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ALUMNI MAGAZINE

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ON THE COVER

During 28 years on the Supreme Court of Canada, 17 of them as chief justice, Beverley McLachlin helped shape the fundamental laws of our country. She writes a mean crime novel, too. Page 18
Photo by John Ulan

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What's next for former Supreme Court chief justice Beverley McLachlin?

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Beverley McLachlin remains actively involved in law. Here she prepares to deliver a lecture at an event hosted by the Law Society of British Columbia in Vancouver in June. Page 18.
Photo by John Ulan

A Mighty Force

GROWING UP, were you expected to go to university? Was getting your degree the presumed next step after high school?

When I was principal at Norwood School in north Edmonton, I met many students who never thought about post-secondary. They didn't grow up in a home with family who had gone to university; many of their parents hadn't finished high school. If they did set foot on campus, it felt like another planet. They didn't see themselves there and, because of that, they believed a university degree was something other people got.

A degree from the U of A is a life-changing opportunity, but not everyone has the chance to get a degree. Sometimes providing that opportunity means helping socially vulnerable kids recognize that there really is a place for them at university. That's why I volunteer with U School. The program, run by the University of Alberta Senate, connects the university with students between grades 4 and 9 who are from vulnerable, Indigenous or rural communities. For a week, those kids get to visit campus with their classmates for an immersive experience led by U School teachers and supported by volunteers. They take classes with professors and ask questions, learn about photography and

take pictures around the U of A, and they make connections on campus. It's an empowering and transformative experience. I see them go from scared on Monday to feeling as if they own the place by Friday. They discover a community for them at the U of A.

Right now there are 40 students attending the U of A who are graduates of U School. I think about those students—and the fact that the program just wrapped up its 10th year—and consider how many lives have changed trajectory as a result of U School. I'm proud to be part of that.

Sometimes when we stare inequality in the face, we feel inadequate. We wonder what difference one person can possibly make. But as alumni, we are not one person. We're a mighty group—290,000-people strong and growing—and our small actions add up fast. Volunteering with U School is my small way of helping my community. What's yours?

Did you know you can volunteer through the Alumni Association? Check out uabgrad.ca/volunteer for upcoming opportunities.

HRay

Heather Raymond, '82 BEd, '86 Dip(Ed), '95 MEd, '02 PhD
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@tweetsin30s:
Interesting read @UAlbertaAlumni. It's hopeful to see that so many great minds are working towards the future, when policy can seem stagnant and/or regressive. #ClimateCrisis Powered up | New Trail

Lindsay Hill,
 11 BEd, Grande Prairie, Alta.



We would like to hear your comments about the magazine. Send us your letters by post or email to the addresses on page 4. Letters may be edited for length or clarity.

A Tight-Knit Alumni Community

Congrats to the new alumni president, Heather Raymond, who knit and wore her super cool one-of-a-kind green-and-gold sweater in the spring *New Trail* magazine. Please include the pattern, yarn and colour in the next alumni magazine. I will be retiring this summer and need a winter project.

—Karen LaValley (Boulton), '78 BScN, Calgary

Congratulations to you on your upcoming retirement. In my retirement, knitting—a hobby that I love—is a creative outlet that is mentally stimulating, relaxing and productive, hence the creation of my green-and-gold sweater! The sweater pattern is “Trolley Dodger,” downloaded from *knitpicks.com*. Yarn is Estelle Worsted colour ways 1217 Golden Rod and 1222 Forest Green. Happy knitting to a fellow alumna!

—Heather Raymond, '82 BEd, '86 Dip(Ed), '95 MEd, '02 PhD, Alumni Association president

Nuclear Omission

After coming back from Australia and reading the energy section of *New Trail* [Spring 2019], I noticed a glaring omission. The only place that nuclear energy is mentioned is in the Energy Milestones chart [page 24]. Why is the option of nuclear energy, or perhaps even individual fusion in each residence, not mentioned?

—Joe Prins, '74 BCom, St. Albert, Alta.

Wanted: Arts Perspectives

I write to congratulate you on the Spring 2019 issue. It is vibrant, indicating top-flight areas of research activities at my alma mater. But therein lies the rub: there are too few items that deal with the arts, and that, as you may expect, should not be a complaint from a scientist. While your writers are upbeat and catch the attention (e.g., “... undergrads created a buzz in Alberta’s honeybee industry ...” on page 5) and selected scientists hit the mark with comments on our dilemma with energy (see Mavis Ure on page 37), there could be, in my opinion, a fairer coverage of subjects from departments of art, history and languages, to name a few. With best wishes in continuing to strive for excellence in journalism.

—Victor Snieckus, '59 BSc(Hons), Kingston, Ont.

Grammar Gaffe

Geoffrey H. Sperber, professor emeritus, wrote in to point out a grammatical error in our Spring 2019 issue—in a headline, no less! The headline on page 27 should have read “These Bacteria Eat Gas for Breakfast.” We take subject-verb agreement very seriously around here and always appreciate our readers’ high standards.

MORE ONLINE

Find these stories and more at ualberta.ca/newtrail.



Making Room for All Kids to Thrive
 Strategies to foster inclusion and help you broaden your community



Are You a Sucker for Pseudoscience?
 Timothy Caulfield, '87 BSc(Spec), '90 LLB, helps you sort the New Age nonsense from the real goods with our handy quiz

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notes

WHAT'S NEW AND NOTEWORTHY



Land Based

For the Inuit of Nunavut, being on the land is important to health and well-being

SUPPORTING HUNTING AND ON-THE-LAND PRACTICES in the Arctic would be an effective and inexpensive way to enhance Inuit health, a new study recommends. Working with the people of Gjoa Haven, Nunavut, researchers learned about Inuit relations to the land, especially through the concept of “therapeutic landscape,” the idea that healing and well-being can occur in specific sites. After taking part in land camps rooted in Inuit knowledge, community members described the experience with words like “lightness” and “happiness.” Sean Robertson, associate professor in the Faculty of Native Studies, says being on the land is not simply a retreat from the stresses of settled life for the Inuit; it creates feelings of interconnection, unity and collective autonomy. —**JORDAN MAE COOK**, '07 BA

UNDER THE SURFACE

The Making of a Mountain Range

It was more like a massive rear-ender than a gradual buildup, new research suggests

FOR A LONG TIME, scientists have thought the Canadian Rocky Mountains grew slowly, building up over millions of years with material and debris caused by shifts in the Earth and small intercontinental collisions.

New research suggests the formation was more like a massive rear-ender.

Based on new data, U of A researchers propose that a thin, ribbon-shaped continent existed about 100 million years ago, separated from North America by a small ocean on the west coast. As the ocean bottom between the two continents became denser than the earth

beneath it and started to sink, the two continents smashed together and created the beginnings of the Canadian Rockies, says Jeffrey Gu, physics professor and study co-author.

The study analyzed high-resolution seismic data at the Alberta-British Columbia border to track the speeds of seismic waves from earthquakes as they travelled through the Earth. Researchers found a sharp boundary in the mantle, with waves travelling at different speeds on either side.

For more on these and other great U of A research stories, visit folio.ca.

If the mountains had been created through a gradual buildup—known as accretion—that very sharp mantle boundary wouldn't exist, Gu says.

The collision was the first step toward forming the

majestic Rockies, adds study contributor

Stephen Johnston,

'85 MSc, '93 PhD, chair of the Department of Earth and Atmospheric Sciences. The two

continents would have ground against each other for another 50 million years or so, carving the landscape to create what we see today.

It's unclear whether the collision theory applies equally to the United States portion of the Rockies, but the researchers believe it's possible.

"The study highlights how deep-Earth images from geophysical methods can help us understand the evolution of mountains," says **Yunfeng Chen**, '14 MSc, '18 PhD, who conducted the research during his PhD studies at the U of A.

—KATIE WILLIS, '13 BA, '18 MA

NUMBERS

11

Number of episodes in the kid-focused podcast *Surgery ABCs*, created by the Department of Surgery to answer questions like *Why am I ticklish?* or *Why does my tummy rumble?*

HEALTH

NEW RESOURCE HELPS ASSESS MENTAL CAPACITY

A new tool kit for assessing seniors' decision-making abilities promises to dramatically reduce unnecessary testing and create less disruption in seniors' lives.

The model—developed by a U of A-led research team in collaboration with community partners—led to a 60 per cent drop in referrals to geriatricians and an 80 per cent drop in interviews to test capacity when it was first piloted.

"We recognized that we actually lacked a clinical process," says Jasneet Parmar, associate professor of family medicine. "We had legislative acts and policies, but there was no clarity on how to uncover the evidence to declare whether someone is capable or not."

Parmar launched the project in 2005 when she realized medical professionals were given little guidance on assessing a person's capacity, a determination that can have life-changing consequences.

"We developed an actual pathway to follow," says Lesley Charles, associate professor and director of the Care of the Elderly program. "We wanted to cut down on wasted time and testing for both the patient and the health-care professionals."

The Decision-Making Capacity Assessment Model Toolkit went online earlier this year. It has been adopted in hospitals, medical clinics, home care, supportive living and nursing homes in Edmonton, Calgary and other Alberta communities.

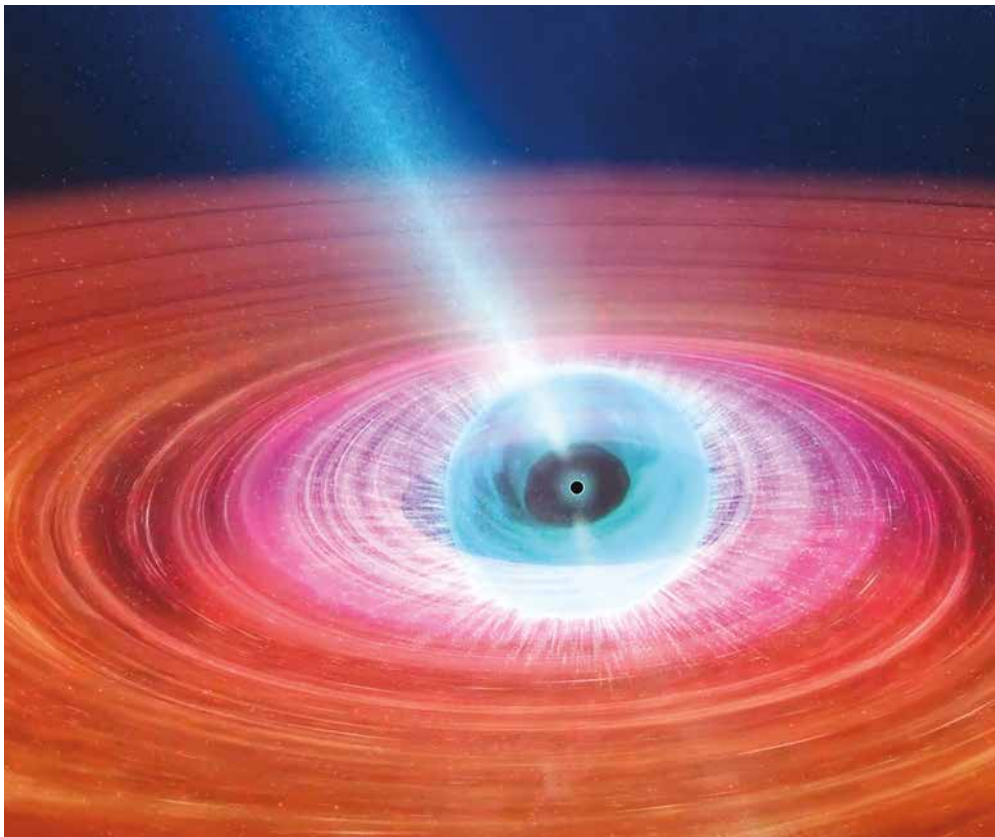
—GILLIAN RUTHERFORD

PEAK PARTNERSHIP

The Canadian Mountain Network, hosted by the U of A, will receive \$18.3 million over five years from the federal Networks of Centres of Excellence. The network is an alliance of universities, governments, Indigenous and non-Indigenous communities, not-for-profits and businesses dedicated to the sustainability of mountain environments and communities across the country and around the world.



