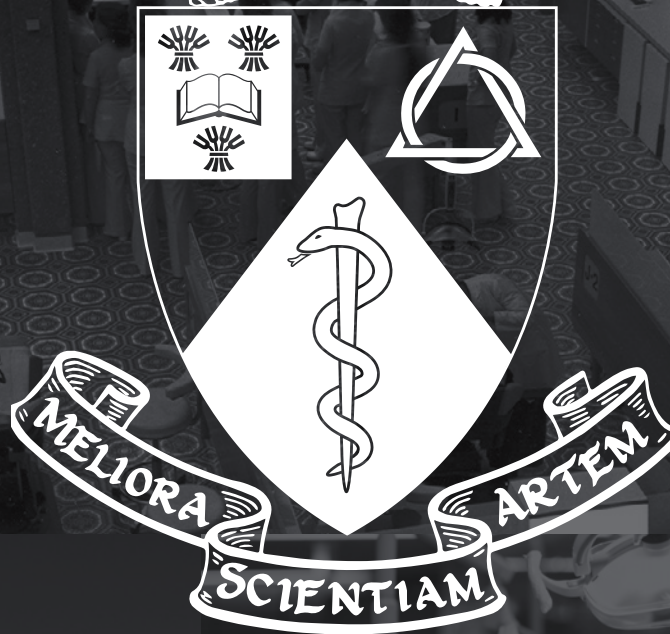


RECALL

UNIVERSITY OF SASKATCHEWAN
COLLEGE OF DENTISTRY

ALUMNI MAGAZINE
FALL/WINTER 2018



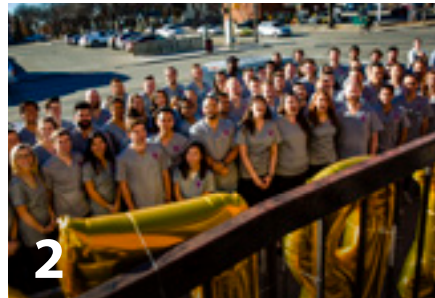
Celebrating

50 YEARS OF DENTISTRY

RECALL

UNIVERSITY OF SASKATCHEWAN
COLLEGE OF DENTISTRY

ALUMNI MAGAZINE
FALL/WINTER 2018



2

DIRECT Dental



8

Studying the DAT



14

Designing a piece of history



UNIVERSITY OF SASKATCHEWAN
College of Dentistry
DENTISTRY.USASK.CA

Room 314
Dental Clinic Building
105 Wiggins Road
Saskatoon, SK S7N 5E4

DEAN:
Dr. Doug Brothwell

ACTING ASSOCIATE DEAN ACADEMIC:
Dr. Diego Ardenghi

ASSOCIATE DEAN RESEARCH:
Dr. Petros Papagerakis

EDITOR:
Collin Semenov

Visit us online at dentistry.usask.ca

To update your mailing preferences for *Recall*, please visit dentistry.usask.ca and click the "Stay in Touch" section on the Alumni & Giving Page.

The University of Saskatchewan College of Dentistry is situated on Treaty 6 Territory and the Homeland of the Métis. We pay our respect to the First Nations and Métis ancestors of this place and reaffirm our relationship with one another.

In this issue

- 1 Message from the dean
- 2 DIRECT Dental: student-run emergency clinic meets community needs
- 3 New faculty
- 6 Future faculty
- 7 Research overview
- 8 Studying the DAT: ambitious research project aims to support Canada's future dentists
- 9 Synchrotron beamline offers up-close view in veneer research
- 10 Dog saliva study helps dentistry students make connections across campus
- 11 **ANNIVERSARY FEATURE** – Celebrating 50 years of dentistry
- 14 **ANNIVERSARY FEATURE** – Designing a piece of history: the development of the College of Dentistry coat of arms
- 18 Reflections on a career in dentistry by Dr. Peter Doig
- 19 Donor profile: Dr. Cam Brauer
- 20 College spotlight: Dr. Emily Bull and Heather Reichert
- 22 2018 photo highlights: a year in review
- 26 Celebrations
- 27 Congratulations
- 28 In memoriam: remembering Dr. Ray McDermott and Dr. Brent Moulding

MESSAGE from the dean

Dr. Doug Brothwell, Class of 1984

All of us have a wealth of shared experiences and personal memories unique to the time we spent as students at the University of Saskatchewan College of Dentistry. Each of us, in our own way, has witnessed the dental school, its programs and the resources available to students, faculty and staff evolve since we first began studying dentistry. We can't help but occasionally reflect upon our own growth within the college as we each completed our personal journey from dental student to working professional.

2018 marks 50 years since the launch of the Doctor of Dental Medicine (DMD) program at USask and I am proud to share with you, through *Recall*, some of the recent developments in the college as well as some brief highlights from the last six decades.

In 1971, when the college's first dean, Dr. Jack Paynter, was referencing the first three classes of dental students in the DMD program, he noted that "the long-range objectives of their educations" was to improve the health and welfare of humanity.

There have been many changes to the college and the world we all live in since 1971—but Dean Paynter's statement still rings true. And throughout the past six decades, the College of Dentistry has continued to evolve in order to meet this objective.

On Oct. 10, the University of Saskatchewan launched a strategic plan to inform the bold direction it will take over the next seven years. Based on strong commitments surrounding courageous curiosity, boundless collaboration and inspired communities, this forward-thinking plan to become "the university the world needs" has helped inform the development of a strategic plan

for the College of Dentistry.

Although it is still in the final planning stages, elements of its goals and commitments are already evident in and around the college and, indeed, even within the updates you'll find in this issue of *Recall*.

The college has an undeniable opportunity to evolve into a leader in inclusive community care. The recent additions of new faculty members Drs. Da

"We will commit to teaching future dentists how to respectfully treat priority populations in the ways they would like to be treated—not the ways that we would like to be treated."

Dr. Doug Brothwell

Silva and Jessani will assist our exploration of oral health and access-to-care issues for vulnerable populations. We also have long-term goals to build on our existing strengths and expand educational programming and, as such, have already started a Certificate in Dental Assisting program—the first of several proposed new offerings at the college. You may have even heard the discussions surrounding opportunities to open a dental clinic in Prince Albert to help expand the instruction we can provide related to elderly and Indigenous patients.

As we revitalize the College of Dentistry

and continue to collaboratively expand research capacity and output, we will also Indigenize all aspects of what we do by developing real-world initiatives that directly support the active process of decolonization. Through respectful Indigenous representation in the college at the student, faculty, staff, and patient level, we will help redefine dental care from an Indigenous perspective. We will commit to teaching future dentists how to respectfully treat priority populations in the ways *they* would like to be treated—not the ways that *we* would like to be treated.

The 51st year of the DMD program will see a long-overdue increase in the representation of Indigenous students. We also look forward to beginning work with Indigenous oral health specialist Dr. Sheri McKinstry, who has invaluable experience treating and preventing dental disease in First Nation communities and will join our faculty in 2020.

As we celebrate 50 years of the DMD program, I invite you to consider something that many USask alumni often take for granted: the reason we are able to reflect upon and enjoy our past successes is because we have never been intimidated by our existing challenges.

For dentistry alumni, now is the time to dream big and discover what the next five decades could look like.

Congratulations to everyone who has played a part in over 50 years of success at the College of Dentistry. I look forward to reflecting on new milestones and memories with you as we evolve into the dental college that our students, the university and the dental profession needs. ■



DAVID STOBBE

DIRECT Dental: STUDENT-RUN EMERGENCY CLINIC MEETS COMMUNITY NEEDS

GENELLE AMBER STUDIOS

Months of hard work and a lot of learning went into setting up a student-run emergency dental clinic in Saskatoon—but for the four organizers, the success of the initiative made it all worthwhile.

On Oct. 20, 2018, fourth-year DMD students Christopher Bertsch, Kristen Kezar, Christy MacPherson and Mary Tait were on hand to cut the ribbon and officially open DIRECT Dental at the college's Saskatoon West Dental Clinic.

DIRECT is an acronym for Dental Initiative Rendering Emergency Care Treatments and will offer 14 half-day clinics that run until March 2019.

"It was private practice experience with close supervision, and we felt like we made a real difference," said MacPherson. For Tait, serving people who would otherwise have little or no access to emergency care "was a reminder of why I love dentistry."

At the Oct. 20 clinic, the students, their classmates and volunteer professionals did fillings and extractions to relieve pain, referring more serious cases for follow-up treatment at Hospital Dental and the college clinic. They couldn't see everyone who showed up that first day, but by all reports, it was an excellent start to the new venture.

DIRECT Dental was an idea that took root after Dental Day YXE in April 2017 when students, faculty and professionals from all dental disciplines came together as volunteers to offer free care. Bertsch said he had "a fleeting thought" that Dental Day was a model that could be expanded "and a great way to get students from all years working and learning together."

The students considered what they could offer in terms of care, who it would be offered to and how it might be organized. Given the

long lineups during Dental Day, "it's pretty clear there's a need out there for people who can't access dental care," said Tait. Added Kezar, "what we're doing is bridging the gap between students who could do the work and people who don't have access."

Setting up the new venture included considerations such as determining how much time could be donated by students busy with the demands of dental education, the level of student supervision required from volunteer professionals, the location, and the funding requirements to operate a free clinic.

Ultimately, the four students put together a proposal for a series of clinics that would focus on providing emergency care for people who are uninsured or cannot otherwise afford it.

The college is providing the students with free access to Saskatoon West Dental Clinic. Volunteer dentists, dental assistants, dental hygienists and dental therapists are supplying support and supervision. And a number of corporate sponsors are on board with their effort, including dentalcorp, Carlton Dental Labs, Avail Dental Advisory Services, Henry Schein, Sunstar and Sinclair Dental.

As they worked toward holding their first clinic, the students were overwhelmed by the response of dental professionals in Saskatoon and area willing to give their time, free of charge, to the cause. They were equally impressed by the enthusiastic response from other students in the college.

"We've got 100 per cent of [DMD] students signed up for the 14 clinics," said Kezar. "To get 100 per cent of dental students to do anything is unheard of."

At the clinic, first-year students greet and help triage patients. Second-year students handle sterilization while third years assist



Clinic co-founders and DMD year four students Mary Tait, Kristen Kezar, Christopher Bertsch and Christy MacPherson officially opened DIRECT Dental on Oct. 20, 2018.

the senior students as needed. All were supported by volunteer professionals.

The walk-in clinic is designed to help people on a first-come, first-serve basis, although the triage process will identify those with the most pressing needs.

The college is taking a great interest in improving access to oral health for priority populations "and I think DIRECT Dental will be very valuable in improving awareness of the social conditions that are the reality for many people in Saskatoon," said Dr. Doug Brothwell, dean of the College of Dentistry.

Watching and working with the four students as they went through the ups and downs of organizing such a massive initiative has been gratifying for the dean.

"Dental schools are about more than training students to fix teeth. We have what I call an informal curriculum that includes leadership building within the profession and, for me, this is a perfect example of how nurturing students to take on those leadership roles makes good things happen." ■

LES IRWIN: BRINGING PROFESSIONS TOGETHER THROUGH NEW CERTIFICATE PROGRAM

The start of every school year is busy but, for Leslie Irwin, having 30 eager students and a new program to run made 2018 one for the record books.

