

COLLEGE OF PHARMACY AND NUTRITION

REPORT ON 2015



**PROUD OF OUR TRADITION
AND HOME OF RESEARCH
AND PRACTICE INNOVATION**



UNIVERSITY OF SASKATCHEWAN
College of Pharmacy
and Nutrition
USASK.CA/PHARMACY-NUTRITION

CLARA HUGHES
AT PHARMACY
PROFESSION
ENHANCEMENT DAY

CANADIAN
PHARMACISTS
ASSOCIATION
AWARDS

CLASS OF 2019
WHITE COAT
CEREMONY

NUTRITION
THIRD YEAR
SEND-OFF



ABOUT THE COVER

Thank you to our students for volunteering to be on the front cover: Meghanne Rieder, Annika Kolar, Kristina McFaul, Kelsey Joorisity, Amanda Geradts, Caitlin McGrath, Teighan Wilson, Katelyn Peterson

COVER PHOTO BY

Dr. Jaris Swidrovich



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COLLEGE OF PHARMACY AND NUTRITION
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UNIVERSITY OF SASKATCHEWAN
**College of Pharmacy
and Nutrition**
USASK.CA/PHARMACY-NUTRITION



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DEAN'S MESSAGE



Dean, Kishor Wasan

Pharmacy and Nutrition are dynamic, challenging disciplines, committed to the promotion of health and the treatment of disease. Our programs provide students with the essential knowledge and skills to be professional leaders and committed to high quality patient care.

The College has immense talent, outstanding students, a great tradition and a world class reputation for research and practice innovation. Our College is well respected and known as the epicenter for pharmacy practice innovation and research excellence within Canada. It is one of the oldest pharmacy/nutrition schools in Canada and many of the graduates over the past 100 years have gone on to be pharmacy-practice innovators and nutrition leaders across the country. Faculty within our College are doing important research in diverse areas that are part of university's signature programs and have societal impact on enhancing the health and well-being of the citizens of not only Saskatchewan but of Canada.

Our faculty, staff, and students were all very busy in 2015, and 2016 promises to be just as busy and exciting. We've reconnected with alumni, reached a major milestone with the PharmD, and our faculty and students have been recognized on the national and international level for their hard work. I look forward to continuing work in 2016 as the College grows and the pharmacy and nutrition professions evolve.

Dr. Kishor M. Wasan, R.Ph, Ph.D, FAAPS, FCSPPS, FCAHS
Professor and Dean

2015 by the numbers

\$6.6M*
grant funding

\$6.0M*
research chair
funding

#3 in Canada*
for total
research income

102
scholarly
publications

74
graduate
trainees

\$1.3M*
realized
donations

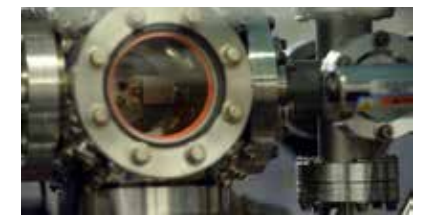
#1 in Canada*
in fundraising

* Source: 2014-15 Association of Faculties of Pharmacy of Canada Benchmark Data

American Association of Pharmaceutical Science **Video**

The College of Pharmacy and Nutrition was one of ten pharmacy schools selected in a global search for the 2015 American Association of Pharmaceutical Scientists video series.

The video was broadcast at the 2015 AAPS Annual Meeting and Exposition in Orlando, Florida, on October 25 to 29. The conference was attended by over 10,000 pharmaceutical scientists from around the world. This prestigious opportunity was granted to the College due to our strengths in research and the leadership opportunities we provide to our students.



CLARA HUGHES

at Pharmacy Professional Enhancement Day



On Tuesday, October 6, Olympian **Clara Hughes** spoke to a crowd of over 400 people in TCU Place at the largest Pharmacy PED to date. Clara spoke about her personal struggles with mental health, and provided an inspiring message for future healthcare professionals. Thank you to **Chantel Huber** from CTV Saskatoon for joining Clara on stage to have an honest conversation about mental health during the second part of the keynote address.