LUCKY PHOTOGRAPHER / ISTOCK / GETTY IMAGES



RAPID-FIRE DISCOVERY An international team of astronomers, including U of A researchers, discovered rapidly changing emissions from a black hole 7,800 light-years from Earth that could offer a clue to how galaxies are formed. Scientists were observing the black hole V404 Cygni “feeding” on a nearby star when their instruments recorded jet streams firing rapidly from the hole in different directions, unlike anything ever seen. One explanation, U of A astrophysicist Gregory Sivakoff told CBC, is that space and time were bending around the jet, dragging the fabric of the universe along with it. “We were gobsmacked by what we saw,” says Sivakoff. “It tells us a little more about that big question, ‘How did we get here?’” —**ANDREW LYLE**, '11 BSC(ELECENG)

EXPERT ADVICE

GRASS ROOTS VICTORIES

The turf wars are real and they’re happening in your yard, with grass plants and weeds battling for territory. “You want to balance the war so the weeds lose,” says Ken Willis, head of horticulture at the U of A Botanic Garden. Strategic mowing—choosing different lawn heights based on the season—is key. And don’t cut it too short, he says. “People think they need to make their lawns look like a golf course, but that’s a different type of turf.” Here are Willis’s tips to help you be outstanding in your field. —**BEV BETKOWSKI**

ICE IS NOT NICE

Poor spring drainage leaves grass-killing icy patches. Corrective landscaping like raised gardens can solve trouble spots. Or you can dig out the dead patches, regrade the low spots and replant the turf.

HEAVY-FOOT BLUES

If turf isn’t thoroughly dry, efforts to tidy winter debris will compact the ground and make it difficult for grass to establish roots, Willis says. As well, vigorous raking will spread any remaining snow mould.

SHORT AND LONG OF IT

In spring, set your mower to seven centimetres. Increase the height in stages to 10 centimetres in the heat of summer. In late August, slowly reduce to seven centimetres by freeze-up.

GRASS ROOTS

Reseed dead patches after spring green-up, and aerate at least every three years to let air and water into the roots. In fall, boost nutrients with a light spread of compost, topsoil or slow-release fertilizer.

Footnotes

A brief look at what’s new at the U

\$1M Gift Boosts Mentorship

BioWare co-founder **Ray Muzyka**, '90 BMedSc, '92 MD, and his wife, **Leona De Boer**, '91 BSc, have donated \$1 million to the university to support mentorship and training. That includes expanding an alumni program, whose advisory board Muzyka chairs, that connects entrepreneur ventures with mentors. The program’s new name is ThresholdImpact University of Alberta Venture Mentoring Service, uabgrad.ca/vms, to reflect the name of a company the couple founded.

Science Names First Female Dean

Matina Kalcounis-Rueppell is the new dean of the Faculty of Science as of July 1, the first woman to hold the post. She most recently served as head of biology at the University of North Carolina at Greensboro. The faculty has the most undergrads at the U of A.

Faculty Club Adopts New/Old Name

The Faculty Club is changing its name to the University Club. The new name better reflects the club’s membership, including alumni, and its connections to the wider community, says past-president Bruce Sutherland. The club’s original name was University Club when it was founded in 1911.

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IN MEMORIAM

SHE OPENED DOORS TO WOMEN

From the chemistry of baking to the puffs of smoke conjured for school presentations, **Margaret-Ann Armour**, '70 PhD, '13 DSc (Honorary), believed science was a fun part of everyday life. During her trailblazing 40-year career, Armour taught others to believe it, too.

The beloved professor who tirelessly advocated for women in science careers died in May at age 79.

Armour grew up in Scotland and attended the University of Edinburgh before coming to Edmonton to earn her doctorate in organic chemistry. In 1979, she became one of the science faculty's few female instructors. In the early '80s, she was asked to lead a committee to explore how to increase the number of women in science. This led her to co-found Women in Scholarship, Engineering, Science and Technology (WISEST), which continues to encourage young women and other underrepresented groups to pursue these fields. She was also the university's first associate dean (diversity), in the Faculty of Science.

One of Armour's greatest joys was to mentor WISEST participants in initiatives like the summer research program, which



puts high school students to work in university labs. With her soft Scottish burr and nurturing ways, she endeared herself to hundreds of students.

"She often encouraged us to dream big and to 'do science as if people mattered,'" recalls WISEST team lead **Fervone Goings**, '00 MSc. "Her legacy will continue to have an impact for years to come."

Armour received numerous honours: an Edmonton school is named for her, she was a member of the Order of Canada and she received a number of honorary doctorates. The final one, from Concordia University of Edmonton, was bestowed in her hospital room hours before she died. The speech she'd prepared was read at the graduation ceremony the next day.—BEV BETKOWSKI AND **JENNIFER-ANNE PASCOE**, '02 BA(HONS), '18 MA

GLOBAL IMPACT

Research Boosts Battle Against Deadly Ebola

U OF A RESEARCH is playing a role in combating the current Ebola outbreak, the second-worst since the virus was discovered in 1976.

Virologist Matthias Götte made an important breakthrough in 2018 when his lab in the Li Ka Shing Institute isolated the enzyme responsible for copying the genome that spreads Ebola. The discovery allows researchers to safely study new medications without handling the highly contagious virus.

Götte then went on

to document how an experimental treatment called remdesivir works: it inhibits the enzyme the Ebola virus needs for replication.

"It's reassuring if you have an inhibitor and you know how it works," says Götte. The team's research corroborated data on animals and cell culture.

Remdesivir is now one of four treatments used in clinical trials in the Democratic Republic of Congo, which is suffering an outbreak of Ebola. It's also among three drugs approved for use in

Uganda after cases began appearing there in June.

The highly contagious disease is spread through contact with body fluids.

Götte's team is also focusing attention on the World Health Organization's "Blueprint list of priority diseases," a roster of pathogens with high epidemic potential and few known treatments.

The Ebola outbreak demonstrates the need for governments, non-profits and academics to step up basic research to fight these diseases, says Götte, chair of the Department of Medical Microbiology and Immunology.

—BRENT WITTMER

PARENTING

Screen Test

WHEN IT COMES TO SCREEN TIME for young children, how much is too much? A new study suggests it's a lot less than you might think.

A study of more than 2,400 Canadian families compared the behaviour of three- and five-year-old children based on how much time they spent with screens such as TV, DVDs, computers, game consoles, smartphones and tablets.

It found that children who spent two-plus hours a day with screens showed more behavioural problems than those who spent less than 30 minutes daily. The link between screen time and behavioural problems exceeded any other risk factor, including sleep, parenting stress and socio-economic influences.

Canadian guidelines suggest a maximum of two hours of screen use a day for five-year-olds and less than an hour a day for three-year-olds, says researcher Pius Mandhane, an associate professor of pediatrics in the Faculty of Medicine & Dentistry. "But our research suggests that less screen time is even better."

Study results showed the children who spent more than two hours a day on screens were five

times more likely to be inattentive, hyperactive or defiant or to act out than those who spent less than 30 minutes a day. The two-hours-plus kids were seven times more likely to report symptoms similar to attention deficit hyperactivity disorder.

"Prior to this, there weren't a lot of data that asked the questions, 'How much is too much? Are the guidelines appropriate?'" says lead author **Sukhpreet Tamana**, '16 PhD, a post-doctoral fellow in the pediatrics department. "This study gives parents some of those answers."

The research identified factors that protect children from the negative effects of screen time. Organized sport had a highly significant protective effect, due not only to physical activity but to the organized aspect of it. —ROSS

NEITZ, WITH FILES FROM KIM WRIGHT



QUOTED

"I'm not drafting a kid with a crazy parent. ... If there's a parent up in the stands [who is] just going crazy, he's negatively affecting his kid's brand."

One of 16 hockey scouts in a study by **Ryan Guenter**, '18 MA, that looked at the criteria scouts use to evaluate draft-eligible players for the Western Hockey League

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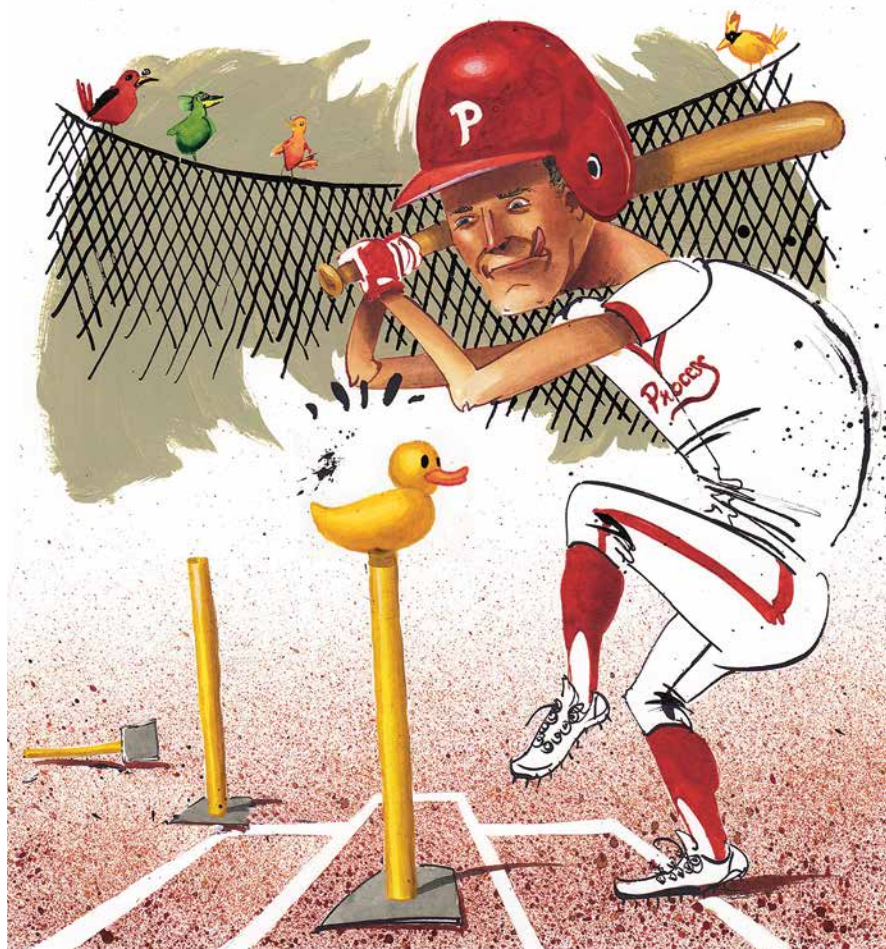


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Learning doesn't end when you accept your degree. We are all lifelong learners, whether we pursue lessons in a class or a lecture hall—or these lessons pursue us. Curtis Gillespie, '85 BA(Spec), reflects on the continuing opportunities for education that life throws our way, sometimes when we least expect them.



by Curtis Gillespie



Making Solid Contact

IN LIFE, AS IN BASEBALL, WE OFTEN DREAM OF A HOME RUN RATHER THAN KEEPING OUR EYE ON THE BALL EVERY TIME AT BAT

You'll find plenty of life philosophy out there that recommends focusing on process versus outcome, but this was a foreign concept to me as I entered adulthood—unless avoidance followed by panic followed by all-nighters counts as a process. Submitting essays in university became a test in its own right to see how close to the deadline I could get before handing something in. And I don't mean the posted deadline, I mean the *deadline* deadline, the date on which professors had to hand in their marks. I was a rank amateur, though. A friend of mine once handed in an essay six months late, having convinced the prof that he'd be good for it.

The irony is not lost on me that I ended up in a career as a freelance writer—a field in which deadlines have been known to matter. My career might be why I have become increasingly fascinated with the relationship between process and outcome. So much so that I think I'm increasingly starting to view the process as the outcome. Which is probably not what my editors want to hear, given that their process involves

an outcome called a deadline. [Editor's note: he's right.]

I remember reading a book about writing by the American novelist Anne Lamott entitled *Bird by Bird*. In the book, she explained how she came up with the title. Her younger brother had ignored a school essay about bird life in their area, and then, on the day before it was due, he panicked and frantically began asking his family how he was going to get the essay done and what method would work. There's only one way to do it, his father told him. Bird by bird.

I've recently had the good fortune to work on a project that has further reinforced the value of prizing process over outcome. It's not often you get to peek inside the way something successful was made, but that has been my experience lately helping write a history of the Edmonton Community Foundation (ECF).

But first let's talk about baseball. It applies, trust me. Baseball is a lot like life. Sometimes it moves quickly and sometimes it takes forever. There's plenty of sunshine and a few rainy days. It involves a lot of sitting around. And you do a ridiculous amount of running in circles for no apparent reason. Some of my favourite sayings have to do with baseball lingo. A classic you'll run into frequently these days is, "He was born on third base and thinks he hit a triple." Meaning that a person was essentially gifted his wealth but thinks he earned it through his own hard work and talent.

One of the rarest feats in baseball is when a batter "hits for the cycle," meaning that in one game a hitter has a single, a double, a triple and a home run. It's so rare that it has happened only 327 times since professional baseball began late in the 19th century. And it has happened only once since they started a formal post-season in Major League Baseball in 1903. Once in 116 years.

Hitting for the cycle is that rare, and yet, even though baseball is a lot like life, I wonder if too many of us spend our lives in these self-actualized times stepping up to bat thinking we have to hit for the cycle, rather than just focusing on making solid contact. Our life plans so often are

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about hitting extra base hits that get us somewhere in a hurry, whereas focusing on making quality swings every time is more likely to get us where we want to go. Process, in other words, not outcome.