Irwin is the College of Dentistry's new assistant dean in charge of the Certificate in Dental Assisting (CDA) program, which took in its first cohort in September. The program has come together very quickly—Irwin was appointed in June—but everyone involved is committed to addressing what Dr. Doug Brothwell described as "a chronic and potentially acute shortage of trained and credentialed dental assistants in central and northern Saskatchewan."

The program is being offered through a new partnership with the Southern Alberta Institute of Technology (SAIT), explained Irwin. Graduates from the college's inaugural year of the program will receive a SAIT certificate but it is expected the credential will be issued by the University of Saskatchewan to the Class of 2020. Either way, Irwin is delighted to be playing a part in educating students in the profession—particularly when that education takes place in such close proximity to the dentistry program.

The students registered through SAIT and arrived at the college Sept. 4 to begin their 10 months of training. Also arriving in September were Kim Penner and Patricia Stoness, instructors in the SAIT program who have been assisting Irwin.

"They've been key to getting things off the ground in this new venture with SAIT," she said. Since then, Sherry Hull-Streukens has begun supporting radiology components of the program and Patty Klimchuk has been hired by the college as a dental assisting instructor.

Prior to this fall, all dental assistants in the province were trained at Saskatchewan Polytechnic in Regina but, according to Brothwell, locating a second program at USask made sense.

"Because of our undergraduate dentistry

program, 95 per cent of the infrastructure we need is already in place," he said. "That's a big part of why this is such a good fit for the dental college."

Also, "the majority of dental students work unassisted through most of their program," he said, "and holding a drill in one hand and suction in the other with no hand for a mirror leads to ergonomics that are terrible." Having dental assistants training in the college clinic alongside dental students "will make a difference in addressing the lower back issues that plague the dental profession."

Brothwell added that he is not aware of any other Canadian dental school that operates a companion program for dental assistants.

Both Irwin and Brothwell noted that dentists and assistants may be the most closely paired professionals in health care. That is why, said Irwin, "much of the assistants' training is aimed at how to work together as a team safely and efficiently."

Working in the dental profession is something Irwin knows well. After graduating as a dental assistant from Kelsey Institute in 1986, she worked in private practices in a number of Saskatchewan communities before joining the college in 1991. She has worked in many areas of the college—most recently, she provided students, faculty and staff with training for the college's dental software program and ran the college's Pediatric Program.

Asked to name the biggest challenge in her new role, Irwin responded with a laugh. "Getting a day off but, when you enjoy what you're doing, it's easy to work hard," she said.

In fact, the real answer involved adapting the SAIT program to the available space in the college. "There's no shortage of space; it just needed to be reconfigured," said Irwin.

And the most satisfying aspect? "Building relationships with the students



New faculty member Leslie Irwin is no stranger to the college. She first began working at the college in 1991 as a clinic floor dental assistant.



Irwin assists a student in the 2018-19 Certificate in Dental Assisting program being offered at USask through a partnership with SAIT.

and seeing them already on the path to success."

Irwin believes the dental assistant certificate program could grow to include adaptations such as distance education, common classes with dentistry students and post-graduate modules for additional skill development. "The dental assisting students will also benefit from lectures given by our on-site dentists and specialists," she said.

"With this educational model, I have no doubt that we will graduate exceptional dental assistants who will be well prepared and ready for the industry." ■

DR. KEITH DA SILVA: CHAMPIONING PUBLIC HEALTH AND ACCESS TO CARE

Dr. Keith Da Silva's affinity for children is what led him to pediatric dentistry, and it is the well-being of the youngest, and often the most vulnerable patients, that is his focus as both a researcher and a new academic.

Born and raised in Toronto, Da Silva earned a Bachelor of Science degree at Western University before moving to New York City for dental training at Columbia University. He completed his specialty training in pediatric dentistry at New York Presbyterian/Columbia University Medical Centre, thanks in part to a Columbia professor who identified Da Silva's easy manner with children.

"We often think it's children who are scared of dentists but, particularly early in their practice, it's usually the dentists who are terrified."

Dr. Keith Da Silva

Da Silva credits this easy manner and comfort with young people to the high school job experience he received at his mother's home daycare.

"We often think it's children who are scared of dentists but, particularly early in their practice, it's usually the dentists who are terrified," he said.

Back in Toronto, he spent eight years in private practice—often treating, and advocating for, children who face barriers to care.

"I started to realize there were bigger problems that could not be addressed by

treating one patient at a time. I wanted to have a better understanding of how to improve oral health at the community level."

This desire led Da Silva to a master's program in public health at the University of Toronto and, ultimately, to his position in Saskatoon.

Da Silva is currently teaching in the pediatric pre-clinic, will teach a dental research course in the winter term and is overseeing the Saskatoon West Dental Clinic and other outreach endeavours. He is already developing plans for an evaluation of community needs relative to Saskatoon West, "looking at ways to improve delivery, which is part of the issue of how we treat patients in our profession." There has been a subtle shift across the health professions to an outcomes-based approach to care, he said, one that brings value to the patient beyond the standard treatment plan.

A part of his teaching will be an emphasis on communication with children and parents, he said. Long gone are the days of holding down children to work on their teeth.

"Dentistry has to adapt to new parenting styles," he said. "I want students to understand that while you have to respect your professional base, you need to find the balance between behaviour management techniques and taking parents' concerns into account."

In addition to his work in the Saskatoon West community, Da Silva is looking at developing programs specifically for children with Fetal Alcohol Spectrum Disorder, and at opportunities to engage northern communities in promoting strategies that connect healthy eating, and all of its benefits, with dental health.



Dr. Keith Da Silva is a clinician and researcher in the disciplines of pediatric dentistry and dental public health.

"We all believe oral health is part of overall health, and we all try to practice it but there are a lot of structural barriers between the mouth and the rest of the body," he said.

Da Silva knows eliminating access-to-care issues for children lies with policy makers more than with practicing dentists. To build his capacity as an advocate, he has embarked on a PhD program through USask's Johnson-Shoyama Graduate School of Public Policy in order to better understand how to collect data and create the kinds of economic models for care that policy makers are more sensitive to. Translating knowledge into action will be the basis for his overall program. ■

DR. ABBAS JESSANI: FOCUSING ON COMPREHENSIVE PATIENT CARE

Dr. Abbas Jessani has only been with the College of Dentistry a short time but he is already making ambitious plans for teaching and research that could redefine the role of dentists in addressing the health needs of some of society's most vulnerable patients.

A graduate of the University of Karachi in 2011, Jessani spent a year practicing dentistry while searching for a university where he could pursue his passion—dental public health for marginalized populations, particularly those living with HIV.

"I looked around the world for a top university in my field—the UK, the US, Canada—and Canada appealed (to me) because of the quality of education, multiculturalism, and the pluralistic society," said Jessani.

Jessani found what he needed at the University of British Columbia (UBC) where he earned an MSc and PhD (he defends his thesis in January). He joined the College of Dentistry in Saskatoon in August as a tenure-track assistant professor and co-ordinator for operative dentistry. In that role, Jessani does lectures and pre-clinical simulations for first- and second-year students, and oversees patient care in the clinic with year three students.

In addition to his teaching responsibilities, his research program is also a top priority.

"I actually chose my PhD program in order to continue with research but here, at the University of Saskatchewan, I want to take it to the next level," he said.

This province, he explained, has the highest incidents of HIV in Canada, with the vast majority of cases occurring among illicit drug users and within the Indigenous population—both segments of society that often face barriers to accessing dental care.

"But we have no data on the oral health status of people living with HIV in this province. We cannot plan any interventions



Dr. Jessani teaching psychomotor operative skills to a first-year DMD student.

until we know what the needs are," he said. "Once we have a basic understanding of what's going on, we can tackle the situation one part at a time."

Jessani's research will centre on gathering that baseline data. He is particularly looking forward to collaborating with colleagues in other health disciplines in his research because "we aren't just drilling merchants anymore."

"I actually chose my PhD program in order to continue with research but here, at the University of Saskatchewan, I want to take it to the next level."

Dr. Abbas Jessani

It is imperative for those in the dentistry profession to combine their skills and knowledge with experts in public health, pharmacy, medicine, and other professions in order to find sustainable solutions to dental public health issues, he said. At USask, the co-location of health science colleges lends itself to the kinds of research

partnerships Jessani seeks. "We're situated together, so let's work together," he said.

Jessani brings with him extensive experience gained during his time in Vancouver addressing the health needs of marginalized populations.

"Through UBC, I worked in community schools, long-term care facilities and community clinics on the downtown east side of Vancouver, and I want to connect

these two worlds for my students," he said. "My teaching philosophy is based on the principles of comprehensive patient care and minimum invasive dentistry where students are taught to apply those concepts to not only address the dental problems but also look after the overall well-being of their patients." ■

FUTURE FACULTY

INDIGENOUS DENTIST AND PEDIATRIC SPECIALIST DR. SHERI MCKINSTRY TO JOIN THE COLLEGE IN 2020

Dr. Sheri McKinstry grew up in the Pine Falls area in Manitoba with her parents and eight siblings. She is a proud band member of Sagkeeng First Nation, Manitoba. Her grandparents originated from Fisher River First Nation, Peguis First Nation and Hollow Water First Nation/Manigotagan (aka Bad Throat), Manitoba. Since 1990, McKinstry has lived in Winnipeg where she was able to raise her children and pursue her education.

Even though she dropped out of school at a young age to help care for her siblings, she pursued education after the birth of her first child when she realized how it impacted future opportunities for her children.

Despite not having a high school diploma, McKinstry obtained the necessary credits to get into the University of Manitoba as a mature student where she completed a Bachelor of Science (microbiology/chemistry) in 2001, and a Bachelor of Science in dentistry and Doctor of Dental Medicine in 2005. She briefly joined the Centre for Community Oral Health at the University of Manitoba before contracting with the federal government after dental school to provide dental service in rural Indigenous communities for the next 12 years.

McKinstry obtained a high school diploma in 2010 and returned to the University of Manitoba in 2012 part-time to explore Indigenous Studies. In 2014, she went on to the Master of Public Health (MPH) program, specifically the Indigenous Peoples' Health pathway at the University of Victoria. She graduated with a Master of Public Health in Indigenous Peoples' Health in 2017.

Currently, she is in her second year of a Master of Dentistry degree specializing in pediatric dentistry at the University of Manitoba. Once completed, she looks forward to relocating to Saskatoon and joining the dental team at the University of Saskatchewan in 2020.

McKinstry and her husband Andrew are proud parents of four grown children.



Dr. Sheri McKinstry is set to join the College of Dentistry in 2020.

Although they have no grandchildren yet, both are looking forward to that milestone of their journey. They have been together for 29 years and married for 24.

IN HER OWN WORDS: DR. SHERI MCKINSTRY SHARES HER VISION FOR INDIGENOUS ORAL HEALTH

"I have always been interested in learning from my ancestors and exploring my lost culture. From a young age—and based on my own experiences, family history, and what happens around me—I have always questioned why things are the way they are today for Indigenous people. Likely, this is why I have spent so many years exploring various avenues for answers.