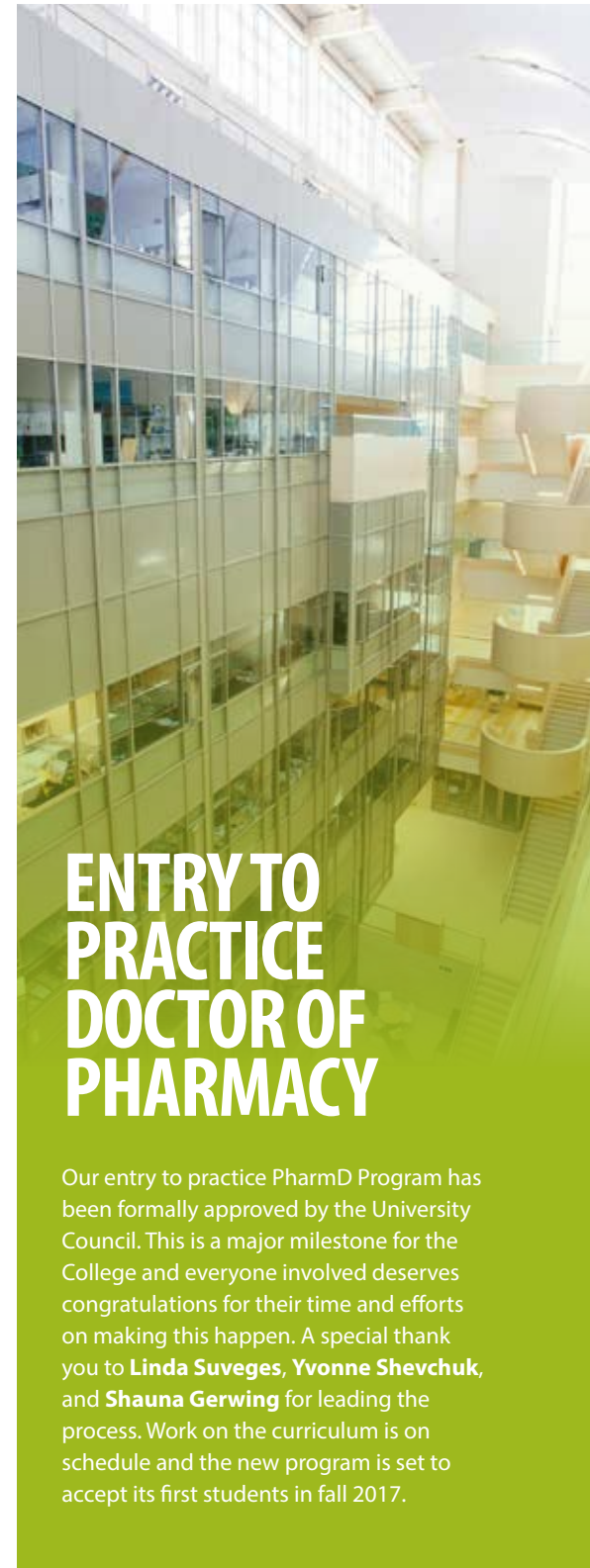
Clara joined the College at the reception after her keynote address. Staying true to her word, she stayed at the reception until she had met all of the students and had heard their stories. This year's Pharmacy

PED was a joint effort between the college and the Saskatchewan Pharmacy and Nutrition Students Society.

The event was organized by **Darren Bogle**, Senior Stick, and **Kieran Kobitz**, Communications and Alumni Relations Specialist. Darren and **Steven Kary**, Senior Stick-Elect, were the Masters of Ceremonies for the evening.

The event was only possible through the support of the Pharmacy Association of Saskatchewan, the Saskatchewan College of Pharmacy Professionals, and the Pharmacy Cornerstone Fund.





ENTRY TO PRACTICE DOCTOR OF PHARMACY

Our entry to practice PharmD Program has been formally approved by the University Council. This is a major milestone for the College and everyone involved deserves congratulations for their time and efforts on making this happen. A special thank you to **Linda Suveges, Yvonne Shevchuk,** and **Shauna Gerwing** for leading the process. Work on the curriculum is on schedule and the new program is set to accept its first students in fall 2017.

Dr. Bruce Schnell awarded Honourary Degree

Congratulations to **Dr. Bruce Robert Schnell**, BSP, MBA, PhD, FCSHP, who received an honorary Doctor of Science degree at the Thursday, June 4 convocation ceremony. Dr. Schnell joined the faculty in 1966 and was dean from 1976 to 1982. As the first pharmacy dean to hold a PhD degree, he rejuvenated the undergraduate education program and developed solid research and PhD programs in pharmaceutical science and practice.



Dr. Schnell served vice-president of the University from 1982 to 1992, including the academic and external portfolios. He retired as professor emeritus in 1994 to become the first executive director of The Canadian Council for Accreditation of Pharmacy Programs, a position he held for ten years.

CANADA FIRST RESEARCH EXCELLENCE FUND

Congratulations to **Drs. Carol Henry, Susan Whiting, Anas El-Anead** and **Kishor Wasan**, who are part of the team awarded \$37.2 million over seven years by the Canada First Research Excellence Fund for leading-edge research and technology that will transform crop breeding and provide innovative solutions to national and global food security.

The U of S is one of only five universities in Canada selected by an international board to receive funding under the new federal program in which 36 Canadian

post-secondary institutions competed for up to \$350 million.

The investment—the single largest federal grant ever received by the university—will advance one of the world's largest hubs of food-related researchers located at the U of S and will involve partnerships with four Canadian universities, three international universities, and more than 15 private and public organizations. The National Research Council and Agriculture and Agri-Food Canada will be key partners.

Dr. Susan Whiting named Distinguished Professor



Congratulations to **Dr. Susan Whiting** who is one of the latest to join the ranks of Distinguished Professor at the University of Saskatchewan. The Distinguished Professorship Program was set up to recognize outstanding achievement in research, scholarly or artistic work by both faculty and professors emeriti.

CONTINUING PROFESSIONAL DEVELOPMENT FOR PHARMACISTS

In 2015, CPDP trained nearly 900 pharmacists to administer medications and flu vaccine by injections. Thank you to the Pharmacy Association of Saskatchewan for providing \$350,000 in funding to train pharmacists to administer injections.

CDRD INNOVATION FUND

A consortium of Saskatchewan's leading innovation organizations have come together with The Centre for Drug Research and Development (CDRD), Canada's national drug development and commercialization centre, to establish a new \$2 million CDRD-Saskatchewan Innovation Fund. The fund will support and accelerate the commercialization of cutting-edge early-stage health technologies stemming from the province's top research institutions.



MEDSASK

The Saskatchewan College of Pharmacists presented medSask with its Award of Merit. The award was in recognition of medSask's 40th anniversary as an organization serving the profession of pharmacy in Saskatchewan.