Making solid contact is something I've been thinking about a lot these days in the midst of writing the ECF history. The foundation gathers and manages endowment funds to create capital returns to distribute to charitable organizations in the Edmonton area. It was created three decades ago by some of Edmonton's leading philanthropic families. **Bob Stollery**, '49 BSc(CivEng), '85 LLD (Honorary), who had just retired as president of PCL Construction, was the foundation's first president and also its first financial adviser. And he was a genius. Not just a good human being and a successful executive but a genius, because he understood what an organization and a city might need two,

three, five decades hence. He saw from Day 1 that none of that would be possible without the integrity of a strong daily process. His investing principle was simple, sound and unsexy. He invested like a great hitter goes to the plate: he focused on waiting for the right pitch, not swinging at balls off the plate, and when he did swing, making solid contact.

The result? ECF's endowment is nearing \$600 million and, having granted about \$180 million in three decades, ECF is integral to the function of the city's charitable and cultural organizations.

In some ways, the notion of process over outcome is about what we do and do not control. If a nice outcome arises from the process — you sell your novel, your business makes a ton of money, you run a personal best marathon — then that's almost a bonus. There are simply too many things we can't control, things usually tied to the outcome rather than

the process, which is largely something we do control.

The obvious metaphor for all this is that you'll never have a chance to hit for the cycle if you don't focus on the mechanics. And for me, it's becoming ever more evident that the grind, the mechanics, the daily focus is reward enough. Many people go to the plate trying to hit a home run, and some of them occasionally knock one out of the park. But for the most part, the process is the prize. Revel in it. Dig in. Enjoy every aspect of the process. That can be tough to remember in the heat of play or the everyday. But as baseball legend Yogi Berra once said: "Baseball is 90 per cent mental. The other half is physical." ■

Curtis Gillespie has written five books and earned seven National Magazine Awards. His New Trail article "A Hard Walk" won gold for best article of 2018 from CASE, an international post-secondary association.



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Fair Play

There's no way to level the playing field but we can aim to do better by each other more often

WHEN SOME PEOPLE ASK FOR FAIR PLAY, they want the same set of rules to apply to everyone. To gain admittance to university, to get a job, to play a game: they want a set of parameters that allows for the blossoming of some combination of talent, intelligence and drive. In sport, fair play requires athletes to follow the same rules and use roughly the same type of equipment: ditto and ditto. But should that even be the goal? People are as different in makeup as they are in opportunities.

Sports fans lauded Michael Phelps for his swimmer's physique—all torso and wingspan—but never called his edge unfair. On the other hand, the governing body of track and field told Caster Semenya to take medication to lower her natural testosterone to bring it in line with that of her competitors. What assumptions inform that conversation?

"The level playing field is a myth," says **Danielle Peers**, '01 BA, '09 MA, '15 PhD, assistant professor in the Faculty of Kinesiology, Sport, and Recreation.

"The unequal distribution in coaching, training and equipment means there's an unequal distribution of opportunities." Parents with kids in sport know the challenges of trying to pay the fees, buy the equipment and get the kid to the game on time. Now imagine the child is new to Canada or has a single parent or has no access to transportation.

"Equitable access to sport starts with the assumption that sport should be safe, accessible and affirming," says Peers. As a wheelchair athlete, Peers understands this better than most.

"My colleague Dales Laing said, 'our goal should be to enable more people to bring more of themselves, more of the time,'" Peers says. It invites participation and allows us to celebrate the Phelps and Semenyas of the world. What can we achieve when we expand this goal to the rest of our undertakings: family, work, community?

Liz Herbert, '97 BPE, '02 MBA, is the program manager of Free Footie, an Edmonton-based soccer league that provides vulnerable kids in

grades 3 to 6 the opportunity to participate in sports. Herbert, a Pandas soccer alumna who also played on Canada's national team, has shifted her career to focus on more accessible community sport. The league has removed the barriers of cost, transportation and organization and allowed kids the chance to strive together on their own terms, inviting their differences in. "Opening doors to people is what interests me," she says. "We're a sport organization on the outside but a human services organization on the inside."

Even the word competition hints at co-operation. From Latin, it means striving together, says Billy Strean, a professor in KSR. "If there's an 'I/thou' relationship in a race, for example, competitors may seek to bring out each other's best." If simply winning is your goal, that relationship may change to "I/it" and your competitor may be reduced to an obstacle to be overcome. And you might wonder, "What can I get away with?"

Strean worries when he sees the "I/it" attitude at play in business and politics. "If we spent more time on a consideration of the purpose of the undertaking of sport, if these conversations were foundational, we could recognize the interdependence and interconnectedness of the effort."

Life has no level playing field, and we can't confuse sameness and fairness. But if we put ourselves up against our differences rather than fitting into "ditto," we start to strive together and bring out more of each other, the best in each other, more of the time. —MIFI PURVIS, '93 BA



Seen One, Seen 'em All

Schools of identical Prussian carp are here—and they're hungry



HERE'S WHAT YOU NEED TO KNOW about Prussian carp. They're an invasive species of clones. Hundreds of thousands of mostly identical Prussian carp are now aggressively populating the Red Deer, Bow and South Saskatchewan river basins.

Prussian carp first appeared in North American waterways in about 2000 in Medicine Hat, says Mark Poesch, associate professor in the Faculty of Agricultural, Life and Environmental Sciences and principal investigator in the Fisheries and Aquatic Conservation Lab. Someone may have released the carp, lurking among aquarium or farmed fish, into the wild. Now they're

here and they're making the most of it.

Each female can reproduce three times a year by hijacking other fish species' sperm, which they find floating in waterways. A protein in the sperm activates fertilization of the carp eggs but the offspring have zero genetic material from the stolen sperm. (Mysteriously, a fraction of Prussian carp turn out male.)

The fish, which can grow to three kilograms and 40-plus centimetres long, are also called Gibel carp. They can survive almost anywhere, even in a ditch. They plunder resources, out-competing local fish.

Australian researchers have shown

they can kill their invaders with a modified herpes virus, and testing is underway to ensure the virus doesn't affect native fish. So far in Canada, we have education and monitoring. First, don't throw a carp back if you catch one. Second, Poesch and students are working with the Alberta Conservation Association to document the population distribution of the clones by taking water samples, testing for the presence of Prussian carp DNA.

There are Prussian carp recipes online. Poesch jokes that if the scientist thing goes sideways, he may start an invasive-fish-taco food truck. —JENNIFER ALLFORD, '84 BA

Whole Medicines

JAMES MAKOKIS, '04 BSc(Nutr/Food) is many things: a doctor, a two-spirit man from Saddle Lake Cree Nation and an ultramarathon trail runner who married his husband partway through the Vancouver marathon. (The pair participated in *Amazing Race Canada* this summer.) Now he's helping both transgender and Indigenous people find healing and health, with practices in Edmonton and Kehewin.

► **What do we miss when we talk about Indigenous health markers?** Every report says Indigenous people want access to their own medicines, culture, songs, languages. Treaty 6 was the only one to include a commitment to provide medical care and services in our treaty territory—we didn't intend to give up our medicines. When Cree healing practices are funded alongside western medicine, we'll begin to decolonize our health and healing. We're doing this in Kehewin with assistance from a three-year federal grant. For instance, my husband is co-ordinating a birthing centre that revitalizes Cree midwifery. Children can be born with traditional ceremonies; the first welcoming songs they hear will be in our language. I began my practice in Kehewin because the elders, council and health director believe in our Cree medicines and the strength of our culture.

► **How are the barriers in health similar for transgender and Indigenous people?** These people experience the same things: marginalization, oppression, discrimination, substandard

health care and lack of access to health care, which doesn't change to address these gaps.

► **So, why aren't there more doctors who work with transgender patients?** Many family doctors don't feel confident to assess gender dysphoria and prescribe hormone transitioning. When I'm training residents or other doctors, I remind them they already do hormone therapy: contraceptives, post-menopause therapy, hormone therapy in older males.

► **How do you ease the suffering of Indigenous transgender youth?** Half of two-spirit Indigenous youth have attempted suicide. I want to change those stats, so in addition to providing medical hormone treatment to trans patients, I ask, "What else can we do?" It can mean decolonizing our traditional ceremonial spaces to include sweat lodge ceremonies and making the space inclusive to people from all genders. In our traditional rite-of-passage ceremonies, two-spirit youth should have the chance to participate in whatever gender they're transitioning to.

► **What would you love to add to your practice? Dream big!** I'd open a clinic where I can work seamlessly in both Cree and western systems. Colonization took away our systems for health and social norms. To be happy, healthy and whole, we need to rebuild these. Reconciliation means rebuilding what was taken away, meaningfully and sustainably.—CARISSA HALTON

DUPLICATE STUDIES

A registry of twins will let researchers look deeper into what factors influence our health and behaviour

YAO ZHENG LIKES IT WHEN HE SEES DOUBLE. A Faculty of Arts researcher focusing on human development, he says studying twins offers insight into everything from the development of cancer to the heritability of mental illness. "When we study humans, there's no way to control for everything," he says. "But twins offer a quasi-natural experiment and help us understand how genes and environment shape us."

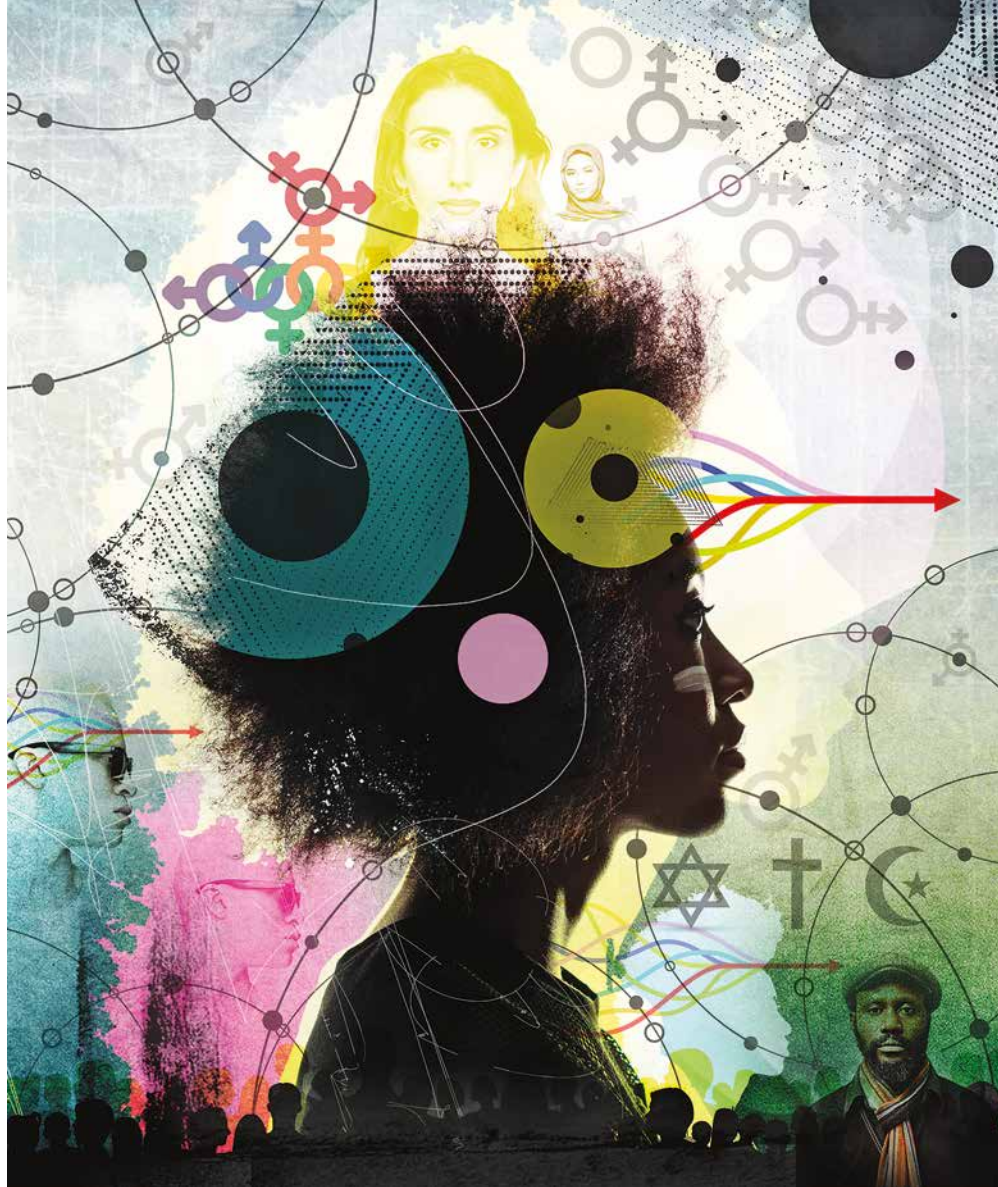
To delve deeper, Zheng is in the process of launching the Alberta Twin Registry, the opening date of which is to be determined. He hopes to convince thousands of Alberta twins to participate, which would make it one of just three twin research registries in Canada—and the largest by far. (Research from the other two is scant, he says.) It will require persuading lots of twins to participate in regular surveys, following them for years to develop broad-based, meaningful studies. Zheng himself plans a study into anti-social behaviour.

