectives.

Leadership

We embrace and foster leadership in education, practice, and research, engaging with others to contribute to knowledge and skills that improve people's health and well-being.

Sustainability

We act in a manner that is environmentally, economically, and socially sustainable in administration, academic, and research programs.

The School's Strategic Directions

Teaching
& Learning

Research

Public
Engagement

Enabling
Success

Message from the Dean

Dr. Shawn Bugden

As we reflect on the 2021–2022 year, there is great deal for the School of Pharmacy to celebrate. In the fall of 2021, we began this celebration with our Scholarships & Awards ceremony. We are very thankful to all the alumni and donors that make this event possible and provide much needed support for our students. In turn, we also like to celebrate our alumni with Janice Audeau receiving our Alumni Achievement Award. Dr. Audeau is a double alumnus of Memorial's School of Pharmacy, graduating from our Working Professional PharmD program in 2022. Yet somehow, in her role with the Pharmacist Association of Newfoundland and Labrador (PANL), Janice still found time to be everywhere during the pandemic and has truly been a leading voice for pharmacy.

Pharmacy has been forever changed by the pandemic. Our Medication Therapy Services Clinic was right in the middle of it all giving Covid vaccinations, but also adapting their processes to allow remote delivery. As we inch back to the new “normal”, the MTS clinic, the School of Pharmacy and the profession are all trying to pick through the good and the bad and try to retain the practices that help the profession to move forward.

On the teaching front, there were some major milestones reached this year. We were very pleased to move from provisional to full accreditation status with the Canadian Council for Accreditation of Pharmacy Programs (CCAPP) in June 2022 for a five-year term ending in June 2027. Also in June, after a year with no graduates, we—and the whole profession—were delighted to celebrate the first graduation of the first entry-level PharmD class.

In research, there was much to celebrate on multiple fronts. Dr. Hai Nguyen spent time at the Johns Hopkins Bloomberg School of Public Health after winning a Fulbright Research Scholarship.

Dr. Lee coordinated Newfoundland's participation in World Hypertension Day by checking the blood pressure of over 500 patients in collaboration with community pharmacies across the province. (That reminds me, I really should get my blood pressure checked.)

The Cannabis Health Evaluation and Research Partnership (CHERP) group, coordinated by Drs. Bishop and Donnan, continues to engage in high profile public events directed at safe and informed cannabis use. Our students have also had great success.



Bronwyn Bridges, a PhD student, has fittingly built a bridge to entrepreneurship with a project involving computerized assessment of Parkinson's disease. After winning the Memorial Mel Woodard Cup for this work, she went on to place second in the Global Student Entrepreneur Awards (GSEA) National Championships. Her partnership with Gordon Genge and the formation of their company (PharmClin) has moved her PhD project out of the lab and it has the potential to revolutionize the assessment of Parkinson's therapy.

Olivia Perry was also successful in taking her research poster, first presented at the School of Pharmacy Research Day, on to the national CSPA conference and winning the undergraduate poster award.

So much accomplished and so much more to do—both for the school and the profession. But it is good to take a moment to look back, to celebrate, take a breath and then get back at it. ●●●●

Teaching & Learning

Scholarships & Awards Ceremony 2021

Every fall, the School of Pharmacy's Scholarships & Awards Ceremony celebrates our students' achievements, hard work and determination, as well as the generosity of our preceptors. COVID-19 meant that our in-person ceremony was smaller than usual, but we were happy we could be together, albeit masked up and socially distanced. Here is a selection of highlights from our 2021 ceremony.



Our Preceptor of the Year for Community Pharmacy was Paul Bitsack.



Our Preceptor of the Year for Hospital Pharmacy was Heather Slaney.



Our Alumni Achievement Award winner was Janice Audeau.



Janice Audeau delivered her Alumni Achievement Award speech to the auditorium. We were grateful to have many of our pharmacy students, as well as many members of the greater pharmacy community. It had been a while since we were able to gather in person. It was a successful night!

Cannabis Crossroads: Growing Knowledge and Weeding Out Misinformation

The Cannabis Health Evaluation and Research Partnership (CHERP) held a [series of webinars](#) on October 6 and 20, and on November 3 and 17.