The medSask 40th Anniversary Celebration took place Thursday, March 26. The College was excited to announce that medSask had received increased funding: approximately \$300,000 from the Saskatchewan Ministry of Health, and \$100,000 from the Saskatchewan College of Pharmacists.

MAC-SWITCH partnership



Medication Assessment Centre (MAC) and the non-profit charity Student Wellness Initiative Toward Community Health (SWITCH) are teaming up to improve health care in Saskatoon's core neighbourhoods.

MAC pharmacist **Dr. Jaris Swidrovich** will collaborate with other SWITCH team members such as the family physician or nurse practitioner review to patients' medications, provide recommendations for changes and help patients better understand their treatment.

Canadian Pharmacists Association Awards

John Evelyn



Dr. Dennis Gorecki, former Dean of the College of Pharmacy and Nutrition, was awarded the 2015 CPhA Meritorious Service Award. This award recognizes service to the pharmacy profession such that it brings credit and prestige to the profession.



Dr. Sherylin Houle (BSP, 2006) was awarded the Canadian Pharmacists Association Best Paper of the Year as lead author on the paper "Paying pharmacists for patient care: A systematic review of remunerated pharmacy clinical care services," in the July/August 2014 issue of CPJ.



Robert Pammett (BSP, 2010; MSc 2015) was awarded the CPhA New Practitioner Award. Robert has already proven himself a leader in pharmacy, poised to act as a major agent of change over the next decade.



Meaghan King (BSP, 2014) was awarded the Dean George A. Burbidge Award for achieving the highest mark on the Pharmacy Examining Board of Canada's spring qualifying exam.



Wendell Neubecker (BSP, 2016 candidate) was awarded the CPhA Centennial Leadership Award for Saskatchewan. The award is in recognition of a student who has actively promoted the profession of pharmacy and his/her faculty and has achieved good academic standing.

College of Pharmacy and Nutrition DEAN EMERITUS RESEARCH TRUST FUND

A new trust fund in support of research and other innovative initiatives is being established in honour of past deans of Pharmacy and Nutrition. We have already received \$100,000 and will launch the Pharmacists and Dietitians Celebration Tour,

a new campaign to raise additional dollars over the next year.

A big thank you to the former deans who have agreed to sit on the fund's advisory board: former Pharmacy and Nutrition

deans **Bruce Schnell, Jim Blackburn, Dennis Gorecki**, and **David Hill**; former Dean and U of S alumnus **Frank Abbott**; and former Acting Dean **Wayne Riggs**, both from the Faculty of Pharmaceutical Sciences at University of British Columbia.

CANADIAN FOUNDATION FOR PHARMACY PILLAR OF PHARMACY AWARD



The Canadian Foundation for Pharmacy named pharmacist **Darcy Stann** (BSP, 1978) as the 2015 Pillar of Pharmacy Award recipient for his longstanding commitment to the pharmacy profession in Canada.

As principal of his own consulting business, Firebird Management Consulting Group, Darcy is recognized as an industry leader in Western Canada for using innovative practice designs to further business development and professional services. In addition to providing business consulting services for various clients, he plays an active role in negotiating changes to pharmacy reimbursement systems with three provincial governments and the Federal Health Partnership.

CANADIAN FOUNDATION FOR PHARMACY INNOVATION FUND



Congratulations to **Terri Schindel** (BSP, 1986) and **Dr. Sherilyn Houle** (BSP, 2006) who were each part of research teams that received awards from the Canadian Foundation for Pharmacy Innovation Fund.

Terri is part of a research team at the University of Alberta which will explore relationships between real-life community pharmacy practice and the development and implementation of care plans.



Sherilyn, an Assistant Professor at the University of Waterloo, is leading a team of researchers to investigate the clinical effectiveness and patient satisfaction of a pharmacist-managed travel medicine clinic under a pharmacist's expanded scope of practice.

Canadian Foundation for Pharmacy Wellspring Leadership Award

Congratulations to **Dr. Sherilyn Houle** (BSP, 2006) on being named one of the 2015 Wellspring Leadership Award winners.

The Canadian Foundation for Pharmacy honours pharmacy leaders from across the country through its Wellspring Pharmacy Leadership Awards. CFP established these awards to honour the legacy of Barbara A. Wells, an exceptional pharmacy leader and beloved colleague who passed away in June 2010. These annual awards recognize both demonstrated and potential leadership in individuals in the pharmacy profession.

MAGNUM OPUS AWARD



Congratulations to **Courtney Junop** (BSP, 2011) who is the 2015 Magnum Opus Award Saskatchewan Winner.

Courtney is the owner and pharmacist at The Medicine Shoppe Pharmacy & Compounding Centre, Royal University Hospital.

Alumni Events

SASK NIGHT

The annual Saskatchewan Night alumni reception was held at Patty Boland's on the first night of the Canadian Pharmacists Association conference. This year's theme was '80s Night, and the top floor of the pub was filled to capacity. Thanks to Pharmacy Association of Saskatchewan and the Saskatchewan College of Pharmacy Professionals for helping make this event happen.



DEAN'S CELEBRATION TOUR

Dean Wasan, Andy Collin, Development Officer, and Kieran Kobitz have been busy visiting pharmacists and dietitians in Saskatoon, and hosting alumni receptions in Calgary and Edmonton.

Tentative destinations on the tour during 2016 include Regina, Yorkton, and Calgary. Dates and locations will be announced in our newsletter, on our website event calendar, and on social media.