You can put almost everything that influences a person's health into three buckets, Zheng says. First is our genes—our heritage from our biological parents. Second is our shared environment—the external factors that influence a study's subjects. If you were studying, say, lumberjacks, then wearing flannel and felling trees would be part of their shared environment. The third bucket is the non-shared environment, stuff that doesn't fit in the other two. The passion fruit protein shake one lumberjack downs daily? Part of his third bucket.

Since twins share half or all their genes and much of their home environment, researchers can control for the first two buckets. They can use large-scale twin studies to arrive at the holy grail of population health research: cause-and-effect findings. The Alberta Twin Registry would be a major step toward making that happen.—LEWIS KELLY



PHOTO BY GEORGE MARKS / GETTY IMAGES



More Than the Sum of Your Parts

THE WORD “INTERSECTIONALITY” sounds like the brainchild of a traffic engineer, but it’s more about people than asphalt. Basically, it is the idea that a person can’t be reduced to a single category. Say, for example, you check the “male” box on the census. But you’re more than that. You are male *and* you’re middle class *and* you’re of Irish descent *and* you’re gay. Every part of you influences the way you interact with the world and how the world treats you.

Intersectionality is having a moment right now, popping up in news outlets, in online discourse and all stops in between. It’s a simple concept with deep roots and big implications.

The term was coined by the legal scholar Kimberlé Crenshaw in 1989. She used the term while writing about a lawsuit brought by five Black women against General Motors that alleged discrimination in promotion

practices. The suit was dismissed on the basis that GM had promoted Black people and it had promoted female employees. Therefore, the judge ruled, GM had not discriminated against its Black female employees.

“The judge couldn’t see that they were discriminated against not because they were women or because they were Black, but because they were Black women,” says Susanne Luhmann, a

professor in the Department of Women’s and Gender Studies. “This case shows race and gender interact. If you only think of one you won’t grasp the whole situation.” That call to attend to people and systems in their complexity is the heart of intersectionality. In this way, intersectionality addresses long-term societal issues.

“The idea that social justice can be addressed through a single-issue

approach is a comforting mistake we’ve been making for a while,” says Dia Da Costa, a professor of educational policy studies. “Intersectionality takes a clear look at a daunting reality. It doesn’t pretend social justice is easy.”

The concept is older than the word. “The idea of intersectionality, if not the term, goes back at least a century,” Da Costa says. “It is articulated in the writing of Black and Indigenous writers, who’ve experienced multiple forms of historical wrongdoing.”

Luhmann and Da Costa say intersectionality is gaining notice because the perils of ignorance are becoming difficult to overlook. “Technology that isn’t intersectional is often discriminatory or deadly,” says Luhmann. “For example, it’s common today to use AI to screen the CVs of job applicants.” But she says research shows that if we build our assumptions, many of them unconscious, into AI, the system can actually amplify a lack of diversity.

And add this to a list of unintended consequences of AI untrained in intersectionality: “Right now, driverless-car technology cannot recognize Black faces,” Luhmann says. “To deadly consequences if we don’t attend to these questions in research design.”

Da Costa and Luhmann are glad major institutions are paying attention to intersectionality, which was launched as a signature research area at the U of A in March. As intersectionality enters mainstream discourse, we need to understand it, Da Costa says, and use it as a tool to see what has escaped our notice. —LEWIS KELLY

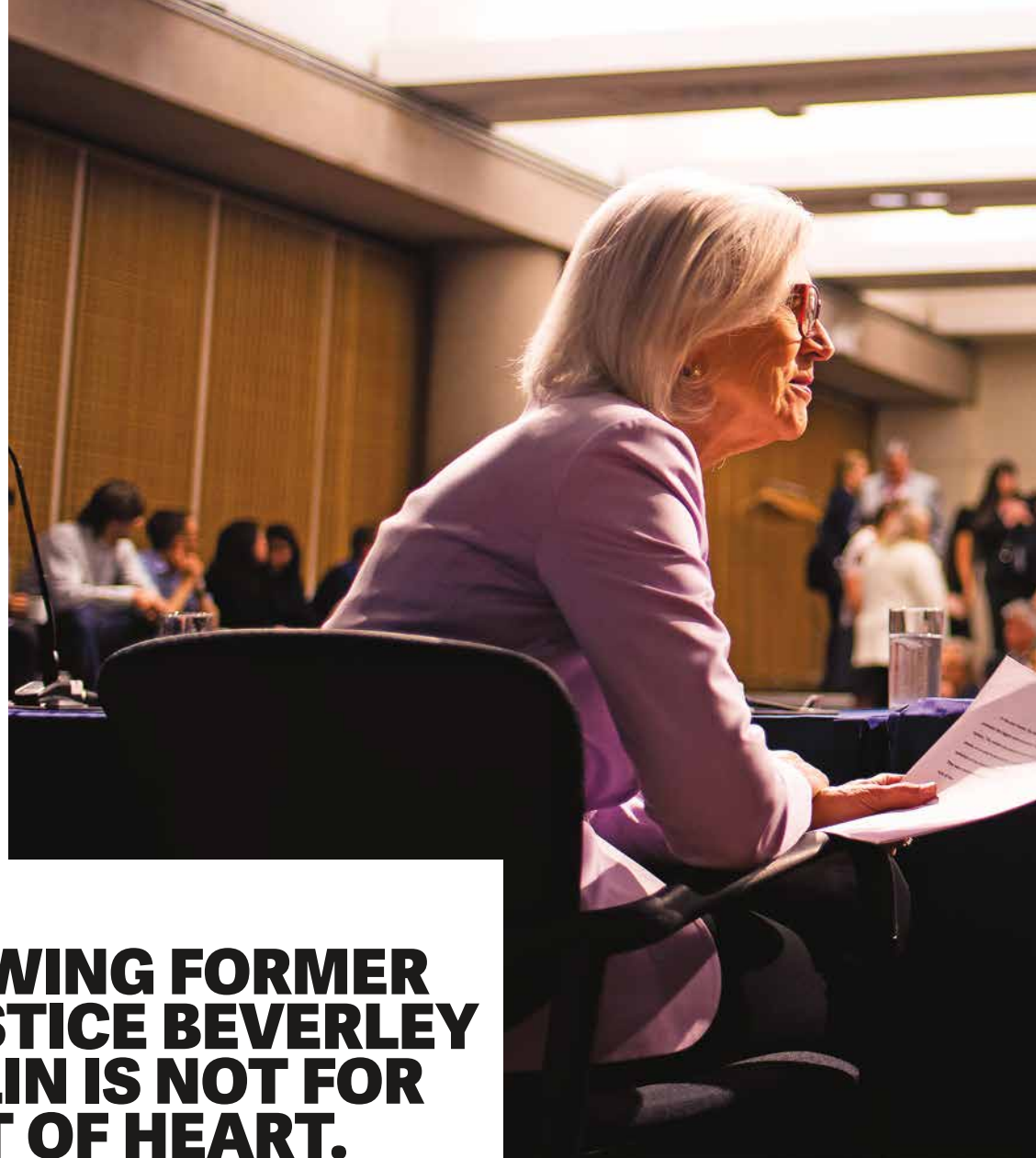
Justice is at the heart of what drives **Beverley McLachlin**, whether she's writing groundbreaking judgments at the head of Canada's highest court or a bestselling legal thriller. Expect more of the same in her next chapter

BEYOND *the* BENCH

BY CURTIS GILLESPIE, '85 BA(SPEC)
PHOTOS BY JOHN ULAN



McLachlin signs a copy of *Full Disclosure*, the legal thriller she started writing while she was still serving on the Supreme Court. The protagonist is a young female defence lawyer in Vancouver.



INTERVIEWING FORMER CHIEF JUSTICE BEVERLEY MCLACHLIN IS NOT FOR THE FAINT OF HEART.

She is widely regarded as one of the greatest legal minds ever to come out of Canada. Her tenure at the Supreme Court of Canada, particularly as its chief justice (the first woman ever to hold the post), is generally viewed not only as the high-water mark of Canadian jurisprudence but also as an example of judicial excellence much of the world seeks to emulate. Her decisions and writings on dozens upon dozens of intellectually intricate and ethically thorny issues are models of clarity and precision.

The impact on the lives of Canadians has been incalculable. Not only has **McLachlin**, '65 BA, '68 LLB, '68 MA, '91 LLD (Honorary), weighed in with fairness and precision on such issues as the right of prisoners to vote, Indigenous land claims, systemic discrimination against women, safe injection sites, assisted dying, hate speech, and free and fair electoral practices, but she has done it while fostering an open and collegial environment on the Supreme Court.

McLachlin's retirement from the bench in 2017—after 28 years on the

Supreme Court and 17 years leading it, the longest run ever for a chief justice—elicited an outpouring of praise, respect and admiration. The high regard with which she was, and still is, held has since been reinforced by her being named to the Hong Kong Court of Final Appeal and appointed to review allegations of misspending by two officials in the B.C. legislature. She had a few other surprises up the arm of her robe, too. Shortly after retiring, she produced a legal thriller, *Full Disclosure*, which immediately shot to the top of the bestseller lists and discussions are underway for a screen treatment. (More about the book later.) Her memoir, *Truth Be Told: My Journey Through Life and the Law*, is due to be released this fall.

In short, McLachlin is—and there is no fear of exaggeration—one of the most truly impressive people this country has ever produced.

When interviewing such a person, a journalist frequently looks for, or at least remains alive to,



Since her retirement from the Supreme Court in 2017, Beverley McLachlin continues to be involved in law and justice. Here, she prepares to deliver a talk in June at a Vancouver event hosted by the Law Society of British Columbia.

flaws to offset the subject's outward-facing impressiveness (if for no other reason than to hang on to a shred of one's self-worth). But there is no such recourse with McLachlin because as impressive as she is intellectually, she seems equally kind and gentle in person. And genuine. And polite. And self-deprecating. One can only come away feeling that one's own life path, no matter how unswerving and ambitious it may have seemed, is but a weedy backwoods trail full of soggy maps, aimless backtracking, popped blisters and roots tripped over, and which, in the end, hasn't led anywhere particularly interesting ... but this is not about me.

Born in 1943, McLachlin grew up in southern Alberta, near Pincher Creek, the eldest of five children. Her father, Ernest, was a rancher and farmer and also ran a sawmill. Her mother, Eleanora, ran the household and helped with her husband's various business ventures. McLachlin describes her upbringing as not affluent but says her parents always had enough to feed and clothe their children. Though that didn't prevent economic anxiety.

"There was always a sense of, 'Will there be enough money to pay the bills? To pay all the people we have to pay at the end of the month?' It was a rural community and nobody was wealthy. It wasn't a class community in that sense, and so I never had any sense of entitlement at all."

Her parents encouraged her academic ambitions during an era that was less than welcoming to women in the white-collar professions. McLachlin knew she wanted to go to a university of good standing when she finished high school.

"The U of A was always something of an icon," she says. "But there was also a practical reason. I didn't have any money and my parents had four children younger than me, so there was no way that they had the luxury to say, 'Would you like to go to UBC or the University of Toronto?' But I never wanted to, either, because everything I knew about the University of Alberta was that it was a very fine institution. And indeed, it was and still is."

Once she finished her undergrad degree, McLachlin went on to complete a master's in philosophy and a law degree at the U of A—graduating with both, remarkably, in the same year. By then she had married her first husband, **Rory McLachlin**, '70 MSc. He was

supportive of her career and urged her to take it as far as she could. “He always told me, ‘You’ll be on the Supreme Court one day.’ I would laugh at him.” (Tragically, he died of cancer at age 47.)

The study of law resonated deeply and immediately with her. It suited her intellectual interests—exploring ideas, developing positions, arguing for certain stances—and it was also about people. It seemed to her a good avenue to engage with society in a direct way.


Law was still mainly the domain of men. There were 65 students in her class at the law school, seven of whom were women, four of whom went on to legal careers. Sexism was a mountain that a woman in a professional field had to climb every single day.

“It was just the way the world was,” McLachlin says. “It’s changed a lot, thank goodness. But I remember when I went for my first interview for articles, and it was with a prominent practitioner, a wonderful man. We had a great interview and I was the top of the class. I thought I’d get the job. At the end of this lovely interview, he said, ‘Why do you want to practise law?’ I was completely flummoxed and didn’t know what to say. Seeing my discomfiture, he said, ‘Well, you know, you’re married!’ I thought, ‘What does that have to do with it?’ I remember just fleeing the office and feeling, ‘I’m not going work there, even if they were to ask me.’ They never did. But I went across the hall and got a job with a different firm that had had women working for them.”