When I went back to school as a teenaged mom, my goal was to become a dentist and work in First Nation communities where I would eliminate dental disease. So, when I graduated from dental school, I contracted with the federal government as soon as I had my dental license. I was immediately overwhelmed by the work that needed to

be done. I worked long hours, through my lunch, and felt like I could barely keep up with the immediate dental needs, let alone try to prevent future dental disease.

I learned very quickly that putting fillings in teeth and sending children with early childhood caries off for surgery did not treat dental disease, and that—although necessary—brushing and flossing alone may not be enough to eliminate future dental disease in First Nation communities. This linear way of thinking does not fit the holistic or circular approach that is needed to approach Indigenous health. It just does not fit.

My vision for Indigenous oral health is to help eliminate early childhood caries by working collaboratively with other health-care professionals, educational institutions, government, policy-makers, non-governmental organizations and communities to make necessary positive changes and create opportunities that empower communities to improve the livelihood and overall health of Indigenous people." ■

RESEARCH OVERVIEW



Dr. Petros Papagerakis, associate dean research, College of Dentistry.

The College of Dentistry is in the process of transforming into a research-intensive institution.

According to associate dean of research Dr. Petros Papagerakis, the college had 27 grant submissions last year. From these grants, 12 were awarded, bringing almost \$2 million in research funding to the college.

Part of that funding includes \$300,000 in equipment support from the Canada Foundation for Innovation (CFI) to help understand the connections between circadian clock disruption, oral cancer and Sjögren's Syndrome as they relate to precision health care. The research is being led by Drs. Petros and Silvana Papagerakis and will focus on developing "precision

prediction, diagnostic and therapeutic approaches tailored to the unique molecular and circadian profiles of each individual."

In a separate interdisciplinary collaboration with Daniel Chen, USask professor of mechanical engineering and biomedical engineering, Dr. Petros Papagerakis received Saskatchewan Health Research Foundation (SHRF) funding to examine how to treat tooth defects and regenerate dental enamel using 3D-printing technologies. Papagerakis is also co-investigator on another SHRF grant with pharmacy and nutrition researcher Jessica Lieffers. Their team is exploring the perceptions and the access to information that parents have involving child tooth decay and the role of nutrition.

In order to further facilitate and enhance college research capacity and output, Dr. Papagerakis and newly hired research facilitator, Janice Michael, will meet and work with each faculty member to identify upcoming research funding opportunities tailored to their expertise and research interests. These meetings and planning sessions are already underway and are expected to run into 2019. Opportunities under consideration include those from national, provincial and local funding agencies, as well as ones available through specialized funding calls from dental organizations and research foundations.

With new college faculty specializing

in areas such as vulnerable populations, pediatric dentistry and dental public health, the potential to support a wide variety of important research will be thoroughly examined. To date, research meetings have discussed prenatal oral health in vulnerable populations, community-based research in northern communities, analyzing existing pediatric data from South Africa, pediatric dentistry, Fetal Alcohol Spectrum Disorder, dental materials and synchrotron imaging at the Canadian Light Source, oral health perceptions in specific populations, and dental education topics.

The college has also created two clusters for all research activities to be focused on in the next few years: the precision health and technology research cluster, and the dental public health and education research cluster. All faculty have joined one or both clusters. In June, a university-wide Precision Health Research Café was held at the University Club to develop research in the precision health and technology cluster.

In other news, summer research programs were recently offered to dental students for the first time in the College of Dentistry's history. In the first year of this new program, four student research projects were awarded. Additionally, another three dental students participated in summer research projects funded by undergraduate research opportunities and faculty research funds. ■

FACILITATOR NOW IN PLACE TO SUPPORT COLLEGE RESEARCH EFFORTS



Janice Michael, MBA, CPA, CGA, research facilitator, College of Dentistry.

Janice Michael has joined the College of Dentistry in the position of research facilitator as part of the effort to build capacity and increase funding for research activities. She will divide her time between the college, where she reports to Dr. Petros Papagerakis, and other areas of the university.

Michael most recently worked as a financial development specialist in the Office of the Vice-President Research's Strategic Research Initiatives unit, which facilitated the development of large-scale grants. As well as designations as a

chartered professional accountant, certified general accountant, Michael has a Bachelor of Education degree and a Master of Business Administration from Laurentian University.

In addition to providing strategic and operational support for the college, Michael will assist with all aspects of grant development and submission, including "test your concept" discussions, structuring proposals, pre-submission grant review, budget development and navigation of the ethics certification process. ■

STUDYING THE DAT: AMBITIOUS RESEARCH PROJECT AIMS TO SUPPORT CANADA'S FUTURE DENTISTS

The University of Saskatchewan College of Dentistry will partner with the College of Education and a team of North American scholars to study an important dental school admissions tool.

The Canadian Dental Association (CDA) and the Association of Canadian Faculties of Dentistry have awarded the University of Saskatchewan College of Dentistry a research grant with significant potential for dental schools across Canada.

Recently, the two funding groups assembled the Committee on the Identification of Future Dentists (CIFD) to direct the research and development of dental school recruitment and admission tools.

A portion of the CIFD's focus involved supporting research to study the roles of manual dexterity and spatial perception in the Dental Aptitude Test (DAT). Several Canadian dental schools use the DAT, in combination with a student interview and a review of academic standing, in order to identify suitable candidates for admission into Doctor of Dental Medicine (DMD) programs across the country.

"The CDA was quite impressed with the research proposal we provided and awarded our team \$200,000 in funding to review the role of assessing non-academic and non-social skills in dental student candidates," said College of Dentistry Dean Dr. Doug Brothwell, the principle investigator of the research project.

Calling the research proposal "ambitious

and innovative," the CDA lauded the diversity of culture and gender within the multidisciplinary team it selected to complete this research. The diversity of this research partnership is no accident and is intended to assist the exploration of the diversity among hopeful students looking to enter dental school.

"It is no secret within the dental community that the current DAT has opportunities for refinement," said Brothwell. "But our team will also explore how tests of manual dexterity and spatial perception may be able to avoid biases based on gender, cultural values and more."

Part of the research includes "increasing our understanding of how the DAT may—or may not—predict the success of Indigenous students," said Brothwell.

Composed of scholars from the USask colleges of dentistry and education, this research collaboration will also include experts from dental schools based in Alberta, Manitoba and Michigan.

Over the next two years, the team will evaluate the utility of the current DAT and develop and evaluate a number of de novo dexterity/perception methods that could eventually replace the existing DAT as the preferred tool to identify the student candidates best suited to the profession of dentistry. The research will include comparative analyses of DAT scores from the current testing framework against the relative success of those students once they were admitted into DMD programs.

"This research opportunity is truly

the first of its kind and has the potential to improve the dental profession across Canada," said Brothwell.

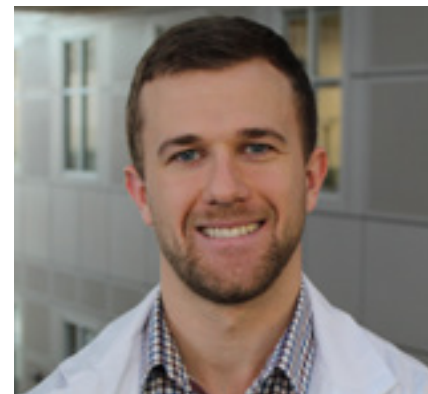
As such, the work could also positively influence the quality of care received by future dental patients, including those priority populations where access to specialized care may be an issue.

Brothwell sees this research opportunity as a chance for the College of Dentistry "to take part in a meaningful collaboration that will review the assessment tools available to dental schools while respecting the diversity of the individuals who will form the next generation of dental professionals." ■



Photos of manual dexterity tests that may potentially inform the design of a new test to replace the existing DAT.

SYNCHROTRON BEAMLINE OFFERS UP-CLOSE VIEW IN VENEER RESEARCH



DMD student Christopher ven der Buhs used the Canadian Light Source (CLS) synchrotron to gather data for his winning presentation at the 2017 table clinics.

For 103 hours, most of them at night, Doctor of Dental Medicine student Christopher ven der Buhs sat in front of a computer in a small room on the experimental floor of the Canadian Light Source (CLS) synchrotron running numbers, lots and lots of numbers. It may go down as one of the most exhaustive, and exhausting, table clinic projects to date in the College of Dentistry but it was also first-of-its-kind research by the winner of the 2017 competition.

Had he known what would be involved in his study of marginal adaptation of no-prep veneers using the CLS, ven der Buhs said he might have sought out a partner for the project. As it was, he managed to explore an aspect of no-prep veneers that no one had looked at before, and produced results that call for more study in the future.

Ven der Buhs said no-prep veneers are growing in popularity in cosmetic dentistry because, unlike conventional veneers, they are applied "without touching the tooth with a drill" which carries with it inherent risks to tooth structures. His study focused specifically on the margin of the veneer "and how well it did compared to traditional veneers."

The project was suggested by Drs. Diego Ardenghi and Renata Grazziotin with assistance from Dr. Assem Hedayat. The process involved preparing extracted

central incisors for traditional veneer application and for no-prep veneers. Digital impressions were taken and Carlton Dental Laboratories produced veneers from the 3D models, ven der Buhs explained.

Both types of veneers were cemented in place, the margins were polished and any over contour was corrected. Then it was off to the synchrotron where the group, assisted by CLS Associate Scientist Dr. Ning Zhu, used the biomedical imaging and therapy beamline to image the margins of the veneered teeth at the minute scale of 4.3 micrometres. (For comparison, the tip of the average dental explorer is 270 micrometres.)

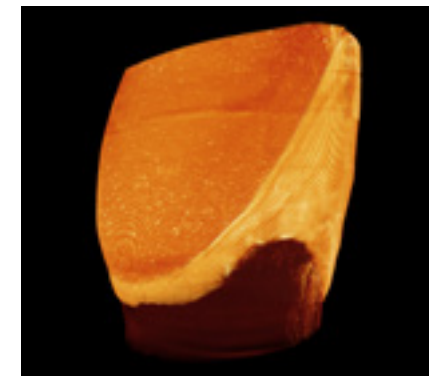
Once the 103 hours of data compilation and analysis were complete, ven der Buhs was able to determine the margin was adequate for both types of veneers. "I was actually surprised we found they were so close," he said.

However, the imaging revealed cracks and fractures all along the entire margin of the no-prep veneer while none were found with the traditional application. "I don't know how long it would be before the (no-prep) veneer would lift and you would get microleakage," said ven der Buhs. "I think the life of the veneer is jeopardized" but that will only be determined with further study. Until that happens, "I wouldn't have them in my mouth."

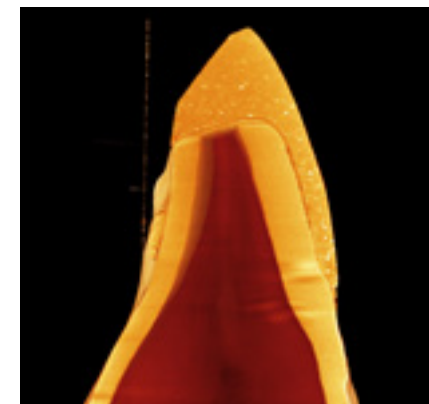
Winning the table clinic competition earned ven der Buhs a trip to Prince Edward Island in August to present his work at the Canadian Dental Association/Dentsply Sirona Student Clinician Research Program competition.