CHERP is a research group whose primary goal is to determine how cannabis legalization has affected health and public safety in Newfoundland and Labrador.

The webinar series was developed to share knowledge and create conversations around safe cannabis use and was in response to extensive public consultation that suggested a need for public education on cannabis related issues. The series consisted of four biweekly webinars with panels of experts answering questions and discussing different topics related to cannabis. One of these webinars was a continuing education session for health care professionals where there were discussions on issues surrounding medical cannabis and harm reduction strategies.

A few of the speakers and panellists were: Paul Seaborn, management professor, University of Virginia; Taylor Giovannini, chief executive officer and president of Oceanic Releaf, NL; and, Dr. Alia Norman, lead physician, Newfoundland CANABO Clinic.

A poster for the 'Cannabis Crossroads' webinar series. The background is a close-up of green cannabis leaves. At the top, a white box contains the text 'Join us for CHERP's inaugural webinar series' and 'CANNABIS CROSSROADS' in large bold letters, followed by 'Growing knowledge and weeding out misinformation'. To the right of this text is a line drawing of a wooden signpost with two arrows pointing in opposite directions. Below this, a larger white box lists four webinars: Webinar 1 (Access to Safe Cannabis Use, Oct 6th, 12pm-2pm), Webinar 2 (Cannabis Use and the Workplace, Oct 20th, 12pm-2pm), Webinar 3 (Cannabis Use and Driving, Nov 3rd, 11am-1pm), and Webinar 4 (Information about Medical Cannabis, Nov 17th, 12pm-2pm). At the bottom left are logos for CHERP (Cannabis Health Evaluation & Research Partnership) and Memorial University. At the bottom right, it says 'Registration is free', 'Registration link found at https://bit.ly/3BwIx9x', and includes a QR code with the text 'Scan me'.

Public Engagement

MTS Clinic Helped Deliver COVID-19 Boosters



Above: Melissa Kieley and Denise Burke. Below: Three of our COVID-19 vaccinators: [John Doe](#), Karina Arnold and Dr. Jeremy MacDonald.

Before the Omicron wave in mid-December—right before Christmas break—our pharmacists and pharmacy students were invaluable in the continued fight against COVID-19. The School of Pharmacy is proud to have been an integral part of community health, while giving our students real-life, hands-on experience.



Public Engagement

March 2022: Pharmacy Appreciation Month (PAM)

The School of Pharmacy's students put off yet another successful month of events to honour and highlight the important role pharmacies and pharmacists play in our communities and hospitals. This became even more evident during the COVID-19 pandemic, as pharmacists were critical in vaccinating all eligible Canadians.

Melanie King (right), at the time, a second-year student and chair of the Pharmacy Appreciation Month (PAM) 2022 committee, wrote a [Gazette article](#) about how starting pharmacy school and joining the profession of pharmacy during the COVID-19 pandemic has given her an even greater respect and admiration for her chosen profession.