She was soon to discover the depth of sexism that existed, even once a woman had secured a job and established her bona fides. The sexual banter, the casual disrespect. The day she started with the new law firm, she was put in an office with another female lawyer; none of the male lawyers shared offices. It wasn’t that people were unkind, she recalls, but there was an entire set of working assumptions taken for granted.

“I even remember times you’d finish a case and the firm would have a victory lunch at a men’s-only club! I fumed and in the end just said to them, ‘I’m hurt, you shouldn’t have done





that, and that was wrong.' ... Basically, I decided that if things happened, well, that was the other person's problem and I wasn't going to let it get me down. I always had a certain doggedness and determination that I would not let that kind of thing get in my way. I'm a pragmatic person. Sometimes you have to stand up, but do it honestly and politely. That has always been my approach and I think it has served me well."

She would go on to bring about many changes in the workplace. An observer will no doubt wonder whether her early experiences of discrimination etched into her a passion for fighting for the powerless. "The greatest satisfaction I got out of the early years of my practice," she says, "were those cases where I took on somebody who didn't seem to have a hope. You knew they were in a bad situation, and I found some small role to play in rectifying their situation or getting them justice. I found that enormously satisfying."

McLachlin worked as a lawyer in Edmonton and British Columbia, then as a professor at UBC, before taking on various judge positions up the chain until she was appointed in 1988 as chief justice of the Supreme Court of British Columbia. When former prime minister Brian Mulroney appointed her to the Supreme Court of Canada in 1989, she found almost instantly that it suited her intellectually and temperamentally. The 70-hour workweeks weren't a problem. "When you're involved with what you're doing, it's fine. The most important thing is not how much you're working but that you love what you're doing and that you're involved with what you're doing."

Yet the stress of the Supreme Court is real and relentless. Again, McLachlin's temperament helped set the tone. "I've always felt in my soul that it's right to achieve as much consensus as possible. I mean, I will never resile from what I feel is the right position, so someone else would probably say, 'She is pretty confrontational.' And I've written my share of dissents. But there's a high level of collegiality. During my time on the court, I was privileged to serve with wonderful people. We had a lot of good times and great discussions. It's fun. When you're working that closely with people, you develop intense bonds."

It might be difficult to understand how two judges can argue a point of law vociferously in the afternoon and then have an enjoyable meal together in the evening. Professional differences, she says, are part of the work. It doesn't mean you don't respect one another. You have to be true to your vision of the law and what the result

should be, and if you're not true to that, you're not doing your job. Which means no matter how much you respect your colleagues, there are going to be confrontations. But she led the way in creating an environment of respect for opinions, ideas and shared humanity.

"At the basis of all her decisions is compassion," says legal scholar **Ian Greene**, '70 BA(Hons), who is co-writing a book with **Peter McCormick**, '68 BA(Hons), called *Beverley McLachlin: The Legacy of a Supreme Court Chief Justice*, due out this fall. "She has been arguably one of the most

"I'd get up at 5:30, work on the book for a couple hours, take my dog for a walk, shower, then go to court and the rest of the day was judge stuff."

effective judges the court has had in terms of the advancement of the rule of law and human rights, clarity of writing, leadership and the promotion of collegiality."

One has to wonder how a person can retain the mental and emotional strength, not to mention the physical stamina, to do a job like that day after day, year after year. McLachlin admits she had to remain constantly aware of managing the stress, as every judge does. Most find ways to sublimate the strain, to bleed off the pressure with outside interests. She recalls the advice of former Supreme Court justice William McIntyre. When she replaced him, she asked if there was one piece of advice he could give her. He thought about it for a while and then said, "Find outside interests. Otherwise this job will consume you."

"It was wonderful advice," McLachlin says. "I had a young son at the time. And Frank [McArdle, her second husband, to whom she has been married for 27 years] and I have a cottage we get away to. I walk a lot. I turn off my electronics for a day or two. I go to concerts. I see friends outside the legal profession. You need to stay connected, to read the papers, to be involved with society. You have to be part of the community to understand the community. I was appointed in 1989 and left the court in 2017, and there's no way I could have survived that period so happily if I hadn't had a good human life."

A generation ago, the Supreme Court of Canada was not viewed as a template for other countries; today, countries around the world have sought counsel from and even attempted to emulate the practices of our highest court. That's not an accident, though McLachlin would never think of taking

credit for any of it. "It's all part of our Canadian collective psyche, I think, which tends to promote the rational, pragmatic outcome, the concern for all, not just individualism. And ultimately Canadians, even if they feel that they themselves are not happy with their situation or what's happening, they seem collectively able to understand what needs to be done to move forward together."

McLachlin is upbeat about the future of the country's top court. She foresees a time when citizens and the court have an even greater engagement, a more open dialogue. In the long run, she hopes Canadians continue to understand and even elevate their understanding of how vital it is to retain the institutional integrity of the justice system. "It really is fundamental," she says, "to everything that we enjoy in our democracy, that we preserve the rule of law, and that we maintain the institutions. Everything rests on public confidence."

Her words are so optimistic and so hopeful, so full of that pragmatic wisdom she generously ascribes to us all, that I can't help but ask how she plans to put that good nature aside as she works on her next crime book, which must, as the genre dictates, feature all manner of depravity and malfeasance. She laughs.

"One thing about being a judge," she says, "is that you get exposed to the whole range of human behaviour. So, by the time you've been a judge for as long as I have, you understand that people operate and act in a lot of different ways. I'm very aware of the darker currents of human nature."

I ask how she managed to get a book written in the first place. Where did she find the time?

"Oh, you just compartmentalize," she says breezily, as if anyone could run the Supreme Court and write novels in their spare time. "I'd get up at 5:30, work on the book for a couple hours, take my dog for a walk, shower, then go to court and the rest of the day was judge stuff."

Judge stuff. How much of her work, I ask, was divided between writing and ... judge stuff.

"They were long weeks," she says. "But I was often really surprised at what came out. I'd be writing in the morning and think, 'Where did I come up with that line or that idea?' That's an amazing feeling, to see that happening and to allow yourself to see that happening."

She'd had the story of *Full Disclosure* niggling away at her for decades, but it wasn't until she knew retirement was coming that she began those early morning writing sessions. No doubt most observers would have expected her to write something with great intellectual weight—a history of the Supreme Court or an examination of legal practices in other countries. But, no. She surprised pretty much

When she retired in 2017, Beverley McLachlin was the longest-serving chief justice of the Supreme Court in Canadian history. In that role, she sat for more than 1,000 appeals and contributed legal opinions in 252. Her opinions have been lauded for their prescience, clear-mindedness and groundbreaking exposition of the Charter of Rights and Freedoms. We asked lawyers and judges what they view as her most important judgments.

OPINING *the* OPINIONS

By **Jay Smith**, '02 BA(Hons), '05 MA

Chief Justice Catherine Fraser,
'69 BA, '70 LLB, '13 LLD (Honorary),
Chief Justice of Alberta

McLachlin's fingerprints are all over the most important judgments of the Supreme Court in the charter. She's able to see past the legal horizon to things others cannot yet see. Many have a favourite case or sentence from one of her judgments. Mine is three words—a sentence fragment only—from *R vs. McIntosh* (1995). In those three words, she captured the very essence of why, in a democracy, we have laws: "Life is precious."

Justice Ritu Khullar,
'85 BA(Hons), Alberta Court of Appeal

My two favourite McLachlin-penned decisions were both released in 1999. They represent the high-water mark of Canadian human rights jurisprudence. The first, *Meiorin*, provides a clear articulation of the meaning of discrimination when otherwise seemingly neutral rules have a discriminatory impact on an individual. *Meiorin* also explains the obligation of employers or service providers to accommodate an individual who has experienced discrimination to the point of undue hardship. The second, *Grismer*, emphasizes that human rights assessment focuses on the impact on the individual.



McLachlin, shown with her Supreme Court colleagues in 2015, fostered an open and collegial atmosphere during her tenure as chief justice.

Justice Sheila Greckol,
'74 BA, '75 LLB, Alberta
Court of Appeal

McLachlin was a visionary. She conceived that social, historical and legal context ensures impartiality. Contextual decision-making took hold: in *Gladue* (1999) and *Ipeelee* (2012), her court required sentencing judges to consider the historical disadvantages, wrought by colonialism, of individual Indigenous offenders. Prescient, imaginative, wise.



Rose Carter,

'78 BA, Queen's counsel, partner at Bennett Jones LLP

In my practice area of health law, the 2015 Carter decision was a sea change. McLachlin set the stage for this significant change in her dissent in the 1993 Rodriguez decision, in which the slim majority of the court denied Sue Rodriguez, terminally ill with ALS, the right to end her life with assistance. McLachlin's stance, which in 2016 became law, lets adults who are physically incapable end their lives with the assistance, comfort and safety of a health-care professional.

Neena Ahluwalia,

'80 BA(Spec), '83 LLB, Queen's counsel, senior manager at Alberta children's services

As a law student, I learned a dissenting opinion today may become a majority decision later. That was true when McLachlin's 1993 dissenting opinion in Rodriguez became the basis for the court's 2015 decision in Carter. She also weighed in on the roles court and Parliament play in the Constitution. She wrote: "The focus [of the court] is not on why Parliament has acted, but on the way in which it has acted." Rodriguez was a harbinger for decisions that challenged executive power, forged ahead on charter rights, recognized Aboriginal title and protected access to justice.

Dan Chivers,

'97 BCom, '04 LLB, partner at Pringle Chivers Sparks Teskey

McLachlin was a unifying force within the court and a strong leader who left a legacy of numerous decisions. Canada vs. Bedford was one of her most prominent cases, which expanded protections under Section 7 of the charter. This decision prevented the possibility of any law that would allow for inequality and unsafe work environments for sex workers. Bedford remains as a lasting example of McLachlin's willingness to challenge Parliament where necessary.

everyone when she went to the opposite end of the spectrum. Crime writing. A genre novel. Packed with wrongdoing and scandal and unsavoury characters and sex and intrigue. *Full Disclosure* is a legal crime thriller full of the kind of lurid details you'd see in a TV legal show. Clearly, McLachlin had things other than legal decisions bubbling under the surface all those years. She laughs when I ask her about that.

"Oh, I always knew I had it in me," she says.

"So when I finally wrote fiction, it just felt so liberating to exploit that part of my personality. To create characters, describe things, be creative. Because as a judge, you're not supposed to be creative. You are developing legal concepts, yes, and the law has to develop to meet new situations, so there's an element of creativity. But storytelling was so different and great fun."

McLachlin is smart enough and humble enough



to have kept expectations in check ("I'm not Proust!"), which meant she was pleasantly surprised when she finished the book, found an agent and then a publisher. She was convinced it was something she had to get out of her system and then she'd move on. But she is now a full-fledged success and is already at work on her next book, the aforementioned memoir.

"I never set out to create a literary masterpiece," she says of *Full Disclosure*. "But I did have a philosophy in the book to write about the truth and my reflections on social justice and the downtrodden, to address the situation of those less fortunate, or who are weak or discriminated against, who are maybe caught up in something that they shouldn't

be caught up in, and can they be redeemed. So that does come through because that's what my fundamental concerns are."

These have been the concerns of her entire career but to lay them out in fictional form takes a different kind of courage. I ask her what the reaction to the book has been from her colleagues in the legal and judicial worlds. She laughs.

"Well, it depends. Some have read it and really enjoyed it; others, I think, didn't know quite what to make of it. Nothing negative, though. I thought that there would be some negative reaction, but if there has been, it hasn't been communicated to me. As I said to one of my colleagues, this is my little frolic."