PHARMACY ASSOCIATION OF SASKATCHEWAN DESSERT

The Saskatchewan College of Pharmacists held its Opening Awards Banquet, where the 2005, 1990, and 1965 graduating classes were honoured. The college sponsored the dessert and hospitality suite after the banquet. Thank you to all of our alumni who came out for the evening.

DIETITIANS OF CANADA CONFERENCE ALUMNI RECEPTION

Due to a scheduling conflict with the Convocation Ceremony, the College was unable to host the annual alumni reception at the Dietitians of Canada Conference in 2015. We're pleased to announce that we'll resume hosting the alumni reception at the 2016 conference in Winnipeg.

College Leadership

Promotions



Congratulations to **Dr. David Blackburn** who was promoted to Full Professor on July 1, 2015.

Retirements



Congratulations to Professor **David Hill** on his recent retirement. Our previous Dean received the honorary title Professor Emeritus upon his retirement from the University of Saskatchewan effective August 1, 2015. Thank you for your years of service, Professor Hill.

Sandy Knowles has been appointed to the position of Executive Assistant to the Dean as of May 1, 2015. This EA position that Sandy fills was previously titled Secretary to the Dean, and has been filled admirably by **Jacqueline Huck** for close to 30 years.

Shannon Wiens has been appointed Administration and Planning Specialist as of May 8, 2015. She was previously the Director of Advancement Operations, reporting to President Gordon Barnhart. The position that Shannon has taken over was filled by **Merry Beazely** since 1987.

Congratulations to both Merry and Jacqueline on their well-deserved retirements!



DR. KISHOR WASAN began his term as Dean of the College of Pharmacy and Nutrition on August 1, 2014. Kishor joined the U of S from the University of British Columbia, where he was a professor and Associate Dean of Research and Graduate Studies in the Faculty of Pharmaceutical Sciences.



DR. YVONNE SHEVCHUK has been reappointed as the Associate Dean Academic for a second five-year term from July 1, 2015 to June 30, 2020. Yvonne has managed her role with great care, wisdom and respect for all involved throughout her first term.



DR. KERRY MANSELL has been appointed as Assistant Dean, Division of Pharmacy for a three year term effective July 1, 2015. We are pleased that Kerry has accepted this administrative role within the College and are looking for great things from him.



DR. CAROL HENRY has been appointed as the Assistant Dean, Division of Nutrition and Dietetics effective July 1, 2015 for a three year term. Carol is an internationally recognized scholar-practitioner in community-engaged research, teaching and learning, who came to our College 15 years ago.



DR. FRED REMILLARD was reappointed as Associate Dean of Research and Graduate Affairs for one additional year to June 30, 2016. Fred has done an outstanding job as our Associate Dean and Dean Wasan thanks him for being willing to remain in this position for an additional year.



☐ Dayle Acorn (far left), Canadian Foundation for Pharmacy; Christine Hrudka (second from left), Canadian Pharmacists Association representative



Pharmacy Management in Canada

Congratulations to **Dr. Jason Perepelkin** on the launch of the Pharmacy Management in Canada textbook. He was one of the authors of Canada's first textbook since 1998 dedicated to pharmacy management. A book launch was held over lunch on Tuesday, October 6, to celebrate this achievement. Thank you to the Pharmacy Association of Saskatchewan for providing lunch.

PRIX GALIEN JURY

Dr. Kishor Wasan has been selected as the newest jury member for the Prix Galien Canada. He replaced **Dr. Jim Blackburn**, former Dean of Pharmacy and Nutrition, as the prairie representative on the jury.

The Prix Galien Canada is the most prestigious award in the field of Canadian pharmaceutical research and innovation. Referred to as the "Nobel Prize" of pharmaceutical research, it recognizes the efforts and achievements of pharmaceutical research and development. The award originated in France, and it was first awarded in Canada in 1994.

2015 PROVOST'S COLLEGE TEACHING AWARD

Dr. Adil Nazarali was selected to receive the 2015 Provost's College Teaching Award for the College of Pharmacy and Nutrition. The Provost's College Awards for Outstanding Teaching annually recognize an outstanding teacher in each College at the University of Saskatchewan.

ROYAL SOCIETY FELLOWSHIP

The Royal Pharmaceutical Society of Great Britain has designated **Dr. Adil Nazarali** as a Fellow of the Society for his distinction in the Profession of Pharmacy.

Fellowship is awarded to members who have made an outstanding original contribution to the advancement of pharmaceutical knowledge or attained distinction in the science, practice, profession or history of pharmacy.



HONOURARY ALUMNA

The recently retired **Jackie Huck** was recognized as an honorary member of the U of S Alumni Association at the Alumni Achievement Awards on Thursday, October 22. Honorary Alumni status may be granted to any person who is not otherwise a member of the Alumni Association in recognition of their exceptional contribution to the Association or the University.

AAPS Global Health Award

Dr. Kishor Wasan and his colleagues were presented with a recognition award from the Members of the American Association of Pharmaceutical Scientists Global Health Focus Group for their work on supporting, educating and training young scientists as global health professionals.

AFPC COUNCIL OF DEANS CHAIR

Dr. Kishor Wasan, was elected as the New Chair of the Council of Deans of Pharmacy of Canada (AFPC Council of Deans) for 2015/2016.