Only the first- and second-place finishers in the competition are identified, so "I don't know how I did" but ven der Buhs did come away with a student scholarship from the Pierre Fauchard Academy and a lifetime membership in Student Competition for Advancing Dental Research and its Application (SCADA).

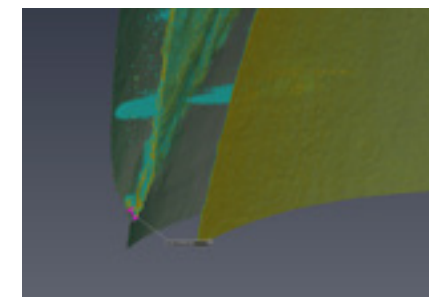
In April 2019, ven der Buhs, who is in the Canadian Armed Forces, will get his posting and will begin his professional career in the military. Like his classmates, he will leave the College of Dentistry with a degree but also with the experience of having done unique research on a synchrotron. ■



Surface profile of veneer. A 3D rendering of a full standard veneer used in the study showing difference of veneer and tooth based on density and composition.



Marginal adaptation of sample two, a partial no-prep. Sagittal slice of a 3D rendering showcasing a visual representation of the marginal adaptation.



Marginal gap of sample four. 3D rendering of a no-prep veneer showing the marginal gap between veneer and tooth used to determine marginal adaptation.

DOG SALIVA STUDY HELPS DENTISTRY STUDENTS MAKE CONNECTIONS ACROSS CAMPUS

As the College of Dentistry works to expand research capacity and output, its students are thinking outside the box about their own investigations and tapping into opportunities created by the university's One Health Initiative. Designed to advance both research and education through the integration of disciplines, the initiative is opening doors across campus for dentistry students to learn and explore solutions at the human-animal-environment interface.

Second-year dentistry students Jessa Drury, Lisa Bachiu and Susanne Skulski were sitting in their endodontics class when they came up with the idea of how they could connect their schooling at the College of Dentistry with veterinary medicine.

"Our professor was showing us a video of a root canal he was doing on a ferret, and we had a light bulb go off," said Drury. "So, when we were in our dentistry table clinics class and needed to find a research project, we thought it would be cool to work with a veterinary dentist."

The three students—all pet lovers—decided to search on the USask Western College of Veterinary Medicine (WCVM) website to see if they could find someone who could help. Their search led to Dr. Candace Lowe, a board-certified veterinary dentist and an assistant professor in the WCVM's Department of Small Animal Clinical Sciences.

"The students contacted me and asked what kind of project we could do," said Lowe. "I was happy to help them out, and we tossed a few ideas back and forth until we decided on the raw meat study."

For Lowe, it was the perfect opportunity to study a topic that she had wanted to investigate for some time: do dogs that eat raw meat diets have zoonotic bacteria in their mouths?

"We know from published studies that there are zoonotic bacteria that can be passed on to humans in raw diets as well as in the feces of the dogs that eat raw diets. However, no one has investigated whether zoonotic bacteria are in their mouths," said Lowe.

Escherichia coli, *Salmonella* and *Campylobacter spp.* are the zoonotic bacteria species that cause the most concern. If these



Dr. Candace Lowe, a board-certified veterinary dentist and an assistant professor in the WCVM's Department of Small Animal Clinical Sciences.

species are found in dogs' mouths, there's a potential for the bacteria to be transmitted to humans when the dogs lick their owners or even lick floors where young children crawl or play.

After spreading the word among Saskatoon's dog community, Lowe and the three dentistry students had over 60 dogs enrolled in the study: 30 dogs that ate raw meat diets and 30 dogs that ate kibble-based diets. Owners had to bring their dogs to the WCVM's Veterinary Medical Centre within an hour of the animals' last meal so the research team could swab the dogs' mouths.

WCVM students also pitched in to help the dentistry team collect the dogs' saliva samples. "They were really helpful with actually doing the swabs ... because we walked in and didn't really know what to do. Do we ask it [the dog] to sit? Do we ask it to open wide?" said Drury, laughing.

Along with the regular saliva collections, the dentistry students frequently met with Lowe while she was working on patients—another intriguing part of the collaborative research project.

"One time, we came over for the meeting and she was sewing up a bilateral broken mandible [jaw], and we were like 'wow,'" said Skulski.

"We offered to come back, but she just told us to come over and check it out," added Bachiu.

In early May, the three dentistry



TARYN RIEMER

students presented a research poster titled, "Identification of bacterial zoonotic pathogens in the oral environment of dogs fed a raw-food diet," at the 2018 Life and Health Sciences Research Expo on the USask campus. They hope to eventually have their research published.

Although a large portion of the study is complete, the group still hopes to find more participants. "I'd love to have 50 dogs in each group (raw meat and kibble-based diets), so we're still looking for volunteers," said Lowe. ■

By Taryn Riemer. Reprinted with permission of the Western College of Veterinary Medicine.



Celebrating

50 YEARS OF DENTISTRY 1968 - 2018

For more information about the college's 50th anniversary, please visit dentistry.usask.ca/50.

In 1968, the College of Dentistry at the University of Saskatchewan welcomed its very first students into the Doctor of Dental Medicine (DMD) program.

Fifty years and nearly 1,000 graduates later, the college has a number of significant memories and milestones to be proud of.

A selection of important college moments is outlined below.

Photos from the College of Dentistry and University Archives and Special Collections.

First Dentists Graduate

The University graduated its first dentists at the annual Fall Convocation in Saskatoon, Saturday, Oct. 28. The first class of 10 students entered the College of Dentistry in the fall of 1968, following a year of pre-dental studies. The College of Dentistry, Canada's ninth, was established on the Saskatoon campus in 1965. The dental program, leading to the degree of dental medicine (DMD), embodies features that are completely new in dental education. These include a year of dental internship, believed to be the first anywhere, and a much closer integration with the medical program than is generally found elsewhere.

Dr. K. J. Paynter (left), dean of dentistry, presented the first students, who are (left to right) Nancy Earl, of Lumadan; Thomas Gordon, of Kelowna, British Columbia; Ian Hamilton, of Kelvington; Donald Johnson and Dennis Lanigan, both of Regina; Linda ...



Campus News article covering Fall Convocation in 1972 and the first USask dentists to complete the DMD program.

1965

- On Mar. 4, the Senate of the University of Saskatchewan approves the establishment of a College of Dentistry on the Saskatoon Campus, making it the ninth dental school in Canada.

1966

- Dr. K.J. Paynter is named dean.

1968

- On July 10, Dean Paynter reaches out to heraldry expert Alfred Lyford Courtenay Atkinson, a former USask engineering professor, to discuss the development of a coat of arms for the College of Dentistry.
- The first students in the DMD, a five-year program, register for classes on Sept. 12. The first classes are held in Ellis Hall and limited to 10 students due to lack of space.



Dr. K. J. Paynter, the first dean of the USask College of Dentistry. (A-5224)

1969

- The USask Ceremonial Functions Committee approves the design for the College of Dentistry coat of arms on May 14.

1972

- The 10 students comprising the first graduating class of the DMD program cross the stage at Fall Convocation on Oct. 28. Dr. Dennis Lanigan becomes the first-ever graduate of the program to receive the Gold Medal in Dentistry.
- The General Practice Residency (GPR) program begins in the University Hospital.

1974

- Dr. C.W.B. McPhail is named dean.

1975

- The College of Dentistry hockey team wins the University A League.



Construction of Dental Stores on the ground floor of the Dental Clinic Building, January 1978.



Exterior of the Dental Clinic Building in 1980.



Several classes (including members from the Class of 1972) reunite for Inci-dentally '84.



The official opening of the new Dental Clinic Building in 1979. (A-6536)



2013 CDA President Dr. Peter Doig, Class of 1983.



Interior of the dental clinic in the early 1980s.

1977

- Construction of the current Dental Clinic Building begins.
- Dr. E.R. Ambrose is named dean.

1978

- The first student table clinics are held by the Class of 1981.

1979

- On June 19, the college officially opens a newly constructed three-storey Dental Clinic Building and is able to accommodate 25 students. The "heart" of the building includes the main clinic on the second floor, with 64 dental chairs.

1981

- The first dentistry faculty/student hockey game is held at Rutherford Arena.

1984

- The first dental college reunion, Inci-dentally '84, is held Aug. 23-25. Babysitters are provided to attendees for a fee of \$2/hour.

1986

- Dr. P.B. Innes is named dean.

1993

- Dr. R.E. McDermott is named dean.



Dr. Kirk Johnston, Class of 1994.

1995

- The Dr. Kirk Johnston Spirit of Dentistry Memorial Award is created in honour of Class of 1994 graduate Kirk Johnston who passed away a few months after completing the DMD program.

1998

- The Dr. R.E. McDermott Clinical Simulation Facility opens on April 29.
- Dr. J.K. Sutherland is named acting dean.
- The first Dr. Kent McLeod Memorial Golf Tournament takes place in the fall.

1999

- The DMD program transitions from a five-year program to a four-year program.

2000

- Dr. C.G. Baker is named dean.
- *Recall* is launched as a spring/fall newsletter.

2001

- Dr. J.E. Stakiw is named acting dean.
- The inaugural White Coat Ceremony takes place on Aug. 24 with the Class of 2005.

2002

- Dr. C.G. Baker is named dean.

2003

- The five-year DMD program ends and two classes graduate.

2004

- *Recall* launches as a magazine in the fall.
- Dr. J.E. Stakiw is named acting dean.

2006

- Dr. G.S. Uswak is named acting dean.

2008

- Dr. G.S. Uswak is named dean.

2009

- The White Coat Ceremony is changed to a January celebration held in Convocation Hall.
- The college shifts from paper to electronic health records in the summer.
- In the fall, an air compressor and air lines filled with water flood the second-floor clinic, resulting in a one-day clinic closure.

2011

- Saskatoon West Dental Community Clinic opens in December.

2012

- The college transitions to digital x-rays.

2013

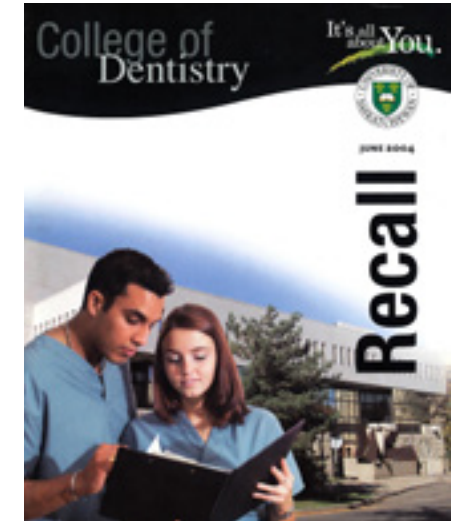
- Dr. Peter Doig (Class of 1983) is named president of the Canadian Dental Association.

2017

- Dr. D.J. Brothwell (Class of 1984) is named dean.
- Clinic 120 opens in October.



Clinic 120



The cover of the very first issue of *Recall*.



In 2009, the Class of 2011 was the first class to have the White Coat Ceremony at Convocation Hall.