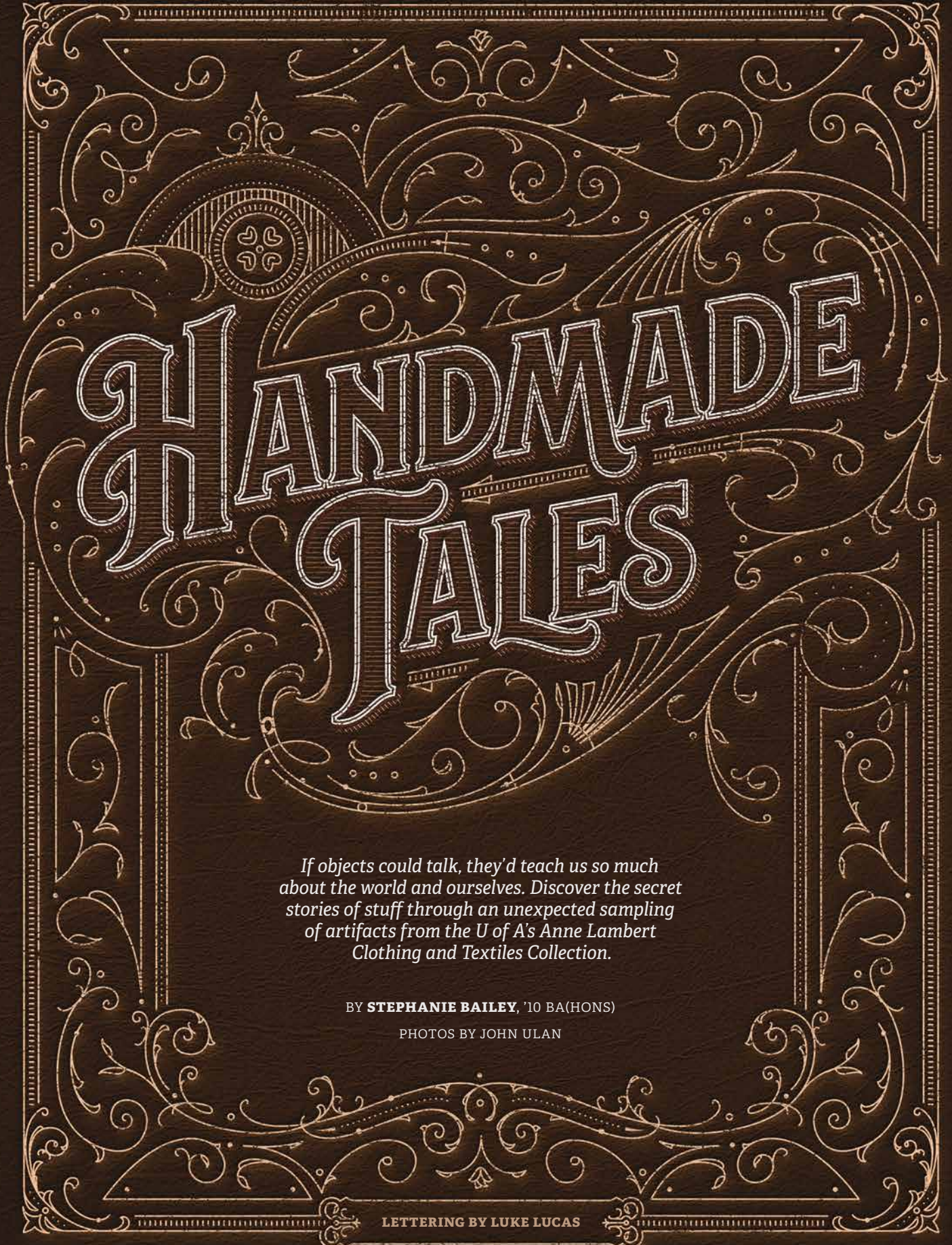
A frolic her new freedom allows her. She says her friends have remarked that she seems lighter, freer, since retirement, even with the work she has taken on since leaving the Supreme Court. It's not hard to understand why, given the tremendous demands of the job she shouldered for so many years: nothing less than helping shape law in this country.

To those who know McLachlin, or know of her remarkable role in Canadian jurisprudence, it is clear that she made the role, the role did not make her.

Greene notes in the upcoming book that her career was not one that she planned for herself. "But her personal qualities of collegiality, hard work, insight, impartiality and down-to-earth humility quickly brought her to the attention of senior judges and politicians."

He sums up his thoughts for this article: "Although she rose from obscurity to become one of the world's leading jurists, she never lost her humility and compassion. We are all beneficiaries of her example." ■





HANDMADE TALES

If objects could talk, they'd teach us so much about the world and ourselves. Discover the secret stories of stuff through an unexpected sampling of artifacts from the U of A's Anne Lambert Clothing and Textiles Collection.

BY **STEPHANIE BAILEY**, '10 BA(HONS)

PHOTOS BY JOHN ULAN

LETTERING BY LUKE LUCAS

A

An ancient Egyptian tapestry and the rubber boots Lois Hole wore while gardening. Both items tell stories of everyday life. And they're both part — perhaps an unexpected part — of the U of As Anne Lambert Clothing and Textiles Collection.

“Most people come to the collection expecting to see a very specific sample of historical clothing — garments you might see in *Downton Abbey*,” says Vlada Blinova, a researcher and collections manager who leads public tours. “[People are] often surprised to see that we also have lots of cultural textiles, tools and accessories.”

Indeed, the donor-supported collection holds a seemingly bottomless well of artifacts — more than 23,000 pieces that span 350-plus years of history — that expand our understanding of the world. Students, researchers and other curious folks can learn first-hand about historical and cultural traditions from around the globe. Here are a few objects that tell us stories about the world that once was.

View the collection at Alumni Weekend, Sept. 19-21, or visit clothingtextiles.ualberta.ca.



SNOW GOGGLES

1954. *Kugluktuk, Nunavut (formerly Coppermine, N.W.T.), Canada*



There is a whole lot of snow in the Arctic. And where there's snow, there's glare. And where there's glare, there's the risk of snow blindness (think: a painful

sunburn for your corneas that takes days to heal). To protect their eyes from the harsh spring sun while hunting, Inuit traditionally wore snow goggles carved out of bone or antler and, later on, out of wood — like the ones shown here from the 1950s. The narrow slits acted like a permanent squint, shielding the eyes from harsh ultraviolet rays and helping bring objects



STUMPWORK BOX

ca. 1650-1675. England



It's hard to believe this intricately embroidered box could have been fashioned by an 11- or 12-year-old. In the 17th century—long before Polly Pockets and iPads— young girls were put to work learning how to sew. As early as age six, girls of all social classes learned basic needlework techniques, such as hemming and seaming, to help make undergarments and basic household linens. These skills were essential to running a household in a time when popping out to Bed Bath & Beyond wasn't an option. But only a privileged few were able to afford the time and materials to create embroidered boxes like this one, which was created in England. For young girls who spent years practising embroidery, these boxes were seen as the “final exam” of their needlework education. The panels often featured stumpwork embroidery, where stitched figures depicting scenes from the Bible—like the stories of Joseph and Moses seen here—are raised from the surface in a 3D effect. Not just mantelpiece dust collectors, stumpwork boxes were functional, housing jewelry and writing tools.

at a distance into better focus. Each pair would be custom-made for the wearer's face to block out as much sun as possible. Sometimes soot was applied to the inside of the goggles to cut down on glare even more. They'd never fog up or ice over, making them superior even to modern, high-tech sunglasses. Eat your heart out, Oakley.





FAMILY HAIR WREATH

ca. 1890. North Dakota, United States



We've all heard of a family tree but what about a family hair wreath? However hair-raising this might seem to our modern sensibilities, hair art was common during the Victorian era. Hair doesn't decay or lose its colour, making it the perfect sentimental token of love and friendship, or a way to remember the dead. To make a wreath like this one, hair was collected from family members and then painstakingly woven into intricate designs, often in the shape of flowers. If you wanted to make your very own family "hairloom," you could find patterns in stores and in women's magazines. Victorians were less squeamish about death than we are today, perhaps because mortality rates were much higher and most funerals happened at home. In fact, the living room used to be called the death room because that's where most Victorians would host funerals and display the deceased for viewing.

BATIK CAP

ca. 1945. Java, Indonesia

Indonesian batik is a method of hand-drawing intricate designs onto fabric with wax. After soaking the cloth in dye, the maker removes the wax with boiling water and draws another design before re-dyeing. (A method similar to that of decorating a Ukrainian Easter egg.) A far cry from fast fashion, a fine piece of batik could take anywhere from a few weeks to a year to create, which meant that high end batik fabric was only accessible to the elite. In the 19th century, copper wax stamps like this, known as caps, helped speed up the process and lower the price of textiles to compete with cheap European imports. Batiks are still woven into the everyday fabric of Indonesian life today, including celebrations of marriage or pregnancy. Some royal batiks are even thrown into volcanoes during ceremonies to prevent eruptions. You can celebrate this cultural tradition every year on Oct. 2, international Batik Day, which marks the anniversary of UNESCO declaring Indonesian batik a part of humanity's intangible heritage.



LOTUS SHOES

Guangdong style, ca. 1890-1910. China

These Chinese shoes are small enough to fit in the palm of your hand. So, how could they fit the feet of a grown woman? For more than a thousand years in China, some mothers and grandmothers would begin tightly binding the feet of girls as young as four years old. The ultimate goal of this painful process was to deform feet to a mere 7.6 centimetres long, roughly the length of your thumb. These were called "golden lotus" feet for their pointed lotus bud shape. Though few achieved this ideal, women would go to extreme lengths trying, despite the fact that foot binding could limit a woman's mobility and lead to a slew of health issues like

gangrene and ulcers. But the practice promised a different kind of mobility: social. Tiny feet in China—much like tiny waists in Victorian England—were the height of feminine beauty, elegance and status. It was common for a pair of a girl's handmade lotus shoes to be given to a prospective husband, especially when the family hoped to "marry up." Very small and elaborately embroidered shoes were seen as evidence of self-discipline, patience and fortitude, as well as artistic and household skills. While the practice was outlawed in 1912, it persisted until the founding of the People's Republic of China in 1949.





25TH

Alumni

Awards

SEPT. 19



THURSDAY

Join us to celebrate our outstanding alumni!

Thursday, Sept. 19, 2019 | 7 p.m. ceremony | Northern Alberta Jubilee Auditorium
Get free tickets at uab.ca/aw2019 | Questions? alumni.awards@ualberta.ca

Distinguished Alumni Award

Donald Enarson, '69 BSc, '70 MD
Ram Deva Mehta, '72 PhD
Mona Nashman, '79 BEd
Reza Nasser, '70 BSc(ElecEng)

Alumni Honour Award

Charlene Bearhead, '85 BEd
Stacey Lee Collyer, '85 BEd
Marilyn Dumont, '90 BA
Gary L.W. Lobay, '68 MD
Bruce C.W. McGee, '80 BSc(ElecEng),
'84 MEng, '98 PhD
Tony Mok, '82 BMedSc, '84 MD
Sidney H. Pawlowski, '54 BSc(Ag), '59 MSc
Kenneth T. Williams, '90 BA(Spec), '92 MFA
Jing Cheng Yu, '89 MSc
Lubna Zaeem, '07 MEd

Alumni Horizon Award

Jeremy Bryant, '12 BCom
Marnie Colborne, '17 BScN(Hons)
Elaine Hyshka, '07 BA, '16 PhD
Kellie Willie, '08 BPE, '11 BScN

Alumni Service Award

K. Steven Knudsen, '84 BSc(CompEng), '87 MSc
Da Li, '98 BCom
Ronald Grant McCullough, '54 BSc(Ag)
Dick Wilson, '74 BA, '75 LLB

Alumni Award of Excellence

Brian Wildcat, '95 MEd
Winnie Yeung, '04 BEd

Alumni Innovation Award

Fitset
Tim Gourlay, '09 BCom, '18 MBA
FOXY (Fostering Open eXpression among Youth)
SMASH (Strength, Masculinities, and Sexual Health)
Candice Lys, '06 BA(Hons)
Tevosol
Darren Freed, '97 BMedSc, '98 MD, '16 PostgradCert(Med)
Jayan Nagendran, '00 BMedSc, '01 MD, '09 PhD

Sports Wall of Fame

Sean Chursinoff, '91 BEd
Jane Cox Kolodnicki, '91 BEd
Serge Lajoie, '93 BEd, '11 MA
Golden Bears Wrestling '69 - '72

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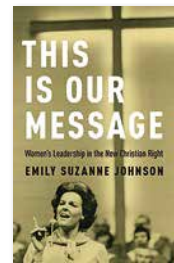
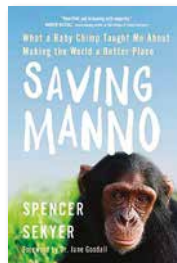
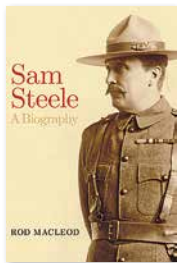
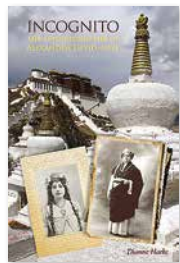
WHERE YOU'VE BEEN AND WHERE YOU'RE GOING



Spencer Allen, the U of A's record-breaking pole vaulter, is set to reach great heights after graduating this spring with a bachelor of science in kinesiology. As a student athlete, Allen helped create a culture of giving back by organizing equipment drives and read-in weeks to promote literacy. His leadership earned him the donor-supported U Sports Student-Athlete Community Service Award. Allen, one of more than 6,800 June graduates, plans to compete at the national level.

PHOTO BY RICHARD SIEMENS

Books



U of A alumni share their new books, including a real-life adventure to save a baby chimp, advice for creative entrepreneurs and a look at Calgary's eclectic music scene.