MUN Pharmacy Appreciation Month March 2022

SPOTLIGHT SUNDAY	MISCONCEPTION MONDAY	TEACHING TUESDAY	WELLNESS WEDNESDAY	TALKS THURSDAY	FACT FRIDAY	SUPPORTIVE SATURDAY
		Rx Vigilance Presentation 4:30-5:30pm 1 Pharmacy Attire PAM Kick off Contest Virtual Health Promotion WPP PharmD @ 7pm	Advancement of Pharmacy Practice Jeopardy time 5-6pm Lecture Hall I 2 Community pharmacy takeover Trudell Medical: Inhaled Medication conference 8:30pm	CSHP Symposia 1-2pm Lecture Hall A 3 Virtual Health Promotion WPP PharmD 7pm	MDI Fact Friday 4 Release of NLNTP White Coat Walk Off Video	ISPF Blood Drive 11am-1:30pm 5
Student Appreciation posts 6	Social Media Contest #1 7 Vaping cessation presentation with Dr. Phillips 1-2pm in Lecture Hall A	International Women's Day Campaign 8 OSCE quiz 1 posted Virtual Health Promotion WPP PharmD 7pm Pharmafacts 11:30pm	Wellness Week: Positive Messages and Mental Health Resources Info 9	Health Promotion Fair 11:30-1:30 at CS atrium 10 Virtual Health Promotion WPP PharmD 7pm	OSCE quiz deadline draw 11 Biospace fundraiser for gathering place 6-6:45pm Release of NLNTP Spelling Bee Video	Farmers market outreach 12
Pharmacist/ pharmacy team appreciation post 13	Social Media Contest #2 14	OSCE quiz 2 posted 15 Virtual Health Promotion WPP PharmD 7pm National CAPSI PAM Meet and Greet Social 9:30pm NST	Virtual yoga live with Yellow Martin from Modo Yoga 7-8 pm 16	Autism Society 1-2 pm in Lecture Hall A 17 Virtual Health Promotion WPP PharmD 7pm Evidence Based Medicine Competition	OSCE quiz 2 deadline/draw 18 What a pharmacist does video? Release of NLNTP Mock Mock OSCEs	Public pill drop 10-2 @ MTS Clinic 19
Research Highlight #1 20	Social Media Contest #3 21 Shoppers job opportunities Lunch & Learn for Classes of 2023/24 Lecture Theatre A	OSCE quiz 3 posted 22	Wellness Week Craft event 6:30-7pm 23	Gsk consumer health presentation on Advil 1-2pm in Lecture Hall A 24	OSCE quiz 3 deadline/draw 25 Release of NLNTP Talent Show Video Deprescribing presentation with St. Luke's	Hypertension Clinic 12-2pm @ Kenmount Bingo 26
Research Highlight #2 27	Social Media Contest #4 28 HIV Trivia event 1-2pm	OSCE quiz 4 posted 29	Wellness Week Advice video from Kara O'Keefe 30	Dr. Kelly and other HPI professionals panel 1-2pm in Lecture Hall A 31 OSCE quiz 4 deadline/draw PAM passports deadline Announcement of NLNTP Winner and Winner of voting prize	Happening all throughout March: - Virtual School Presentations - STEM Presentations for Scouts and Girl Guide Groups - donations for the Gathering Place - Stickers sales for Tommy Sexton Centre Hospital pharmacy takeover date to be determined *All activities subject to change*	

Thank you!
Pharmacy



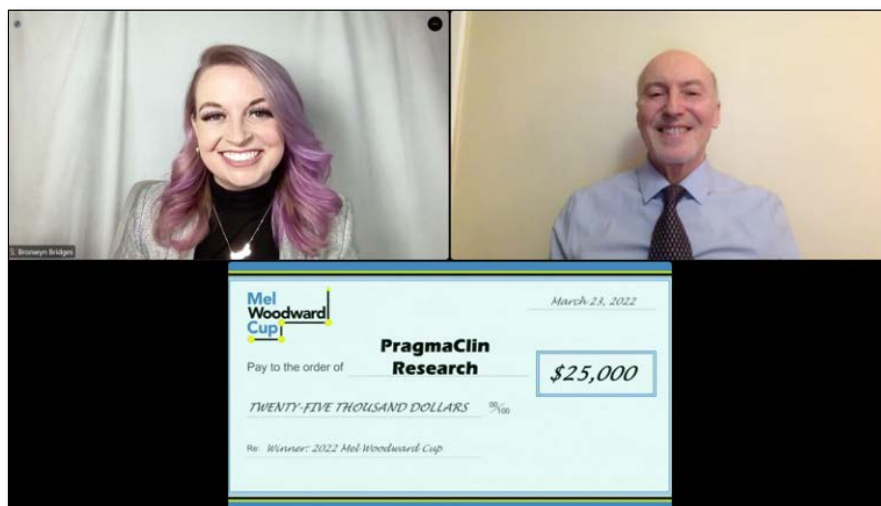
Above: Pharmacy students organized a full calendar of events in honour of PAM 2022.

Research

Bronwyn Bridges & PragmaClin Won Mel Woodward Cup

Bronwyn Bridges, a pharmacy PhD student, co-founded [PragmaClin Research](#) along with business partner and Parkinson's patient Gord Genge. On March 23, 2022, [PragmaClin won the Mel Woodward Cup](#). Ms. Bridges and Mr. Genge were awarded \$25,000.