Dean Wasan will be setting the agenda for future Council of Deans meetings and will be advocating on behalf of the Deans in a number of areas:

1. Development of a new Pharmacy Research Foundation to support research across Canada
2. Workforce planning, monitoring, and work with PEBC on a number of issues
3. Interaction and liaison with CPHA, CSHP and the federal government

HOME ECONOMICS



Congratulations to **Dr. Gwen Chapman** (BSHEc, 1982) on her appointment as the new Dean of the College of Social and Applied Human Sciences at the University of Guelph.

Congratulations to **Donna Towers** (BSHEc, 1975) who received the 2015 Canadian College of Health Leaders Award for Distinguished Service.

UNDERGRADUATE STUDENTS



PHARMACY AND NUTRITION STUDENT COUNCIL 2015-2016

Back row: Kristina McFaul (Student Faculty Liaison), Shannon Del Bigio (Pharmacy Year 4 Rep), Caitlin McGrath (HSSA Senior), Steven Kary (Senior Stick Elect), Darren Bogle (Senior Stick), Thomas Brownlee (Recreation Board Pharmacy), Callie Toth (Communications Pharmacy), Willow Landen (Business Manager), Sarah Crawford (Photographer), Delaney Long (DC Senior), Jordan Kalesnikoff (Pharmacy Year 2 Rep)

Middle row: Paige Wyatt (Nutrition Year 1 Rep), Alexa McEwen (Secretary), Alyson Little (Nutrition Year 2 Rep), Jillian Ottmann (Social Nutrition), Taylor Raiche (Pharmacy Co-President), Teighan Wilson (Recreation Board Nutrition), Geoffrey Svenkeson (Vice President), Karissa Weber (Nutrition Co-President), Taletha Bennett (Communications Nutrition), Sarah Alemayehu (Yearbook Pharmacy), Wendell Neubeker (Past President)

Front row: Kelsey Jooricity (CAPSI Senior), Meghanne Rieder (Pharmacy Year 1 Rep), Janelle Kraft (Social Pharmacy), Kara Friesen (Yearbook Nutrition), Amanda Geradts (HSSA Junior), Annika Kolar (DC Junior), Kaitlyn Tress (CAPSI Junior), Sara Amundson (Nutrition Year 3 Rep), Tenielle Koob (USSU Member of Student Council), Katherine DeMong (Incoming Treasurer)

Not pictured: Grant Gill (Outgoing Treasurer), Josh Poteet (Pharmacy Year 3 Rep)

CAPSI Outreach

Our pharmacy students have been busy with CAPSI outreach activities throughout the fall term. Operation: Butt Out addressed the harmful effects of smoking to students in grades 5-8 and Kids and Medicine taught students in grades 1-4 about safe use of medications. Our students reached out to over 1,300 students in 14 Saskatoon schools.

Thank you to TEVA Canada Limited for donating the paediatric seminar kits to CAPSI.



WE MAKE MEDICINE SO THEY CAN FIGHT SUPERVILLAINS

Save time answering questions about generic drugs with resources from TevaMakesMedicines.ca.

As a pharmacist, you play a crucial role in helping patients and physicians understand that generic drugs are a safe, effective and affordable option. TevaMakesMedicines.ca is an online resource dedicated to helping you, your patients and their physicians learn more about why they can trust generic medications.

To get free patient handouts, explaining the science behind generic drugs, visit TevaMakesMedicines.ca or speak with your Teva Canada Sales Representative.

Convocation & Saskatchewan College of Pharmacy Professionals Luncheon



GRADUATES

Congratulations to the Class of 2015! A total of 81 pharmacy degrees, 21 nutrition degrees, and 9 graduate degrees were awarded during spring convocation.

SASKATCHEWAN COLLEGE PHARMACY PROFESSIONALS LUNCHEON

Thank you to Saskatchewan College Pharmacists for hosting their annual luncheon following the convocation ceremony. Family, friends, faculty, and staff got to watch the college's newest graduates as they were inducted into the pharmacy profession.

GRADUATION BANQUETS

Pharmacy and Nutrition both held graduation banquets at TCU Place in the evening following convocation. Students took the opportunity to celebrate four years of accomplishments and wish each other well in the future. The two groups merged later on in the evening and were entertained by the band Pants of Tom, which includes our very own **David Blackburn** and **Jeff Taylor**.

Parent Comfort Room

On Thursday, January 8, the grand opening of the Parenting Comfort Room was held in Thorvaldson 127. Thanks to nutrition students **Caitlin Kaczowka** and **Kara Friesen**, along with **Kayla Madder** (graduate student and parent) and **Rita Hanoski** (Student Health Centre) for organizing this important initiative. The College of Pharmacy and Nutrition provided the space and some of the furnishings for this project.



Business Plan Competition

The Pharmasave-Rubicon Pharmacy Student Business Plan Competition is an annual event where students present their business plans to a panel of judges made up of pharmacy stakeholders. Stakeholders include representatives from pharmacy regulatory, advocacy, and industry organizations.

Student groups of 5-6 students complete a business plan in which the goal is to implement a new, sustainable service into an existing practice. The students are free to choose where they would like to implement the new service, as well as what service they would like to implement. Guidelines are intentionally left broad so that the student groups can be creative in completing their plan. The student groups present their plans in a formal competition.