2018

- Dr. Mitch Taillon (Class of 1984) is named president of the Canadian Dental Association.
- The College of Dentistry formally revises its admission numbers and Indigenous inclusion practices to accommodate 34 first-year students.
- A new Saskatoon-based Certificate in Dental Assisting (CDA) program begins Sept. 4.
- **The College of Dentistry celebrates 50 years of the DMD program at the University of Saskatchewan.**



Dr. Mitch Taillon (Class of 1984)

DESIGNING A PIECE OF HISTORY: THE DEVELOPMENT OF THE COLLEGE OF DENTISTRY COAT OF ARMS



Dr. K.J. Paynter, the first dean of the University of Saskatchewan College of Dentistry.
Image : 1971 yearbook.

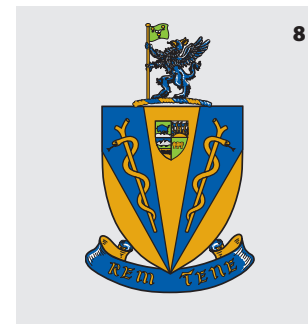
The year was 1968—three years after the University of Saskatchewan Senate approved the establishment of the College of Dentistry on the Saskatoon campus—and Dean K.J. Paynter was looking to develop an emblem to represent the college.

As head of the ninth, and newest, dental school in Canada, Dean Paynter had noticed that other dental schools had chosen to adopt the symbol of Caduceus—the traditional symbol of the ancient Greek god Hermes, featuring two snakes intertwined around a winged staff.

Paynter began reaching out to colleagues to understand the symbolism behind the emblems used by other dental and medical organizations. One of the first people he contacted for information was Canadian Dental Association (CDA) secretary Dr. W.G. McIntosh.

In a letter dated April 10, 1968, McIntosh explained to Paynter that the CDA had yet to finalize a decision on its emblem but that it was likely going to adopt “the only true symbol of medicine.” McIntosh was not referring to the double-snake symbol of Caduceus but, rather, to a staff with a single snake wrapped around it representing Asclepius, the Greek god of healing.

In the weeks that followed, Paynter worked with University of Saskatchewan staff to develop an early concept of a design that fused the wings of Hermes with the Rod of Asclepius while including other necessities such as a Latin motto, the triangular Greek letter delta and a colour scheme that included lilac, the official colour of dentistry since 1897.



1. The caduceus is a symbol frequently mistaken to represent medicine due to its resemblance to the Rod of Asclepius.
2. The coat of arms designed by Professor Atkinson for the City of Saskatoon. Image provided by the City of Saskatoon.
3. Pegasus sits atop the College of Arts and Science coat of arms created by Alfred Lyford Courtenay “Alca” Atkinson.
4. Atkinson’s 1965 design of the College of Law coat of arms.
- 5-7. Felt badges based on the coats of arms Atkinson designed for the Colleges of Engineering, Commerce (now the Edwards School of Business) and Agriculture.
8. The Western College of Veterinary Medicine has one of the very few USask coats of arms designed by Atkinson where the university canton is not in the top left “point of honour” but, rather, in the flag held by the crest atop the shield.

CONTACTING ALCA

Upon the recommendation of A. Anstensen, chairman of the USask Ceremonials Functions Committee, Paynter mailed a copy of the preliminary coat of arms concept to Alfred Lyford Courtenay “Alca” Atkinson, a USask alumnus and former professor with the College of Engineering. Atkinson was in his seventies at the time and had moved to British Columbia after spending over 20 years teaching at USask.

A naval architect, engineer and artist, Atkinson had been relied upon as the University of Saskatchewan’s expert on heraldry. He had designed the coats of arms for a number of USask colleges and institutes including engineering, agriculture, St. Thomas More, commerce, arts and science, law, veterinary medicine, graduate studies, the USask Regina campus and the Institute for Northern Studies. He had also designed pieces for municipalities—several in British Columbia and, most notably, the crest and coat of arms that had been adopted by the City of Saskatoon in 1948.

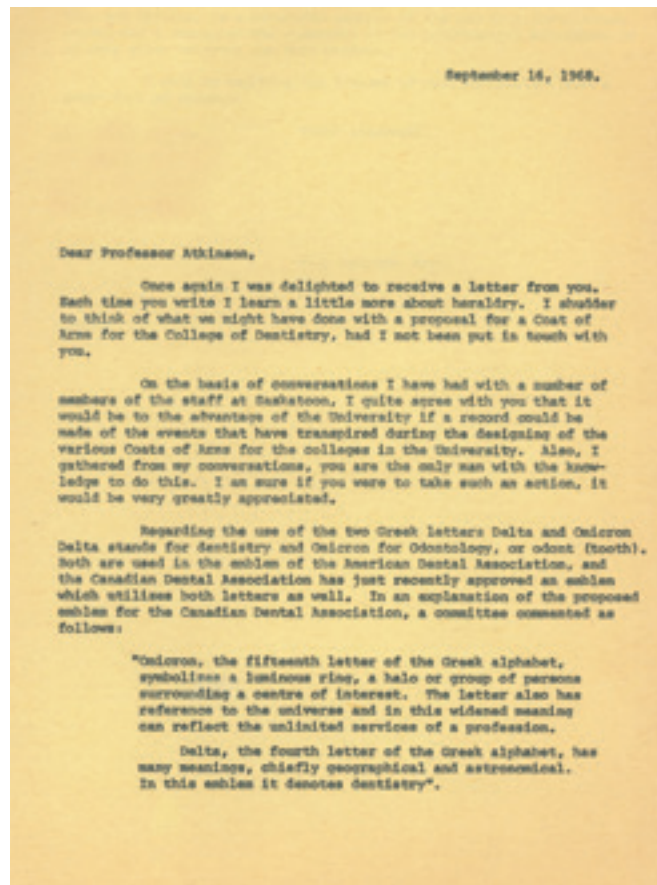
In his handwritten reply to Dean Paynter in July of 1968, Atkinson provided a professional critique of the conceptual drawing Dean Paynter had called the College of Dentistry “crest.”

One of Atkinson’s first comments was a polite reminder of the difference between a crest and a coat of arms.

“One should not speak of the ‘crest’ as the whole coat of arms,” wrote Atkinson. “It is a part of it as, for example, Pegasus in the case of the College of Arts and Science.”

Atkinson’s feedback also included explanations of several rules upon which the complex system of international heraldry is based. Colour usage, “charges” placed above a shield, artwork sizing and more were summarized in his initial three-page reply to Paynter. A key piece of advice Atkinson insisted upon was to forbid the use of any lilac colouring and shift the official colour to a heraldry-approved purple.

He also recommended moving the university’s symbols (a book of knowledge and three wheat sheaves) to a canton in the upper-left corner of the design as an “augmentation of honour.” This treatment was similar to seven of the designs Alca Atkinson had created for USask.



Dean Paynter's letter to Professor Atkinson explaining the importance of the Greek letters delta and omicron to the field of dentistry. This letter was written just days after the first-ever classes were held for the new Doctor of Dental Medicine (DMD) program at the university.

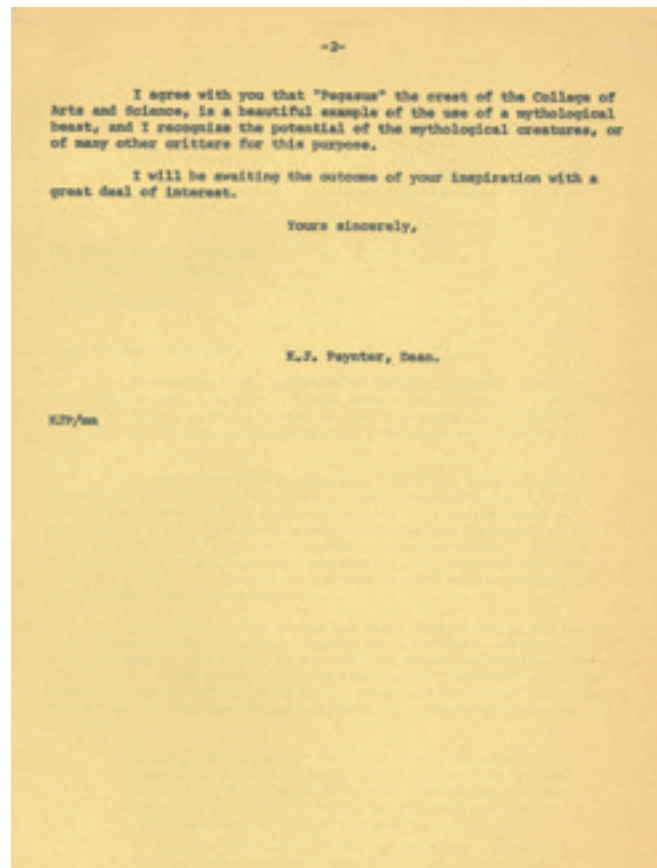
One of the items left mostly unaltered from the original drawing Paynter provided was the placement and wording of the college motto "*meliora scientiam artem*," which means "excellence through knowledge and skill."

IRONING OUT THE DETAILS

This first exchange of letters between Dean Paynter and Professor Atkinson was by no means the last. In the months that followed, the two maintained regular contact by mail as Atkinson officially took on the role of developing a College of Dentistry coat of arms. They agreed to follow the spirit of the original concept while adhering to the heraldic traditions surrounding symbol placement and artistry.

During these mailed communications, Paynter and Atkinson exchanged several thoughts regarding how to best represent the college and the profession of dentistry. They decided to abandon the winged staff and twin snakes from the Caduceus in favour of the single snake around the wingless Rod of Asclepius. They also discussed how the Greek letter delta (Δ) represented dentistry and how they might also include the letter omicron (\omicron) into the design to represent odontology.

One of the items left mostly unaltered from the original drawing Paynter provided was the placement and wording of the college motto "*meliora scientiam artem*," abbreviated from the Latin "*ad meliora per scientiam et artem*," which means "excellence through knowledge and skill." The only change to this part of the design was to ensure that the lettering appeared in the new purple colour on a silver scroll.



The first concept sketch of the College of Dentistry emblem that Dean Paynter mailed to Professor Atkinson for heraldic review. The wyvern crest and the Greek letter omicron had yet to be incorporated into the design.

THE CREST

One of the more subjective elements of the design process involved selecting a crest. Atkinson explained a crest as the animate or inanimate object resting above "what the knight in armour tied his crest on to his helmet with"—a wreath of six twisted bands.

Atkinson and Paynter considered several crest options. They provided their own suggestions and contemplated those provided by the ad hoc USask committee that was acting as a faculty council for the College of Dentistry in the days leading up to the launch of the DMD program in September of 1968.

The committee, Paynter and Atkinson were all in agreement that some type of creature would be preferred as the crest rather than an inanimate object. Crest options that were discussed included a lynx, a beaver, an elk, an antelope, and a moose head. The beaver was appreciated for its impressive work with its teeth but dismissed because of its existing relationship with engineering. The moose head was briefly considered, but only if placed facing "dexter" rather than "sinister" to avoid replicating the styling of the moose head Atkinson had used on the coat of arms he had designed for the City of Moose Jaw.



In 2018, as part of the 50th anniversary of the DMD program, the College of Dentistry coat of arms was restored for high-resolution reproductions that aligned with the original intent of Professor Atkinson's design, colour scheme and the rules of international heraldry.

ENTER THE WYVERN

Mythological creatures and birds were also proposed by Atkinson, who even completed a conceptual drawing that employed a unicorn as the coat of arms' crest. When that option was dismissed, Atkinson presented the idea of using a wyvern—a winged, reptilian beast similar to a dragon but having only two legs.