This opportunity will open doors to many valuable connections in the future.
—Bronwyn Bridges



Company Created to Make Health Care More Accessible



Above: Bronwyn Bridges.
Right: Gord Genge.

Bronwyn Bridges and Gord Genge co-founded PragmaClin and [their first product](#) is called Parkinson's Remote Interactive Monitoring System or PRIMS. It can remotely monitor, analyze and rate Parkinson's symptoms' severity.



Enabling Success

White Coat Ceremony & Honorary White Coat Recipient

2022's White Coat Ceremony was a busy one! Two classes were inducted into the profession of pharmacy: the Class of 2025 and the Class of 2026.

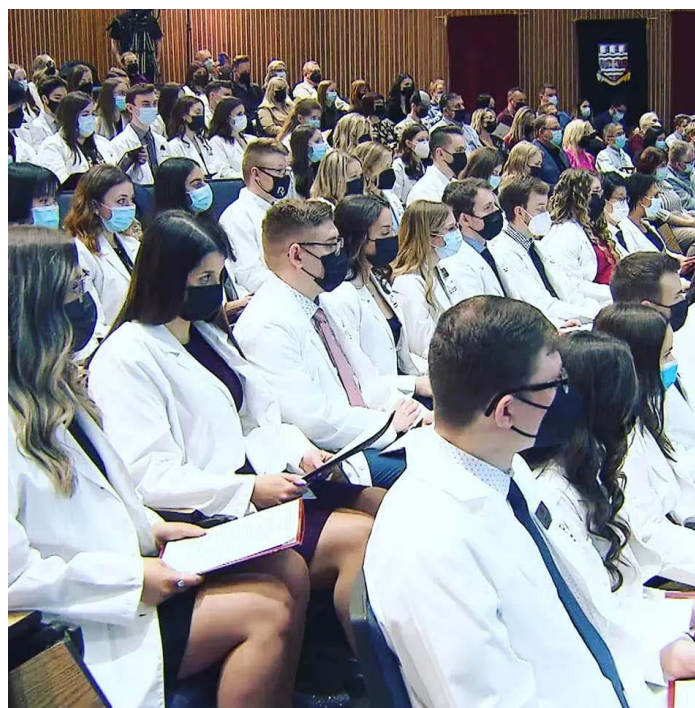
Originally, the event was going to be on January 20, but with the arrival of the Omicron wave of COVID-19, it was decided that it should be held at a later date. It was held on April 5, instead, and was webcast for family, friends and special guests in order to follow public health guidelines.

The Honorary White Coat recipient was Ms. Christina Tulk, a School of Pharmacy alumna. And, although the Honorary White Coat tradition began

in 2016, Ms. Tulk was the first School of Pharmacy graduate to be named the recipient of this esteemed award. "That in itself is humbling. It gives me a huge sense of pride and career satisfaction to be recognized like this."



Above: The School of Pharmacy's annual White Coat Ceremony e-invitation.



Dr. Laleh Alisaraie's Journal Cover for *Molecular Systems Design & Engineering*



A paper from Dr. Alisaraie's lab was selected for the [front cover](#) of the April issue of *Molecular Systems Design & Engineering* (MSDE), a journal by The Royal Society of Chemistry. The paper, by Dr. Alisaraie and Karina de Almeida Barcelos, was entitled, Microtubule-inspired functionalization of carbon nanotubes: a biomimetic carrier design.

For more information and to read the article, please download it [here](#).



Dr. Hai Nguyen Was Invited to Ottawa to Discuss His CIHR Grant on the Impacts of Alcohol Policies During COVID-19



On April 21, 2022, the Canadian Federal Minister of Mental Health and Addictions, the Honourable Carolyn Bennett announced almost \$2 million for research that will inform alcohol-related policies and interventions in Canada. You can read the CIHR's press release [here](#).