FIRST PLACE: Dog River Pharmacy

Team Members: Karmen Coffey, Tanya Fontaine, Brittney Holland, Travis Maley, Janelle Shewchuk, and Emma Sloboshan

SECOND PLACE: CAARE: Clinical Pharmacist Advice for Aboriginal Residents

Team Members: Darren Bogle, Trista Kobussen, Rachel Martin, Brittani Prete, Madison Schmidt, and Sabrina Tram

THIRD PLACE: HealthMAP: Advancing Patient Care by Helping Pharmacists Optimize Minor Ailment Prescribing

Team Members: Lisa Alport, Shannon Del Bigio, Trevor Kwan, Racquel Miller, Michelle Sutcliffe, and Cara Wirachowsky



Pharmacist Awareness Month

CAPSI University of Saskatchewan put on a series of events for PAM 2015. Some of the key highlights include:

PAM RIBBON CUTTING & KICKOFF

PAM got off to a strong start on March 2 with the Ribbon Cutting & Kickoff held in the Health Sciences Atrium. Nearly 200 students, faculty, and staff were in attendance.

MR. PHARMACY PAGEANT

Congratulations to **Stefano Barillaro** on being named Mr. Pharmacy 2015! This year's pageant was the most successful one to date, including a full house at Louis' and a grand total over \$8,000 raised for Juvenile Diabetes Research Foundation Canada. Thank you to the University of Saskatchewan Students Union for providing the venue at no cost, and to Scotiabank for matching some of the funds raised at the event.

PAM BOOTHS

The booths were joint effort between pharmacy students and practising pharmacists to inform and educate the public about health care and the role of pharmacists. Booth locations included Health Sciences, the Arts Tunnel, Lawson Heights Mall, and Market Mall.

Congratulations to **Shelby Scherbey**, CAPSI Senior, and **Kelsey Joorisity**, CAPSI Junior, and the rest of the CAPSI team on an outstanding Pharmacist Awareness Month!



Professional Development Week Awards

Our pharmacy students attended Professional Development Week from January 7 to 11 in Quebec City. They made their school proud by participating in competitions and professional development activities and results were as follows:

National Competition Results

- IPSP Health Campaign Award: 1st Prize
- This award was for the 2013 HIV/AIDS Campaign headed by **AJ Havlicek** and **Paige Fehr** (IPSP representatives on CAPSI Local Council 2013-14). This award comes with prize money to put forth towards future health campaigns and also a monetary prize for a local charity of CAPSI's choice. AIDS Saskatoon will be receiving this bursary.
- Compounding Competition: 3rd Place
- Team: **Madison Schmidt, Trista Kobussen, Jayesh Changela, Darren Bogle**
- Student Literary Competition: 3rd Place
- **Stacey Leek**: "Rewards in Pharmacy: A Barrier to Effective Patient Care in Western Canada"
- Guy Genest Award: **Darren Bogle**

Other news to report includes:

- The students in the Pharmafacts Bowl, and competitors included **Stefano Barillaro, Jailin Liu, Jana Ridley** and **Madison Schmidt**.
- **Paraag Trivedi** represented the college in the Patient Interview Competition.
- **Jayesh Changela** represented the college in the OTC Counseling Competition.
- **Darren Bogle** represented the college in the first ever National Mr. Pharmacy Pageant and sang his way to third place.
- CAPSI National Elections were also held and the new national CAPSI council was announced. **Kelsey Joorisity** will be moving up to the position of CAPSI Senior for Saskatchewan and **Shelby Scherbey** was elected as CAPSI Executive Secretary.
- Waterloo was announced as the host for Professional Development Week 2016 in Niagara Falls.

Huskie ALL ACADEMIC

Congratulations to our students who were recognized at the Huskie Athletics All-Academic Team Breakfast on Wednesday, September 23:



SHANNON DEL BIGIO
(Pharmacy Year 4)
Cross Country –
Huskie 1st



CARMEN GORLICK
(Nutrition Year 3)
Soccer – CIS AA
and Huskie 1st



BOBBI NICHOLAT
(Pharmacy Year 1)
Soccer – CIS AA
and Huskie 1st



BROOKE MENTANKO
(Pharmacy Year 3)
Track and Field –
Huskie 2nd



ASHLEY PROMHOUSE
(Pharmacy Year 4)
Track and Field –
Huskie 2nd



CARA WIRACHOWSKY
(Pharmacy Year 4)
Cross Country –
CIS AA and Huskie 1st

Students are recognized for balancing their athletic commitments while earning the following grades:

CIS All Academic Team – at least 80% average on minimum of 18 CU during 2014-15 academic year

Huskie 1st All Academic Team – average of at least 79.5% on a minimum course load of 24 CU during the 2014 -15 academic year

Huskie 2nd All-Academic Team – average of at least 74.5% on a minimum course load of 24 CU in the 2014-15 academic year

Nutrition Month

March was also Nutrition Month, and our students and faculty were busy promoting the value of Registered Dietitians.

BALANCED PLATE CHALLENGE

The Balanced Plate Challenge was held in Marquis Hall on Wednesday, March 11. Student teams were challenged to build a balanced meal, while overcoming a number of physical challenges.

DIETITIANS DAY INFORMATION BOOTH

Dietitians Day was on Wednesday, March 18, and our Nutrition students held an information booth in the Arts Tunnel. Experts provided trusted, science-based advice, along with free chili and prize packages.

DIETITIANS RECEPTION

Our Nutrition faculty met with provincial government representatives during the Dietitians Reception at the Legislature in Regina on Monday, March 23.



Nutrition Research Day

Throughout their internships, fourth year nutrition students are required to conduct research projects and present them at the Nutrition Research Day each spring. Students presented on a wide range of topics related to nutrition and dietetics.