Upon receipt of an Atkinson drawing that included the wyvern as the crest on the coat of arms, Dean Paynter showed the design to members of the new dental college.

"The staff to whom I have shown the design are all enthusiastic about it, and our students (all 10 of them) seem also very impressed with your proposal," wrote the dean. "As a matter of fact, the students made an enlarged copy of it to place on their first effort in building a Dental College float for homecoming weekend parade."

DESIGN APPROVAL

By November of 1968, Alca Atkinson's coat of arms design was approved by the committee acting in place of a college faculty council. The only requested change



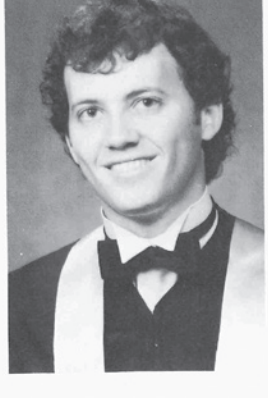
A young A.L.C. Atkinson, USask alumnus and former College of Engineering faculty member who would design the College of Dentistry coat of arms at the age of 72. Image courtesy of University of Saskatchewan, University Archives and Special Collections, Photograph Collection, A-3221.

to the design was to add a silver chain of interlocked delta and omicron Greek lettering around the wyvern's neck to mark the "charge" as an adopted entity of the college and of the dental profession.

With this final adjustment confirmed, Atkinson provided Dean Paynter with the wording for a heraldic blazon. This description outlined the design elements that would be formally incorporated into the college's coat of arms when it was approved by the University of Saskatchewan Board of Governors in the summer of 1969.

The College of Dentistry's coat of arms has been an important part of a history that now spans six decades. It is used as an emblem of honour on the white coats proudly received by second-year students of the DMD program. It graces the graduation class photos that fill the college's third-floor hallway. It has been cast in bronze, etched onto keepsakes and has become an integral piece of the dental student experience at USask.

In order for the coat of arms to continue serving the college for decades to come, the graphic was recently restored to a more detailed rendering based on the final drawings that Professor Atkinson prepared for Dean Paynter and the college. ■



CLASS OF '83



Dr. Peter Doig, Class of 1983.

REFLECTIONS ON A CAREER IN DENTISTRY

By Dr. Peter Doig, Class of 1983

I entered the University of Saskatchewan College of Dentistry in the fall of 1978. My first day was auspicious. I, and some others in my class, missed the very first lecture—an 8:30 am course in DENT 245A: Dental Materials, presented by Dr. John Gourley. My first morning began with an annoyed professor who didn't appreciate that we were given conflicting schedules. Some of us understood that we were starting dental school with a meeting with Dean McPhail and the fifth-year students in the Dentistry Student Lounge at 9:30 am.

So started my five years in dental school. Dental school is a challenge, but it is meant to be and it should be. As do almost all new entrants to the college, I arrived with a bit of a chip on my shoulder. A necessary, but uncomfortable, activity at dental school is the removal of foreign objects from the acromioclavicular region. For some of us, that came with our first set of marks in dental school; for others, it was a painful procedure carried out on the clinic floor. But, in my experience, the realization that one rarely knows everything about a subject matter instills a desire to gain knowledge through learning. This concept has helped me throughout my career.

Our professors and clinical instructors ensured that we demonstrated competence and—while at times, they may have seemed demanding—they were teaching us to critically evaluate our own performance and to continually seek improvement. Lectures, laboratory work and the clinical time we spent with our peers resulted in friendships that have lasted long after graduation.

My first experience with board governance and decision making occurred in dental school. I was fortunate to be picked by Dean Ambrose to be the student representative on an important

faculty committee at the school. Although this responsibility was in addition to my schoolwork, it gave me a significant additional educational experience.

A year and a half after graduation, I purchased my dental practices in Dauphin and Ste. Rose du Lac, Man., following the unexpected passing of my mentor and owner of the practices, Dr. Vern Watson. Shortly after the purchase, I received a phone call from the executive director of the Manitoba Dental Association, Mr. Ross McIntyre. He informed me that Dr. Watson had been the longtime president of the Northern Manitoba Dental Society and recommended that I should assume that presidency because he did not want to have to change the mailing address of the society. It was the same as the practices I now owned!

After receiving a description of the responsibilities and a little cajoling, I accepted the "offer."

I grew up in a household in which my father, a physician, taught by example the importance of being involved in the management, strategic planning and representation of a profession. My initial exposure to committee work in dental school was the start of a career in organized dentistry that has taken me through the presidencies of the Northern Manitoba Dental Society, the Manitoba Dental Association, the Canadian Dental Association (CDA) and, currently, onto the board of the Commission on Dental Accreditation of Canada (CDAC). It also gave me the experience to contribute on other boards and committees in community service and corporate entrepreneurship.

In 2013, I left active clinical practice following a bicycling accident in 2012. My accident has not altered my desire to contribute to the profession that has

rewarded me so greatly. I am still a licensed dentist and am active in dental practice management, consulting and transition planning for dentists. My quest for knowledge and self-improvement—an attribute sharpened during my time at dental school—has led me to complete a Post-Baccalaureate Diploma in Management and I am completing my MBA with a focus on dental practice management.

In the world of organized dentistry, graduates of the University of Saskatchewan College of Dentistry frequently "punch above their weight." At the CDA, CDAC, the Association of Canadian Faculties of Dentistry (ACFD), the National Dental Examining Board of Canada (NDEB), and other representative bodies internationally, nationally and provincially—graduates of the University of Saskatchewan are well-respected contributors to our profession.

My journey in dentistry has not been alone. I am grateful for the friendships I developed in dental school—not just with my classmates but with members of other classes, professors, instructors, and support staff.

As I begin to reach the conclusion of my career, I hope to have an opportunity to contribute to the education of future dentists at the same institution I had the pleasure of attending. ■



Class of 2002 alumnus, Dr. Cam Brauer.

"My practice is too far away from the college for me to help out as part-time faculty, so I found a way to give back that worked for me."

Dr. Cam Brauer

Dr. Cam Brauer is living his best life. Married with two young boys, the Class of 2002 graduate works five days a week at his own dental practice in Calgary. He is heavily involved in hockey and even spends time coaching his sons. He enjoys travelling with his family and sailing around Vancouver Island whenever possible.

Brauer feels strongly that the University of Saskatchewan and the College of Dentistry set him up with the knowledge and resources he needed in order to have complete freedom over the direction of his life after he graduated. From having a self-directed work schedule and an excellent family life, to being able to explore opportunities for community involvement, Brauer appreciates the impact that his time at the college made on his life.

And he says that he would do it all over again in a heartbeat, if given the choice.

"I feel very fortunate and grateful for the foundation that was set. I can't say enough about the opportunity that was presented to me. My life would be very different if I wasn't provided with the tools to be successful in my education," said Brauer.

Brauer is passionate about taking care of his patients and believes that "when you do that, everything else will take care of itself." He enjoys working with patients of all ages and credits the foundation and education he received at USask with his ability to perform all disciplines in oral care.

In 2013, after a conversation with his father, Brauer felt that it was time to give back. His father had asked him to reflect on how his life would have been different without the dental school and to ponder

how he could share part of his success with others.

After a short conversation with alumnus Dr. Paul Teplitsky, Brauer pledged to donate \$50,000 to the college over a period of 10 years.

"My practice is too far away from the college for me to help out as part-time faculty, so I found a way to give back that worked for me," said Dr. Brauer.

When asked about the reasons behind why he wanted to give back, he answered, "to pay it forward and help someone who is on the same journey I once was. Or a maybe it's a sense of duty."

Over the last four years, Brauer's financial support has been put toward several college initiatives supporting student clinics, including equipment such as dental chairs, A-dec carts and Clinic 120 materials.

For Brauer, there were no conditions on his willingness to give. Charitable receipts were a perk rather than a necessity and Brauer trusted the school to assign his donations appropriately.

The future of the college and its ability to provide upcoming dentists with a strong educational foundation is something that Brauer is quite excited to see. When asked about what advice he would give regarding finding opportunities to give back, Brauer recommended that alumni "self-reflect on the life you have and the profession we're in. Take a good look back on the quality of life that each of us has because we graduated from the USask College of Dentistry. Your life would be very different without this starting foundation and that is a significant thing to appreciate and help maintain for others." ■

COLLEGE SPOTLIGHT

DR. EMILY BULL: SEEING THE BIG PICTURE OF PART-TIME FACULTY CONTRIBUTIONS TO STUDENT EDUCATION

For part-time faculty member Dr. Emily Bull, spending one afternoon a week in the College of Dentistry clinic is both a nice change of pace from her busy dental practice and an opportunity to contribute in a meaningful way to her alma mater.

"It's really a very different working environment from what we do here, which I enjoy," said Bull. "And for the college, it's important to have us (part-time faculty members) there as supervisors. You could have 30 students doing treatments on any given day and it's hard for permanent faculty to provide that level of supervision."

Bull's statement sums up the key role part-time faculty play in the clinical training of upper-year students in the college but, after nine years in the position, she also acknowledges that there are benefits for everyone involved—the students, the college, and those who provide their time and expertise on a part-time basis.

Born and raised in Saskatoon, Bull said her ambition was always to pursue a career in health care. She was nudged toward dentistry by a family friend who was both a practicing dentist and a part-time faculty member in the college. Bull graduated in 2009 from the College of Dentistry and "started teaching in pediatrics that same year. It was a way to give back to my school, and to help them out," she said.

The following year, Dr. Paul Teplitsky recruited Dr. Bull to teach in endodontics "and I've been working in that area for the past eight years."

Having taught both pre-clinical and clinical, she said she prefers the latter "because I enjoy that level of care for patients."

Thursday afternoons find her on the clinic floor overseeing students, answering their questions and, at the end of each clinic, grading their work. While supervising and grading are key aspects of her interaction with students, "one of the most important things is to encourage them," she said.

The level of involvement part-time faculty have in the college varies—"some go more often than I do if they want, some go less; the school is pretty accommodating," Bull understands it's not for everyone. Recent graduates in particular, who are establishing a practice and may be paying off education debt, may find it onerous to commit to a part-time teaching position, Bull said. There is some remuneration for the work "although people don't do it for the money."

"I think it's nice for students to be exposed to the perspective of people like me who are involved in real-world dentistry," she said.

Even more than being able to contribute to students' preparation for the profession of dentistry, Bull takes pleasure in getting to know them, and other college faculty, as individuals.

"For me, the biggest benefits of being part-time faculty are the relationships you form. These students are the dentists you're going to be working with as colleagues or as potential employees. You also get to work with specialists and, as a general dentist, it's awesome to have those connections." ■



Finance assistant Heather Reichert first began working at the college in early 2000.



As a part-time faculty member, Dr. Emily Bull is an integral component of student learning at the college.

HEATHER REICHERT: SUPPORTING THE COLLEGE THROUGH SERVICE EXCELLENCE

Heather Reichert unzips a canvas pouch and dumps keys onto her desk, at least a couple hundred of them. Some are loose, some are on small rings. Each one fits a door, a cabinet, a desk drawer or a filing cabinet somewhere in the College of Dentistry. Today, someone has asked for a specific key and, if it's in the pile on her desk, Reichert will find it.