One of the researchers who received funding was Dr. Hai Van Nguyen who will work with colleagues at Memorial University of Newfoundland to study the behavioural and health effects of alcohol policy changes during COVID-19 in Canada. Researchers will also examine interventions to prevent, treat, and reduce the harms of problematic alcohol use, as well as the effects of alcohol use and related health and psychosocial on specific populations and determinants of health. (From CIHR's press release)

Research

Dr. Tiffany Lee Spearheaded a Campaign to Coincide with World Hypertension Day: May 17, 2022

Adult blood pressure levels in Newfoundland & Labrador: A cross-sectional study

**The study is now complete.
Thank you to all our participants!**


The winners of the prize draw have been contacted and the gift cards distributed.



The School of Pharmacy's homepage banner let participants know when the study had concluded.

With high blood pressure being a leading cause of death or disability in Newfoundland and Labrador, Dr. Lee spearheaded a campaign to measure the blood pressure of about 500 people in Newfoundland pharmacies on World Hypertension Day on May 17, 2022. The campaign helped raise awareness about controlling blood pressure in adults.





High Blood Pressure

is a leading cause of death and disability

Do you know *YOUR* numbers?




Researchers at Memorial University are interested in learning more about blood pressure levels and blood pressure control among adults in NL

On May 17, 2022 (World Hypertension Day) have your blood pressure measured by a pharmacist

Participants can enter to win one of ten \$100 VISA gift cards

For more information and a list of participating pharmacies, contact tiffany.lee@mun.ca or visit www.mun.ca/pharmacy

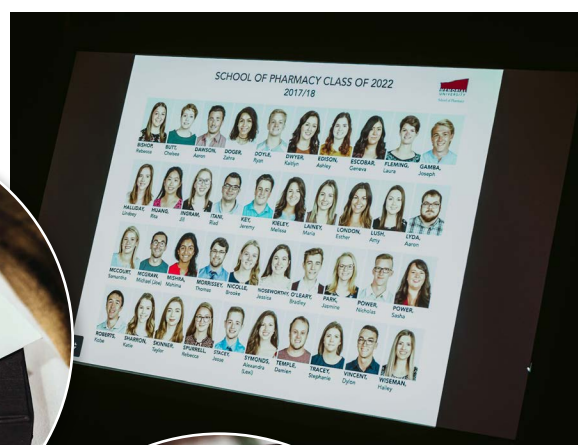
If you have questions about your rights as a research participant, please contact the Health Research Ethics Authority at 709-777-6974 or info@hrea.ca



Enabling Success

First Entry-to-Practice PharmD Class Graduation

On Saturday, June 4, 2022, the School of Pharmacy held their graduation dinner and dance. It was a night to remember, especially since Covid had kept any in-person celebrations from happening for a couple of years. Also, this graduation was for the first PharmD class, which made it extra special.



All images © Aimee Nicole Photography

Public Engagement



Dr. Bugden Elected Chair of the CPhA

Dr. Bugden was elected Chair of the Canadian Pharmacists Association (CPhA) for the 2022–2023 term, and he represents the Association of Faculties of Pharmacy of Canada (AFPC) on the Board of Directors.



Canadian
Pharmacists
Association

Association des
pharmaciens
du Canada

Doctor of Pharmacy Program Awarded Accreditation Status for Five-Year Term

In June 2022, the School of Pharmacy's Doctor of Pharmacy program was awarded [Accreditation status](#) by the [Canadian Council for Accreditation of Pharmacy Programs](#) (CCAPP) for a five-year term ending June 30, 2027.

The Accreditation process is extensive and thorough. Earning and maintaining Accreditation status indicates the School's PharmD program is held to CCAPP's high standards and is constantly working towards improvements.

The School will be required to submit an interim progress report at some point during the accreditation period.



Pictured with the School's Accreditation certificate, l-r: Associate Dean, Undergraduate Studies, Dr. Erin Davis; Dean, Dr. Shawn Bugden; Senior Administrative Officer, Ann Marie O'Keefe-Penney; Associate Dean of Research and Graduate Studies, Dr. Hu Liu.

Teaching & Learning

SaferMedsNL Presented at CPhA Conference in Ottawa



Above: Kelda Newport presented the oral abstract as project coordinator of SaferMedsNL. Dr. Debbie Kelly and Dr. Justin Turner were co-leads of the project. Below right: A still image from an ad campaign by Perfect Day about deprescribing sleeping pills during the COVID-19 pandemic, when sleeping pill prescriptions were at an all-time high.