During the 2014-15 academic year, the nutrition internship coordinators asked the fourth year students to provide selfies with their favourite fruits. As a way to say thank you and goodbye at Nutrition Research Day, the coordinators shared each student's selfie and memorable internship moment, and presented them each with a gift.

Nutrition PED

The Nutrition Professional Enhancement Day (PED) was held on January 8, 2015 at the Radisson Hotel in Saskatoon, and the event was supported by the Cornerstone Fund. This year's PED speaker was Stephanie Clairmont. Stephanie is a dietitian entrepreneur from Ontario, Canada. She has many accomplishments, including opening a successful practice helping people with irritable bowel disease, writing a book titled The IBS Master Plan, and is a regular on the Marilyn Dennis show. Stephanie spoke about her journey as an entrepreneur.



Class of 2019 WHITE COAT *Ceremony*

Congratulations to all of our first year students on receiving their white coats.

The annual Pharmacy White Coat Ceremony was held on Sunday, October 18, in the Health Sciences building. Thank you to Master of Ceremonies **Dr. Yvonne Shevchuk**, **Dr. Patricia McDougall** for providing greetings from the University, and to the following people who acted as dressers for the students:

Justin Kosar, President-elect, Saskatchewan College of Pharmacy Professionals

Julia Bareham, Chair, Pharmacy Association of Saskatchewan

Kishor Wasan, Professor and Dean, College of Pharmacy and Nutrition

Jennifer Bolt, President, Canadian Society of Hospital Pharmacists (SK Branch)

Taylor Raiche, Co-President, SPNSS

Darren Bogle, Senior Stick, SPNSS

Kelsey Joorisity, CAPSI Representative

Christine Hrudka, Canadian Pharmacists Association Representative

Loren Regier, Keynote Speaker

Lori Postnikoff, Saskatchewan College of Pharmacy Professionals



Congratulations

TO THE CLASS OF 2019 ON
RECEIVING YOUR WHITE COATS.

Welcome to the college.




UNIVERSITY OF SASKATCHEWAN
College of Pharmacy
and Nutrition

USASK.CA/PHARMACY-NUTRITION

Nutrition Third Year **Send-off**



 Clockwise from top left: Nutrition Class of 2016; Dr. Patricia McDougall brings greetings on behalf of the University; Co-Valedictorians Lexie Schiller and Emily Andreiuk address the audience; Drs. Wasan and Zello present the Nutrition Class of 2016 with gifts.



The Third Year Nutrition Celebration and Send-off was held on Tuesday, April 7, at the University Club. The celebration marks the end of the students' campus-based learning and the start of their internships. Congratulations and good luck to all of our third year nutrition students!

Academic Awards

The Twenty-Third Annual Academic Award Ceremony was held on Sunday, March 22, in 1150 E-Wing. We were honoured to have President Gordon Barnhart in attendance.





IDRC Grant

Dr. Carol Henry received \$1.76 million towards a \$3.85 million project with her colleagues in Ethiopia to bring higher-yielding, more nutritious chickpea and bean varieties to more than 70,000 farming households. **Drs. Gordon Zello and Susan Whiting** are also part of this important project.

Chocolate milk study

Drs. Carol Henry, Susan Whiting, Gordon Zello, Hassan Vatanparast, and their colleagues measured milk consumption (plain milk and flavoured milk) by children in a sample of Saskatoon elementary schools. This is the first study in a Canadian elementary school population to investigate the impact of removing chocolate milk from schools.

Studies show that milk is very important for children's health as it contains many nutrients for growth and development. Sufficient amounts of calcium and vitamin D are

required during childhood and adolescence because a significant amount of adult bone mass is accrued during this time. Milk is a good source of these nutrients as well as other important nutrients. Unfortunately without school-based milk programs, children are not likely getting enough.

Current policies in many schools have led to the removal of flavoured milk because of the amount of added sugar. However, this research shows that when flavoured milk is removed from the school, total milk intake drops by nearly half.



CIHR Canada Graduate Scholarship

Congratulations to **Kelly Buxton** for receiving a CIHR Canada Graduate Scholarship – Master's Program award. Offered jointly by the Tri-Agencies, these national awards are designed to support students who have demonstrated excellence during their undergraduate and early graduate careers while they develop their research skills. CGSM scholarships are among the most prestigious awards offered to Master's students in Canada.

Kelly's master's research is being carried out under the supervision of Dr. Dave Blackburn. Her current project is to describe the use of blood glucose testing strips in Saskatchewan and to examine potential relationships of self-monitoring of blood glucose (i.e. use of testing strips) on health care utilization.



GSK Endowed Chair

The endowment fund for the Saskatchewan-GlaxoSmithKline Research Chair in Rational Drug Design was granted to the College as part of GlaxoSmithKline's \$25 million Pathfinders Fund for Leaders in Canadian Health Science Research. The pathfinder program was established to help Canada become a world leader in research and development. It encourages health science research and fosters innovation in Canadian Universities. Funding for this chair was also provided by the Government of Saskatchewan, SaskTel, the University of Saskatchewan, and the College of Pharmacy and Nutrition.

FEDORUK RADIOPHARMACY



The Fedoruk Chair in Radiopharmacy will be an Enhancement Chair, made possible through a generous grant from the Sylvia Fedoruk Canadian Centre for Nuclear Innovation at the University of Saskatchewan. The Fedoruk Centre has provided \$5 million to build capacity for nuclear medicine and imaging research in Saskatchewan.