"There are days when I just put my other work aside and take care of people in the college first because they have jobs to do too," said Reichert, whose title of finance assistant doesn't even begin to describe the scope of her work. "My door is always open to anyone who needs my help."

Reichert took up her position in the college in early 2000 after gaining valuable experience working for a number of employers.

"I didn't make a lot but I learned so much," she said. Reichert learned everything from handling cash to month-end reconciling, accounts receivable, payroll and administrative support. Prior to joining the university, she worked 15 years for commercial real estate giant Cadillac Fairview, which then owned Saskatoon's Midtown Plaza. "My job at Midtown was practically identical to what I'm doing here, so it was an almost seamless transition," she said.

Although her position supports Kevin Fuglerud, director of finance and administration, Reichert has stepped into other positions when needed, including handling undergraduate services and admissions.

Dealing with the college's financial accounting needs is a large part of her work but over the years, Reichert has seen her position expand. The biggest change, she said, was taking over responsibility for the sterilizer and waterline monitoring service, which has over 300 clients "and keeps us busy with day-to-day administration." She and colleague Lucinda Proulx also provide support to Dental Stores, ensuring invoices and statements go out to faculty and students monthly.

"We've also supported other programs over the years, including Hospital Dental and the Saskatoon West clinic. It all takes a little bit of your time every day."

Then there are all of the other requests she deals with—for phones to be hooked up and door signs to be printed, for office supplies to be ordered and for keys to be provided. The most challenging part of the work, she said, is managing her time efficiently.

The financial aspects of the job are both her speciality and her favourite, she said, "but I believe in service. I don't mind missing a coffee break to help out a student, or anyone who works in the college." ■

Celebrate the 50th Anniversary of the DMD program with the Huskies!

As part of the year-long celebrations recognizing 50 years of the Doctor of Dental Medicine (DMD) program, all College of Dentistry alumni are invited to reconnect and cheer on the Huskies as the women's hockey team takes on the University of Lethbridge at the newly opened Merlis Belsher Place.

This event is FREE for all USask DMD alumni thanks to a generous donation from the Huskies. Each alumni member is encouraged to bring a guest to this 50th anniversary event at no charge!

HUSKIE WOMEN'S HOCKEY VS THE LETHBRIDGE PRONGHORNS

**FRIDAY, JANUARY 18, 2019
6 PM AT MERLIS BELSHER PLACE**

PUCK DROPS AT 7PM

See the brand new Merlis Belsher Place arena up close and personal. Get a VIP tour, meet the dean, faculty, students and other alumni as we celebrate 50 years of dentistry.

Get your tickets NOW!

To register for this free event, or for more information, please visit dentistry.usask.ca/50/ and click on the "Events" link.

NOTE: Limit of two free tickets per alumni member. Additional tickets are available for purchase. \$22 for adults; \$10 for youth; accompanied children three and under receive free admission.



UNIVERSITY OF SASKATCHEWAN
College of Dentistry
DENTISTRY.USASK.CA

Merlis Belsher Place

2018 PHOTO HIGHLIGHTS: A YEAR IN REVIEW



2018 WHITE COAT CEREMONY

On Jan. 5, 2018, 28 second-year students in the college's DMD program took an important step in their dental profession journey when they were officially cloaked by fourth-year students as part of the annual White Coat Ceremony in the University of Saskatchewan's Convocation Hall.

Following an address by keynote speaker Dr. Garnet Packota (Class of 1978), the Class of 2020 collectively recited the Code of Professional Conduct to practice personal and academic integrity and maintain the highest standards of ethical behaviour.

The ceremony marks the beginning of the DMD program's second term of the second year when clinic work and responsibilities first begin and students transition from lab to clinic and from mannequin to patient. ■



DAVID STOBBE

WELCOMING OUR NEWEST ALUMNI, THE CLASS OF 2018

Twenty-eight students crossed the stage to receive their Doctor of Dental Medicine degrees at Spring Convocation on Thursday, June 7, 2018. Congratulations to Dr. Abraham Khaleghi, who was presented the Faculty of Dentistry Gold Medal recognizing outstanding academic performance.

The following morning, the College of Dental Surgeons of Saskatchewan paid tribute to the Class of 2018 at the annual Grad Breakfast. Dr. Kolbinson provided a heartwarming keynote address to the

DMD grads and their families and wished them well in their future endeavours.

Congratulations to Dr. Kyle Diakow, who was recognized as the 2018 recipient of the Canadian Dental Association Student Leadership Award. Dr. Abraham Khaleghi was also presented the CDSS Dentistry for Children Award and the Western Canada Dental Society Dr. Cal Waddell Memorial Scholarship.

Congratulations to the Class of 2018 and best wishes for a bright future and rewarding career! ■

Top: Dr. Abraham Khaleghi receiving the 2018 Faculty of Dentistry Gold Medal from Dr. Doug Brothwell.

Bottom: Dr. Desiree Liefvers being greeted by University Chancellor Roy Romanow.



CANADIAN DENTAL ASSOCIATION VISIT

On June 26, 2018, the CDA Board of Directors—including USask graduate and CDA President Dr. Mitch Taillon (Class of 1984)—visited the College of Dentistry. ■



SUBMITTED



CHAD REYNOLDS

LAUNCH OF THE DMD'S 50TH ANNIVERSARY CELEBRATIONS

On Friday, Sept. 7, the official kick-off to the college's 50th anniversary celebrations took place in conjunction with the 2018 Saskatchewan Oral Health Conference at the Delta Bessborough Hotel.

Anniversary emcees Dr. Dennis Lanigan and fourth-year DMD student Danica Bofoya shared college memories and introduced surprise cameo appearances by Dr. Paul Teplitsky, Dr. Dean Kolbinson, Dr. Bob Loney, Janet Sklarchuk and Sherry Hall-Streukens. Dean Brothwell provided closing remarks and a sneak peek of potential renovations proposed for the Dental Clinic Building. ■

2018 PHOTO HIGHLIGHTS: A YEAR IN REVIEW



20TH ANNUAL KENT MCLEOD MEMORIAL CLASSIC



ANNA LITTLE

Top:
Dr. Kent McLeod, Class of 1996.

L to R:
Donovan Shire, Nazli Abtahi,
Farah Goubran
and Ryan Teneycke used
"The Little Mermaid" as their
costume theme to
win the Big Wood Award for
best costume.

DMD alumni Kyle Diakow,
Andrew Doig, Brendon
Reynaud and Eric Tuttosi won
the 2018 tournament trophy.

The rain wasn't able to dampen any spirits on Saturday, Sept. 15, as 168 College of Dentistry students, alumni, faculty and friends enjoyed a Texas scramble golf tournament at the Moon Lake Golf and Country Club. In keeping with tradition, group costumes and a great attitude were front and centre as the Saskatchewan Dental Student Society honoured the late Dr. Kent McLeod who passed away in 1998.

This year marked the 20th anniversary of the fundraising event, which has given out awards from tournament proceeds to recognize scholarship, leadership, spirit and participation in extracurricular activities. Approximately \$7,500 was raised this year, with a portion being donated to the new student-run clinic, DIRECT Dental. Since 2003, 47 awards totalling \$68,000 have been presented to USask dental students.

"Every year I'm impressed by the commitment students have to continue this event. By sustaining the tournament for 20 years, they have created a college tradition that is part of the shared experience of all dental graduates. Alumni return to participate and give back. New elements are added to reflect the interests of each organizing committee and class. It's fantastic. The money they raise supports their peers and their college, and really highlights the character of USask dental students. Their decision to honour Kent as a classmate and colleague each year through this tournament is a true honour for our entire family."

Ghislaine McLeod

ORANGE SHIRT DAY 2018

The College of Dentistry encouraged students, faculty and staff to wear orange in recognition of Orange Shirt Day on Sept. 30, a nationwide event that keeps the reconciliation process alive and recognizes all aspects of residential schools. ■



SINCLAIR DENTAL

2018 FALL FORMAL

The Class of 2022 was formally introduced to the college dental community on Saturday, Oct. 13, at the annual Fall Formal event. Current students Christy MacPherson and Christopher Bertsch once again shared emcee duties as awards were announced for a number of deserving students, faculty and staff.

The 2018 Bronze Boot Play Award recognizing the biggest or most amusing blunder of the year was presented to Alyssa Weninger for a hair-raising incident with a Bunsen burner in the dry lab.

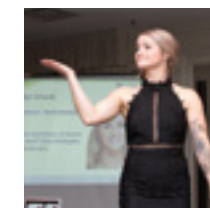
The year one student making the biggest impression on the year four class was Si Ming (Jerry) Zheng, who was presented with the 2018 Most Likely to Succeed Award.

Lab Technician Rick Kroener received the Preclinical Excellence in Teaching Award. The Clinical Excellence in Teaching Award went to Dr. Gord Johnson, a part-time faculty member and graduate from the Class of 1977.

Other awards announced that evening included the Anthony A. Blasko Memorial Award won by year three student Ryan Turple, the W.A. Cotter Memorial Award won by year four student Kristen Kezar and the Dr. Kirk Johnson Spirit of Dentistry Award won by year four's Christopher Bertsch. ■



Class of 2022

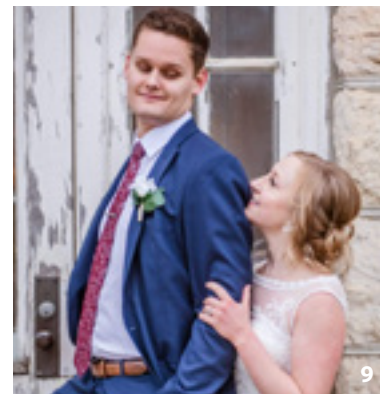
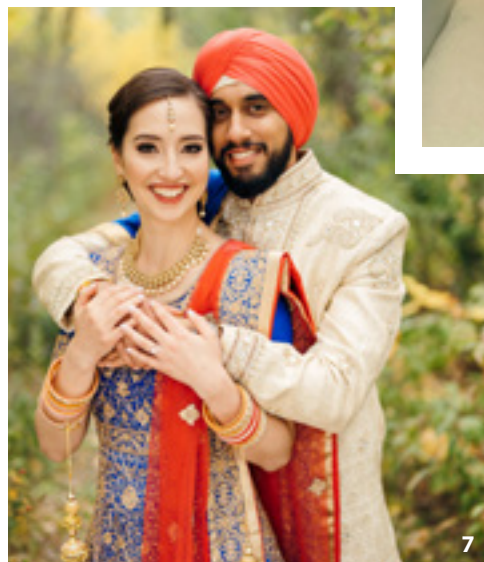
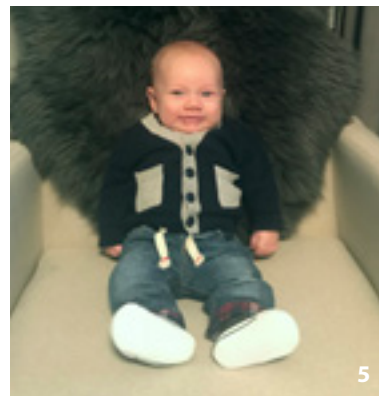
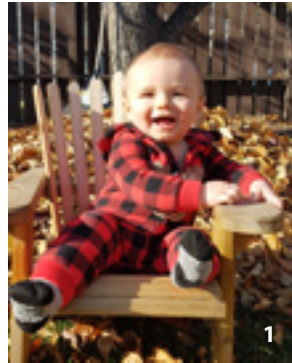


Year one student Ashlyn Schwab strikes a pose.