In June 2022, [SaferMedsNL](#) had an oral abstract accepted for the Excellence in Pharmacy Practice Research Sessions at the CPhA conference in Ottawa. The title of the presentation was, *Identifying strategies to support the implementation of a provincial deprescribing initiative, SaferMedsNL: Outcomes from focus groups with community pharmacists and prescribers in Newfoundland and Labrador.*

SaferMedsNL's public awareness campaign concluded in December 2021. Its main objective was to promote safe and effective medication use for people living in Newfoundland and Labrador.



Enabling Success

School of Pharmacy's 13th Annual Golf Tournament



Every summer for the past 13 years, the School of Pharmacy has had their annual golf tournament to fundraise for student scholarships and initiatives with great success! The tournament raised \$22,305: an incredible achievement! The School of Pharmacy is very grateful to all of our sponsors.

2022's tournament had the perfect golfing weather: blue sky, sunshine and not much wind, thankfully.

Rain or shine, it's always a good time and it seems to be getting better with each passing year. We're already looking forward to next summer's tournament!



Research

Bronwyn Bridges Competed in the Global Student Entrepreneur Awards (GSEA) National Championships

This past July, Ms. Bridges, a PhD candidate at the School of Pharmacy, competed in the Global Student Entrepreneur Awards (GSEA) National Championships, held in Halifax, NS. Ms. Bridges competed with the company she co-founded with Gord Genge, PragmaClin, along with its flagship software PRIMS (Parkinson's Remote Interactive Monitoring System). The GSEA competition is open to Canadian student entrepreneurs.

Ms. Bridges finished second overall, receiving \$25,000, after delivering a live, 30-minute pitch to a panel of three judges.

As well, in the six months leading up to the publication of [Building 'Bridges'](#) in the Gazette, Ms. Bridges had won \$125,000 at various competitions—many of which were for university student entrepreneurs and initiatives.



Above: Bronwyn Bridges with her award.
Left: Gord Genge and Bronwyn Bridges founded PragmaClin over two years ago. Mr. Genge was diagnosed with Parkinson's in 2019.

Dr. Hai Nguyen Named Fulbright Canada Research Chair



The associate professor and Canada Research Chair (Tier 2) in Health Policy Evaluation and Health Care Sustainability, School of Pharmacy, was named Fulbright Canada Research Chair in Public Health at Johns Hopkins University, an opportunity of a lifetime.

Dr. Nguyen spent four months conducting research at the Bloomberg School of Public Health in Maryland. He was initially supposed to travel to the U.S. the previous year, but the COVID-19 pandemic delayed his start date.

“My research will focus on evaluating the effects of Canada’s recreational cannabis legalization,” Dr. Nguyen told the [Gazette](#) during a recent conversation. (Excerpts from Jeff Green’s Gazette article on November 24, 2021)

Doing this research in the U.S. offers a unique advantage of using both Canada and U.S. data, enabling me to assess and compare the effects of this important policy between the two countries.

—Dr. Hai Nguyen

Student, Olivia Perry, Won First Place in the Undergraduate Trainee Poster Award Competition

The School of Pharmacy would like to acknowledge and congratulate Olivia Perry for her first-place win of the Undergraduate Trainee Poster Award at the CSPS Annual Symposium Poster Competition, sponsored by the Canadian Society of Pharmaceutical Sciences (CSPS).

Olivia originally presented her poster at the MUN School of Pharmacy Research Day in November 2021, where she was awarded Best Undergraduate Poster. This award allowed her to represent MUN and the School of Pharmacy as our undergraduate poster winner representative at the annual national CSPS symposium, held virtually on June 1-2, 2022. Seven undergraduate candidates were short-listed for the poster competition from across the country and given the opportunity to present in front of a panel of judges from across the country. Among those who presented on a range of pharmaceutical and clinical pharmacy research, Olivia was successful in winning the top award.



Olivia’s poster was entitled, “Quantification of Neurovasculature Changes in a Post-Hemorrhagic Stroke Animal-Model.” Her supervisors are Dr. Noriko Daneshtalab and Dr. Michael Doschak.




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For more photos and updates throughout the year, please follow us on:
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