NSERC Grants



DR. HECTOR CARUNCHO
 \$120,000
 Reelin regulation of the crosstalk between the Immune and Nervous systems

This research explores the role of reelin, a protein expressed both in brain and blood plasma, in regulating immune and neural plasticity and in facilitating the crosstalk between the immune and nervous systems.



DR. ED KROL
 \$100,000
 Toxicity and Biological Reactivity of Naturally Occurring Polyphenols
 Dr. Krol's research program explores the structure and chemical reactivity of naturally occurring polyphenols to better understand the effectiveness of natural health products.



DR. ILDIKO BADEA
 \$150,000
 Engineering functionalized diamond nanoparticles for intracellular delivery of nucleic acids
 Dr. Badea is seeking to understand how the structure-activity relationship of novel nanomaterials such as nanodiamonds and their cargo of genetic materials can influence delivery efficiency and mechanism of toxicity.



DR. ANAS EL-ANEED
 \$100,000
 Mass spectrometric approaches to assess the biodistribution and fate of cationic surfactants used as drug delivery nanoparticles
 The goal of Dr. El-Aneed's research program is to develop new approaches to explore how the cellular fate of certain drug delivery nanoparticles is responsible for their cytotoxic behavior.



AAPS Student Chapter

The University of Saskatchewan has the newest American Association of Pharmaceutical Sciences Student Chapter. Thanks to **Mays Al-Dulaymi** and **Mona Hamada** for organizing the effort to establish this new chapter. They will both act as the initial leaders for the group, and **Dean Kishor Wasan** will be the faculty supervisor.



College Research Day

On Tuesday, November 10, the College held a Research Day at the Western Development Museum, which included 11 oral presentations, over 50 research posters, and an inspiring keynote address. The research presented during the day included applied and bench sciences in both pharmacy and nutrition, and gave our graduate students and faculty the opportunity to learn more about each other's work.

Thank you to keynote speaker **Dr. D. Lynn Kirkpatrick** (BSP, 1978; PhD, 1981) for joining us for the day. Dr. Kirkpatrick's career has focussed on cancer drug discovery and development, and she now heads the biotechnology company Phusis Therapeutics.





Knowledge is beautiful.

Researchers in the College of Pharmacy and Nutrition are developing lipid-based soft nanoparticles, polymer nanoparticles and nanodiamond-based gene delivery systems to deliver genetic material into the cells to combat cancer, and to encapsulate anti-cancer drugs to reduce the toxicity and improve the pharmacokinetic profile.

In other words, U of S researchers are creating ways to get medicine into cancerous cells without affecting healthy cells, which could lead to vastly improved treatments for cancer patients.

Spotlight on Research

Throughout 2015, we highlighted the work of some of our top researchers and trainees. Below we present those we highlighted and the focus of their research or the projects in which they are involved.

RESEARCHER OF THE MONTH

JANUARY: Dr. Meena Sakharkar

Drug target identification and validation using multiple cross-disciplinary approaches.

FEBRUARY: Dr. Carol Henry

The barriers and opportunities for promoting healthy choices among school children through culturally acceptable, economical, and practical methods and solutions applied by women in the Dominica. Enhance food security through intensive pulse crop-based farming systems, agri-food processing and marketing, and nutrition interventions in Ethiopia.

APRIL: Dr. Anas El-Aneed

Mass spectrometry platforms for the qualitative and quantitative analysis of small organic compounds, with recent emphasis on diagnostic urine metabolites for lung patients and novel anti-cancer drugs.

JUNE: Dr. Gordon Zello

The measurement of body composition, energy expenditure, metabolism, athletic performance, and nutrient requirements in healthy and clinical populations.

SEPTEMBER: Dr. Roy Dobson

The social role of pharmaceutical companies, interprofessional practice and education, and the role of the pharmacist in primary care.

OCTOBER: Dr. Hassan Vatanparast

The impact of nutrition and other lifestyle factors on chronic conditions such as obesity, metabolic syndrome, diabetes, cardiovascular diseases, and osteoporosis.



DR. MEENA SAKHARKAR



DR. CAROL HENRY



SANIYA ALWANI



DR. ANAS EL-ANEED



DR. GORDON ZELLO



GETAHUN LOMBAMO



DR. SALLY CAINE



DR. ROY DOBSON



DR. HASSAN VATANPARAST



RAHUL JAIN



PARAAG TRIVEDI

TRAINEE SPOTLIGHT

JANUARY: Saniya Alwani

Amino acid-functionalized nanodiamonds as carrier for therapeutic gene delivery.

MARCH: Rahul Jain

The experiences of Saskatchewan community pharmacists with prescriptive authority services regarding level 1 and minor ailment prescribing.

MAY: Getahun Lombamo

Nutritional health of mothers and young children in pulse- or cereal-based agricultural communities in Ethiopia.

OCTOBER: Dr. Sally Caine

Novel synchrotron techniques in combination with standard biochemical, immunohistochemical, and functional analyses to understand the interaction between nutrition and rehabilitation efficiency after stroke.

DECEMBER: Paraag Trivedi

Creation of an Evidence-based Video Series for Patients on the Kidney Transplant Waitlist aims to enhance pre-transplant education about the transplant process and emphasize the benefits, risks, and challenges of maintaining optimal adherence to immunosuppressive medications following surgery.

Watch for the new
College of Pharmacy
and Nutrition website
launching mid-2016:

usask.ca/pharmacy-nutrition



@usaskPharmNut



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