Compiled by *Kate Black*, '16 BA

▼
WELLNESS

Gift of the Gurus
by Pearl Anjane Gyan-Dyck, '84 MEd, self-published

Describes the lives, teachings and meditation techniques of four foundational Indian gurus.

▼
FICTION
Incognito: The Astonishing Life of Alexandra David-Neel
by Dianne Harke, '68 BA, '72 Dip(Ed), '82 MLS, Sumeru Press Inc., sumeru-books.com

A dramatic retelling of the adventures of Alexandra David-Neel, a spiritualist, writer, Buddhist scholar and explorer.

▼
POP CULTURE
Reading Shtisel
by Maurice Yacowar, '62 BA, '65 MA, self-published

Yacowar, a film scholar, provides an episode-by-episode analysis of the successful Israeli television drama series.

▼
BUSINESS
Make It Happen: The Creative Entrepreneur's Guide to Transforming Your Dreams Into Reality
by Jenna Herbut, '04 BCom, Page Two Books, pagetwo.com

The founder of Make It, one of Canada's largest craft fairs, gives her best advice to entrepreneurs looking to take their big ideas to market.

▼
SELF-HELP
Desperately Seeking Self: Second Edition
by Viola Fodor, '74 BEd, '79 MEd, Turner Publishing Co., turnerpublishing.com

A spiritual approach to connecting with oneself and healing from an eating disorder.

▼
MEMOIR
Micro Miracle: A True Story
by Amy Boyes, '10 MMus, Signature Editions, signature-editions.com

A first-time mother recounts the struggles of childbirth and parenting after giving birth 16 weeks prematurely.

▼
BIOGRAPHY
Sam Steele: A Biography
by Rod Macleod, '62 BA, University of Alberta Press, uap.ualberta.ca

A comprehensive account of the life of a mounted policeman turned military leader, known as "the man who tamed the Gold Rush."

▼
MEMOIR
Saving Manno: What a Baby Chimp Taught Me About Making the World a Better Place
by Spencer Sekyer, '91 BPE, '92 BEd, Simon & Schuster, simonandschuster.ca

A small-town teacher describes his eye-opening travels around

the world and his efforts to rescue a chimp in danger.

▼
FICTION
The Melting Queen
by Bruce Cinnamon, '14 BA(Hons), NeWest Press, newestpress.com

In a magic-realist Edmonton, a gender-fluid ex-frat brother upends local traditions and forces the city to confront the dark truth of its history.

▼
MEMOIR
Beyond Vision: Going Blind, Inner Seeing, and the Nature of the Self
by Allan Jones, '71 BEd, McGill-Queen's University Press, mqup.ca

Canada's first blind diplomat recounts living with the untreatable eye disease that slowly took away his vision, and how a revelatory Indian philosophy changed his outlook.

▼
HISTORY
The Homesteaders
by Sandra Rollings-Magnusson, '03 PhD, University of Regina Press, uofrpress.ca

Drawing upon deep archival work, Rollings-Magnusson brings to life the experiences of early Canadian prairie settlers.

▼
CHILDREN'S LITERATURE
The Forces of Nature: Gaia's Child
by Chúk Odenigbo and Samantha Matters, '14 BSc, '14 Cert(CSL), self-published. Illustrated by Andie Lafrentz, '16 BMgt

Canadian superheroes combine forces to inspire children to

become better stewards of the environment.

▼
RELIGION
This Is Our Message: Women's Leadership in the New Christian Right
by Emily Johnson, '07 BA(Hons), Oxford University Press, global.oup.com

Johnson examines the impact of evangelical women—from Tammy Faye Bakker to Anita Bryant—on the modern religious right in the United States.

▼
MUSIC
Sonic Booms
by Gillian Turnbull, '07 MA, Eternal Cavalier Press, eternalcavalierpress.com

Turnbull, an ethnomusicologist and journalist, takes a deep dive into uncovering what makes Calgary one of Canada's most eclectic music scenes.

▼
FICTION
The Beast of Theydon Garnon
By Peter Gilderson, '62 BSc, self-published

In this debut novel, a good-hearted shoemaker enters into a power struggle with a greedy lord of the manor in the English village of Theydon Garnon.

Tell us about your recent publication. Email a write-up with a high-resolution cover image to alumni@ualberta.ca. Or mail your write-up and book to New Trail Books at the mailing address on page 4. We cannot guarantee all submitted write-ups will be included on this list. Inclusion does not denote endorsement by New Trail.



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Donors Dilip Kembhavi, '74 MEng, '78 MBA, and his wife, Alaka

We'd love to hear what you're doing. Tell us about your new baby or your new job. Celebrate a personal accomplishment or a volunteer activity or share your favourite campus memories. Submit a class note at uab.ca/classnotes or email alumni@ualberta.ca. Notes will be edited for length, clarity and style.

Class Notes

1960s

'69 **Linda Kupecek**, BFA, recently received the Alliance of Canadian Cinema, Television and Radio Artists Alberta Life Membership Award for her contributions to the province's film and television industry. In addition to her roles as an actor and her service on ACTRA's board of directors, Kupecek was a columnist with the *Hollywood Reporter* for 10 years and

has published several books, including *Deadly Dues*, the first book in the Lulu Malone mystery series.

1970s

'79 **Kent H. Davidson**, BA, '82 LLB, was recently named a justice of the Court of Queen's Bench of Alberta. Davidson is a charter member of the Rotary Club of St. Albert (Alta.) and president and co-founder of the St. Albert Community

Students prepare to cross the stage during convocation in June.



Foundation. He recently stepped down as chair of Miller Thomson law firm.

'79 **Pamela Jean White**, BA, started her own B.C.-based business, Westcoast Writing and Research, after graduating from her undergrad degree as a mature student. She has since written and taught extensively on the application of ISO quality management and other standards. She now lives in England, where she runs her quality management systems business, Qualidoc.

White published her first children's book, *Billy Beaver's Adventures: Billy Goes to Tea*, in October 2017.

1980s

'82 **Darryl Boyce**, BSc(MechEng), recently retired after 20 years as the assistant vice-president



► Darryl Boyce

IN THE NEWS

New Schools, Familiar Names

The names of **Aleda Patterson**, '57 BEd, and **Alex Janvier**, '08 LLD (Honorary), will adorn two new Edmonton schools opening in 2021. Patterson is a former Edmonton Public Schools teacher who started community agencies to support mental health, families and young children in Edmonton, including the ABC Head Start Society. Janvier, a residential school survivor, is a celebrated Alberta artist from Cold Lake First Nations. His colourful abstract murals can be seen in public buildings across Canada. —CTV NEWS



of facilities management and planning at Carleton University. This wraps up a 40-year career serving universities such as the U of A and Western University. He is now acting as the president of the American Society of Heating, Refrigerating and Air-Conditioning Engineers.

'85 **Tom Noseworthy**, MSc, has been CEO at the British Columbia Academic Health Science Network since June 2018. Noseworthy previously served as a leader in the development of Alberta Health Services' Strategic Clinical Networks, head of the University of Calgary's Department of Community Health Sciences, and CEO and president of the Royal Alexandra Hospital in Edmonton.

'86 **Maria Thompson Corley**, BMus, has had a number of successes in the musical and literary worlds since graduating from the Juilliard School with a doctor of musical arts in piano performance. Most recently, her song cycle, *Grasping Water*, was added to the curriculum at the Jackdaws Music Education Trust in the United Kingdom. Her arrangement of "Steal Away" was recorded on Darryl



▲ Maria Thompson Corley



IN THE NEWS

Grand Chief Recognized

The United Nations Association of Canada honoured Grand Chief **Wilton Littlechild**, '67 BPE, '75 MA, '76 LLB, '07 LLD (Honorary), with the 2019 Pearson Peace Medal for his work advancing the rights of Indigenous Peoples in Canada and internationally. Carolyn Bennett, minister of Crown-Indigenous Relations and Northern Affairs Canada, presented the medal and tweeted: "You are a fearless advocate, & true partner in, reconciliACTION."

Taylor's album *How Sweet the Sound: A Charm of Spirituals*. Cincinnati's Women's Choir commissioned and premiered her arrangement of "If I Can Help Somebody" at a celebration of Martin Luther King Jr. Thompson Corley's short stories and poetry also recently were published in *Midnight and Indigo* and *Fledgling Rag*, and she has a poem forthcoming in *Kaleidoscope*.

'88 **Catherine Cole**, MA, received two awards this spring: the International Council of Museums Canada's International Achievement Award and the

Edmonton Historical Board's recognition award in April. Cole was recognized for her 30-year career promoting Canadian museology locally and globally, which

has included serving as the secretary-general of the Commonwealth Association of Museums and speaking around the world on museums' roles



DID YOU KNOW?

The snake dance was a popular orientation event in the 1950s. A chain of as many as 8,000 students would make its way across the High Level Bridge and down Jasper Avenue, tying up traffic for hours.

in reconciliation and repatriation.

'89 **Valerie Sluth**, BA(RecAdmin), was appointed the RBC Executive Woman in Residence at the University of Regina's Faculty of Business Administration. This appointment recognizes her efforts in building Saskatchewan's largest locally based management consulting firm, Praxis Consulting. In May, she was elected the 2019 chair of the Saskatchewan Chamber of Commerce.



'90 **Roger Wong**, BMedSc, '92 MD, received the Canadian Geriatrics Society's highest honour, the Ronald Cape Distinguished Service Award, at the society's annual meeting in Halifax. Wong founded the state-of-the-art Acute Care for Elders Units, which have been implemented nationally



▲ Roger Wong

and internationally, and he currently serves as the executive associate dean of education at the University of British Columbia's Faculty of Medicine.

'91 **Ava Karvonen**, BA(RecAdmin), '16 MA, and **Scot Morison**, '80 BSc, have produced more than half a dozen documentary films together over the past 20 years. Their latest feature work, *Finding Bobbi*, had its world première and two sold-out screenings at the Ashland Independent Film Festival in Oregon this April. The film tells the story of Canadian actor Bobbi Charlton's journey through gender dysphoria and follows her return to theatre after a 23-year absence.

'95 **Denise Epp**, BEd, lives with her husband in Japan, where she is an associate professor at Daiichi University of Pharmacy. Epp, who has a PhD in clinical pharmacy education, recently helped establish a research and exchange partnership between Daiichi and the U of A's Department of Pharmacology. "I was very excited that my first partnership agreement would be with my alma mater," Epp writes.



CAMPUS SAINT-JEAN

Êtes-vous une ancienne ou un ancien du Campus Saint-Jean? Partagez votre expérience dans le New Trail. Pour ce faire, nous vous invitons à remplir le formulaire ici: ualberta.ca/campus-saint-jean/anciens-et-amis/new-trail.

'05 **Winston Tuttle**, BCom (bilingue) a récemment fermé son cabinet d'avocat, Winston Tuttle Professional Corp. Depuis novembre 2018, il travaille chez TD Wealth Private Investment Advice comme planificateur fiscal où il aide les clients fortunés avec la planification de succession.



'01 **Sally Warr**, BA(NativeStuHons), writes about her life-changing experience moving from the United Kingdom to enrol in native studies at the U of A:

"I packed my bags and flew to Edmonton with a sense of adventure and trepidation all rolled into one. I remember walking down Whyte Avenue thinking, 'What on Earth am I doing here all alone?' However, I was warmly welcomed by the staff at the [Faculty of] Native Studies and friendly people at the international student centre.

From Native Studies 101, I started to gain knowledge about the history, culture and the sociological and health aspects of Indigenous Peoples in Canada and worldwide. I learned to speak some Cree and became adept

at writing it, and even helped create a Cree Grammar Guide alongside Marjorie Memnook and Donna Paskemin. It was the most enriching and rewarding time of my life.

Twenty-one years later, I have now set up my counselling business part-time in the U.K. Recently, I heard a meaningful comment: 'It takes 10 seconds to get out of your comfort zone, which could change your life forever.' It most certainly did for me!"

'08 **Tanya Kalmanovitch**, PhD, an associate professor at Mannes School of Music at the New School, presented her documentary play, *Tar Sands Songbook*, in New York City at the United



▲ Sally Warr



IN THE NEWS

Business as Unusual

Open-concept offices can make it tricky to focus on a big project or make a private phone call. To solve the problem, **Nick Kazakoff**, '13 BDes, left, and **Brendan Gallagher**, '13 BDes, came up with the Loop, a booth designed to offer privacy in the midst of the workaday buzz. The pair's company, onetwosix, which they founded after meeting in the U of A's industrial design program, has sold the Loop to companies including Pokémon, Shopify, Burt's Bees and L'Occitane. —EDMONTON JOURNAL

Nations Permanent Forum on Indigenous Issues. The event was held in partnership with the U of A's Tracking Change research initiative, which seeks to give voice to Indigenous communities in the governance of major freshwater ecosystems.