Abdulfattah Masri acknowledges the audience during his runway introduction.

CELEBRATIONS



- 1. Feb. 9, 2018**—Jessy Kirkpatrick (Class of 2019) and Dallas Kirkpatrick welcomed baby Paris Boden Kirkpatrick to their family.
- 2. June 2, 2018**—Christopher Bertsch (Class of 2019) and Jenna Foulds were engaged at 7:15 pm at Snugborough Mill Bed and Breakfast in Blockley in the Cotswolds, England.
- 3. June 2, 2018**—Kyle Diakow (Class of 2018) and Cassidy Murann were married in Saskatoon at the German Cultural Centre.

- 4. July 18, 2018**—Desiree Lieffers (Class of 2018) and Michael Lieffers welcomed their baby girl, Emmerich Frankie Lieffers, to the world.
- 5. Aug. 17, 2018**—Beckham Kirkpatrick was born to parents Sam and Josh Kirkpatrick, both from the Class of 2016.
- 6. Aug. 25, 2018**—Brendon Gryba (Class of 2015) and Kristen Major were married in Saskatoon.

- 7. Sept. 1 & September 2, 2018**—Arjunn Sachdev (Class of 2013) and Stacey Lok had a two-day wedding in Saskatoon at TCU Place and the Remail Modern.
- 8. Sept. 28, 2018**—Andrew Doig (Class of 2017) and Miranda Robb were engaged. The couple plans to marry in June 2020.
- 9. Oct. 13, 2018**—Amanda Schurman (Class of 2019) married Nicholas Franks at Louis' Loft on the USask campus.

CONGRATULATIONS

RECOGNIZING OUR ALUMNI

Congratulations to the following College of Dentistry alumni who were celebrated for outstanding achievements since the last issue of *Recall* was published.

Dr. Rosamund Harrison (Class of 1974)
Dr. Harrison was appointed to the Order of British Columbia, the province's highest form of recognition, in December 2017 for her work in pediatric dentistry education and for advocating changes to policies affecting the oral health of vulnerable populations.

Dr. Heather Conrad (Class of 1997)
Dr. Conrad was elected as the new examiner (director) elect of the American Board of Prosthodontics. The announcement was made in February 2018 by Members of the Council for the American Board of Prosthodontics.

Dr. Mitch Taillon (Class of 1984)
Dr. Taillon was named president of the Canadian Dental Association in April 2018. Dr. Taillon's recent work has involved leading the Access to Care Working Group, which focuses on issues surrounding dental care for very young children and standards of oral care for residents of long-term care facilities.

Dr. Doug Brothwell (Class of 1984)
Dr. Brothwell was presented the Canadian Dental Association Award of Merit for 2018. The award is given in recognition of outstanding service with the CDA or "outstanding contributions to the dental profession, the dental community or the oral health of Canadians and/or society at large." Dr. Brothwell received the award in Ottawa in April.

Dr. Nekky Jamal (Class of 2009)
Dr. Jamal was presented the 2018 Lloydminster Citizen of the Year Award for his charitable work serving children and adults in both Guatemala and Nicaragua. Dr. Jamal participated in his 12th dental brigade mission with a team of volunteers and provided free dental care to 715 patients in five clinic days. He has also helped raise over \$140,000 for the drilling of 11 water wells to provide clean water to areas in Northwestern Nicaragua.



Dr. Packota delivers the keynote address at the 2018 White Coat Ceremony.

HAPPY RETIREMENT AND CONGRATULATIONS TO DR. PACKOTA

Long-term faculty member Dr. Garnet Packota (Class of 1978) officially retired from the college on June 14, 2018. Packota was born in Prince Albert and has been a faculty member at the College of Dentistry since 1985. He served as head of the previous Department of Diagnostic and Surgical Sciences and was acting associate dean for one year. Packota is a former president of the Royal College of Dentists of Canada (RCDC) and the Canadian Academy of Oral and Maxillofacial Radiology, and has served as an examiner for his specialty with the RCDC for many years.

Following a submission from the college and approval from the university, Packota was also granted professor emeritus status—a five-year honour bestowed by the president upon retiring colleagues and given in recognition of scholarly service to the University of Saskatchewan.

Congratulations Dr. Packota and thank you for your service to the college, its students, faculty, staff, and our extended dental community!

LONG SERVICE AWARDS



At a banquet held on May 29, 2018 at Marquis Hall, Dr. Francisco Otero-Cagide and Maintenance Service Unit Manager Kevin Banman each received a Long Service Award from the University of Saskatchewan. The awards recognized their 25 years of excellence in service to the university. Congratulations!



Top: Kevin Banman and USask President, Dr. Peter Stoicheff
Bottom: Dr. Francisco Otero-Cagide at the University of Saskatchewan Long Service Award celebrations.

DON'T BE SHY!

If you or a fellow alumni member have an important milestone to celebrate and would like to include it in *Recall*, please email dentistry.comms@usask.ca

IN MEMORIAM

DR. R.E. MCDERMOTT, 1930-2018

Dr. R.E. McDermott passed away peacefully on March 1, 2018, in Victoria, BC.

Ray joined the dental faculty in Saskatoon in 1975 after completing his DDS in 1961 and Specialty Certification in Dental Public Health in 1973, both from the University of Toronto. He served as the head of four departments over the years before becoming the fifth dean of dentistry in 1992, then dean emeritus in 1998.

McDermott earned his professorship through effective teaching, substantial research and publication, and dedicated service to his patients, his community and his profession. He was chair, Health Sciences Council of Deans in 1995-96 and one of the first deans to advocate for inter-professional education in the health sciences. Ray was also the first College of Dentistry dean to appoint USask dental graduates to senior administrative positions within the college. He is also remembered for steadfastly and successfully advocating on behalf of the college during two comprehensive campus-wide review processes in the 1990s.

These milestones briefly describe a career, but not the man. According to Dr. Sutherland, "Ray was a caring, supportive and inclusive human being—quiet, unassuming and respectful."

Ethics, intelligence and a keen sense of humour were McDermott's trademark. Widely respected in the national dental education community, he was equally well-respected by faculty, staff and students, all of whom benefitted from his wisdom and understanding.

While he was adapting to the challenges of his day, McDermott kept his eyes on the future, often considering solutions long before others realized there were problems.

Characteristically astute financial management allowed him to set aside resources over time to fund the Dr. R.E. McDermott Clinical Simulation Facility, an essential resource for training future dentists that officially opened on April 29, 1998. Twenty years later, the clinic remains as relevant as ever.

Thank you, Ray, from us all.



Dr. R.E. McDermott, the College of Dentistry's fifth dean and a dean emeritus (photo by University Archives and Special Collections, A-11502).

DR. BRENT MOULDING, 1955-2018

A beloved and longtime member of the dental college community passed away on May 7, 2018, at the age of 62. Dr. Michael "Brent" Moulding was a generous, big-hearted man who was born and raised in Moose Jaw, Saskatchewan.

It was dental school at the College of Dentistry that brought Brent to Saskatoon and the University of Saskatchewan, where he met and married Deb Reisner. Following his graduation in 1982, Moulding and Reisner spent two years in North Carolina for Brent's specialty in prosthodontics. The precision of prosthodontics suited his meticulous nature.

In 1985, the two moved back to Saskatoon where he began private practice and teaching dentistry at USask. They welcomed daughters Erin and Lisa in 1989 and 1991, and raised their family in Saskatoon and at Buffalo Pound Lake in the summers.

Moulding enjoyed playing—and winning—bridge, and any other card games requiring skill rather than chance. He enjoyed spending time with extended family at the lake and having regular Tuesday pizza nights at the house. After Moulding left the college, he began spending yet more time at the Bridge Club and taught himself how to cook—

much to his wife's enjoyment. They continued regular February trips to Maui with family and close friends.

Moulding was instrumental in starting the implant program—the first in Canada—at the College of Dentistry. He spent considerable time streamlining and organizing the screening program in order to better suit patients and student educational needs. According to his wife Deb, Moulding was also very pleased to be the youngest member of the dental faculty to achieve full professor status in the mid-1990s.

Aside from being a gifted clinician and instructor, he was very well known for his easygoing attitude, great sense of humour and love of practical jokes. Moulding would write his own birthday in the appointment book at the college (one year, he received five cakes!) and he would never miss an opportunity to squirt people with the air/water syringe.

From his calm demeanor and caring smile, to the can of Coke that never seemed far out of reach, Moulding left a lasting impression on the many people fortunate enough to have worked or socialized with him.

He will be truly missed.



College of Dentistry professor, alumnus and friend—Dr. Brent Moulding, Class of 1982.

2019 COACHELLA MUSIC FESTIVAL & CE!
If you are into music and would like to get in some Continuing Professional Dental Education (CPDE) credits—then this is the program for you! *We will be hosting a CPDE seminar that coincides with the first weekend of Coachella, April 10-15!*

HOST HOTEL FOR ACCOMMODATIONS & SEMINAR
ACE HOTEL & SWIM CLUB, PALM SPRINGS, CA
APRIL 10-15, 2019 • www.acehotel.com/palmsprings

WE HAVE 2 GREAT SPONSORS - KAVO KERR AND DENTALCORP!

KAVO KERR is our speaker sponsor and Dr. Scott Coleman will be providing a seminar on: *Everyday Esthetics with Direct & Indirect Approaches - Hands-On Workshop*. The seminar will be April 11 from 8AM to 4PM and April 12 from 8-11AM. There will be 10 CE credits awarded. There will be a maximum of 15 spaces for this seminar. April 12, 13 & 14 will be yours to enjoy the festival!

DENTALCORP will sponsor various activities including a 5-course dinner at Workshop Kitchen & Bar in Palm Springs winner of the 2015 James Beard Award on the evening of April 11. Workshop features a market-driven menu comprised of seasonal food harvested from local farms and offers a bar program unlike any other desert establishment. Find out more at: www.workshoppalmsprings.com.

PACKAGES We have created 2 packages with a Standard King Room and a Standard Double Room starting at \$4,965.06. Packages include: accommodations at the ACE Hotel & Swim Club, airfare, 3 Day Coachella VIP ticket, 3 Day Coachella Transit Pass and seminar.

ACCOMODATIONS The host hotel for this program which includes accommodations and lecture space is the Ace Hotel and Swim Club in Palm Springs, California. To check out this fun, hip, 4-star property, please go to www.acehotel.com/palmsprings.

FOR FULL DETAILS VISIT www.saskdentists.com/continuing-education?cid=41

OR CONTACT
JASON KORTE
Director of Events and Marketing Communications
College of Dental Surgeons of Saskatchewan
Email: jason@saskdentists.com
Mobile: 306-222-3738

BROUGHT TO YOU BY:

KAVO Kerr

dentalcorp

The College of Dental Surgeons of Saskatchewan



UNIVERSITY OF SASKATCHEWAN
College of Dentistry
DENTISTRY.USASK.CA

For more information about the 50th anniversary of the DMD program at the University of Saskatchewan College of Dentistry, please visit dentistry.usask.ca/50