'09 **Steven Murchison**, BSc(EnvSci), has received the Dean's Award for Full-time MBA Student Excellence at Georgia Tech's Scheller

(continues on page 41)



DID YOU KNOW?

In the U of A's inaugural year, 1908, full-load undergraduate arts tuition was \$20.



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LEADERSHIP COLLEGE



IN THE NEWS

Staying on the Ball

Jordan Baker, '13 BCom, '17 MA, eludes a Niagara River Lions player during a Canadian Elite Basketball League game in Edmonton. Baker is one of several U of A connections with the Edmonton Stingers, including fellow player **Kenny Otieno**, '15 BSc. It's the inaugural season of the six-team professional league. —EDMONTON JOURNAL



Still Exploring

Graduates of the U of A's Explorations program gathered last year for a reunion at Long Lake Provincial Park north of Edmonton to share memories and photos of past projects. Explorations ran as a capstone project out of the Physical Education Department from 1980 to 1996. For one full semester, students would pursue a full course load of independent study courses and take part in a trip in Western Canada—ranging from sea kayaking in Haida Gwaii to paddling from Rocky Mountain House to Lake Superior.

Explorations has gone on to influence several other outdoor education and independent learning capstone projects across the country, says **Bob Henderson**, '81 MA, '95 PhD, who facilitated the inaugural trip in 1980 and wrote in with the update. After completing Explorations, Henderson developed an outdoor education curriculum at McMaster University.

Explorations graduates gathered last year for a reunion.

PHOTO BY LARRY WONG / EDMONTON JOURNAL, A DIVISION OF POSTMEDIA NETWORK INC.; ILLUSTRATION BY WENTING LI



DID YOU KNOW?

In 1948, a group of agriculture students decided to host a dance for students from all faculties—no one was barred from attending. The annual Bar None campus mixer is now a U of A institution.



(continued from page 39)

College of Business. He was honoured for his work in sustainable business research, including collaborating on Coca-Cola's World Without Waste initiative. He also has been named one of the "2019 Best & Brightest MBAs" by *Poets & Quants*, a news website devoted to the coverage of business schools.

2010s

'12 **David Galvez**, PhD, has started a new role as chief scientific officer at HollyWeed North Cannabis, a federally licensed processor that specializes in the extraction and manufacturing of cannabinoid-containing oils and finished products. Galvez also wrote in to announce that his wife, **Anayansi Cohen-Fernandez**, '12 PhD, was recently named the program head of the ecological restoration master's program at the British Columbia Institute of Technology.

'15 **Missy LeBlanc**, BA, '15 Cert(IntLearning) won the 2019 Middlebrook Prize for Young Canadian Curators for *Tina Guyani|Deer Road*. Her project features new works from residents of the Tsuut'ina Nation in Southern Alberta that speak to the impacts of development on First Nations land and how stories of loss can generate ideas of a better future for Indigenous Peoples. LeBlanc's exhibition will be on display at the Art Gallery of Guelph (Ont.) from Sept. 12 through Dec. 15. ■

The Alumni Association notes with sorrow the passing of the following graduates (based on information received between February 2019 and May 2019).

In Memoriam

1940s

'41 **Winifred Mary Wilson (Van Kleeck)**, BSc, '45 MD, of Vancouver, MB, in April 2019

'44 **Margaret W. Ferguson (Warren)**, BSc(HEC), of Winnipeg, MB, in April 2019

'45 **Margaret Jean Wright (Kaiser)**, BSc(HEC), of Vermilion, AB, in March 2019

'46 **Leo Mickelson**, BCom, of Edmonton, AB, in February 2019

'47 **Dorothy Cecilia Beazley (Jones)**, BSc(HEC), in April 2019

'47 **Herberta Bernice Fisher (Martin)**, BEd, of Calgary, AB, in March 2019

'47 **Joan Campbell Le Gall (Fraser)**, BA, of Toronto, ON, in March 2019

'47 **Marguerite Leng (Lambert)**, BSc, of Midland, MI, in May 2019

'47 **Margaret Lilian McIver (Stewart)**, BSc(HEC), of Camrose, AB, in May 2019

'47 **Eileen Vivien Shouldice (Nelson)**, BSc(HEC), of Edmonton, AB, in August 2018

'48 **William Ray Corbett**, BEd, of Calgary, AB, in July 2018

'48 **Edna Beth Spackman (Tanner)**, BSc(HEC), '52 BEd, of Calgary, AB, in August 2018

'48 **James Fletcher Wilson**, BCom, of Calgary, AB, in April 2019

'48 **Eileen Young (Kowalchuk)**, BSc, '49 Dip(Ed), '64 BEd, of Edmonton, AB, in April 2019

'49 **Geraldine Harvey**, Dip(Nu), in March 2019

1950s

'50 **Victor Edward Bohme**, BSc(PetEng), of Calgary, AB, in March 2019

'50 **George W. Elaschuk**, Dip(Ed), '54 Dip(Ed), '55 BEd, of Edmonton, AB, in February 2019

'50 **Francis Patrick Flanagan**, BA, '51 BEd, in March 2019

'50 **Donald Walter Hepburn**, BA, '52 BEd, '64 MEd, '77 PhD, in December 2018

'50 **Marjorie Rose Kennedy**, Dip(Nu), in December 2018

'50 **Lena Lamoureux (Kachur)**, Dip(Ed), '52 Dip(Ed), '56 BEd, of Edmonton, AB, in September 2018

'50 **Albert William Ludwig**, BA, '51 LLB, in February 2019

'50 **Stewart Montgomery**, BA, in March 2019

'50 **Marcel Berna D. Poitras**, Dip(Ed), '52 Dip(Ed), '56 BEd, of Edmonton, AB, in May 2019

'50 **Timothy Shaw Roebuck**, BA(Hons), of Kingston, ON, in April 2019

'50 **William Harold Reginald Tanner**, BSc, of Calgary, AB, in March 2019

'51 **William Cameron**, BSc(ElecEng), of Calgary, AB, in September 2018

'51 **Adeline Pauline Christie (Kryskow)**, Dip(Nu), of Santa Barbara, CA, in April 2019

'51 **Mary Kaliciak**, Dip(Ed), of Calgary, AB, in December 2018

'51 **George Donald Kermack**, BSc, '55 BSc(CivEng), of Parksville, BC, in November 2018

'51 **Robert Matthew Perry**, BSc, '53 DDS, of Calgary, AB, in December 2018

'51 **Marion Dorothy Sproule (MacKay)**, Dip(Nu), '52 BSc(Nu), '86 BA, of Edmonton, AB, in April 2019

'51 **Allen Rollins Wells**, BSc(Ag), of Oshawa, ON, in May 2019

'52 **Margaret Violet Berg**, BSc, in May 2019

'52 **Henry Gray**, BSc(CivEng), of Sherwood Park, AB, in April 2019

'52 **Audrey Myra Hrynychuk**, Dip(Ed), '70 BEd, in February 2019

'52 **Barbara Ann McLeod (Lipsev)**, Dip(Nu), of Calgary, AB, in May 2019

'52 **Gordon Keith Minty**, DDS, of Vancouver, BC, in February 2019

'52 **Walburga Brigetta O'Hara**, Dip(Ed), in March 2019

'52 **Ronald Llewellyn Taylor**, BSc(PetEng), of Calgary, AB, in July 2018

'52 **Vernon Roy Wishart**, BDiv, of Edmonton, AB, in May 2019

'53 **Tannis Muriel Edgar**, BA, in March 2019

'53 **Robert Roy Graves**, BSc, of Stuart, FL, in August 2018

'53 **Rosemary Holsworth**, BA, '55 BEd, of Edmonton, AB, in February 2019

'53 **John Gordon King**, BSc(PetEng), of Calgary, AB, in March 2019

'53 **Donald Wilson Lang**, BSc, '55 MD, of Comox, BC, in February 2019

'53 **Ronald Perry Mullen**, DDS, of Edmonton, AB, in April 2019

'54 **Doreen Avonne Anderson**, Dip(Ed), '64 BEd, of Camrose, AB, in March 2018

'54 **Gordon Braidwood Duncan**, BSc(Pharm), '59 MD, of Edmonton, AB, in February 2019

'54 **Marilyn Louise Gaelick (MacDonald)**, BSc(Pharm), of Edmonton, AB, in October 2018

'54 **Rhoda Stuart Menzies**, Dip(Ed), '56 BEd, '81 Dip(Ed), in July 2018

'54 **Irene Agnes Willing (Hoffman)**, Dip(Nu), of Calgary, AB, in August 2018

'55 **Ian William Adam**, BA(Hons), of Calgary, AB, in November 2018

'55 **John Duncan Dewar**, BPE, in December 2018

'55 **Robert Wagner Dowling**, BSc(Pharm), of Jasper, AB, in March 2019

'55 **Maurice Raymond Galarneau**, BSc(Pharm), of Edmonton, AB, in April 2019

'55 **Donald Elmer Kirk**, BSc, '57 MD, of Campbell River, BC, in February 2019

'55 **James E. Logan**, BA, '57 Dip(Ed), '71 Dip(Ed), of Edmonton, AB, in March 2019

'55 **Joseph Andrew Sisko**, BEd, of Medicine Hat, AB, in January 2019

'55 **Pauline Skorobohach**, Dip(Ed), of Edmonton, AB, in September 2018

'56 **Joseph Kane Chorney**, MD, of Saskatoon, SK, in April 2019

'56 **Colleen Fay Dahl**, Dip(Nu), '57 Dip(PHNU), of Las Vegas, NV, in August 2018

'56 **G. Musanobu Hasegawa**, BSc(CivEng), of Lethbridge, AB, in November 2018

'56 **John Heidebrecht**, BEd, in July 2018

'56 **Esther Maud MacDonald (Williams)**, Dip(RM), of Edmonton, AB, in December 2018

'56 **Allan Bruce Ritchie**, BA, of Calgary, AB, in July 2018

'56 **Brian Patrick Shields**, MSc, in February 2019

'56 **W. Leigh Short**, BSc(ChemEng), '57 MSc, of Williamstown, MA, in March 2019

'57 **Betty Ann Burningham (Barlow)**, Dip(Nu), in January 2019

'57 **Malcolm Gordon Inglis**, BA, '60 BEd, of Edmonton, AB, in September 2018

'57 **Muriel Pauline Lambert**, Dip(PHNU), of Edmonton, AB, in May 2019

'57 **Gordon Alexander Maxwell**, MD, in February 2019

'57 **Morley Edward Risko**, BSc, '60 MSc, '67 BEd, of Camrose, AB, in February 2019

'57 **Lloyd Skoretz**, DDS, of Edmonton, AB, in March 2019

'57 **Josephine Victoria Smith**, BSc(Pharm), of St. Albert, AB, in February 2019

'58 **Donna Louise Clandfield (McCalla)**, BA, in February 2019

'58 **Walter Hans Gerdts**, BSc(Ag), of Red Deer, AB, in February 2019

'58 **Casimir Lukay**, BSc(CivEng), of Edmonton, AB, in March 2019

'58 **Robert Lawrence Purdy**, BA, of Calgary, AB, in April 2019

'58 **Phyllis M. Wise**, Dip(Nu), in December 2018

'59 **Leonard Ralph Folkman**, BCom, of Creston, BC, in December 2018

'59 **Roy Edward Hartling**, BSc(Ag), '61 BEd, in January 2019

'59 **Thomas Alleyne Rayment**, BEd, '68 Dip(Ed), of Edmonton, AB, in March 2019

'59 **Patricia Valentine Walker**, BEd, of Canberra, Australia, in February 2019

1960s

'60 **Marshall Perle Bye**, BEd, of Calgary, AB, in December 2018

'60 **Loretta Marion Salter**, BEd, '64 BA, '71 BEd, of Red Deer, AB, in October 2018

'61 **Charles Edward Butterfield**, BCom, of Vancouver, BC, in April 2019

'61 **Tom Emil Chmilar**, BSc, of Redwater, AB, in April 2019

'61 **William David Howell**, BCom, of Bermuda, in February 2019

'61 **Jack Flemming Layton**, BEd, of Innisfail, AB, in March 2019

'61 **Douglas Allen Marshall**, BSc(ElecEng), of Grande Prairie, AB, in November 2018

'61 **Martin John Willans**, MD, of Kitchener, ON, in January 2019

'62 **Patrick George Collette**, BSc(CivEng), of Ashburn, VA, in September 2018

'62 **Robert Allan Mackie**, BEd, '69 LLB, of Calgary, AB, in March 2019

'62 **William Arthur McIntosh**, BSc, of Tofield, AB, in October 2018

'62 **Neal Allan Patterson**, BSc(ElecEng), '67 MSc, of Horseshoe Valley, ON, in April 2019

'62 **Leendert Philippus Schotte**, BA, in February 2019

'62 **Otto Peter Strausz**, PhD, of Toronto, ON, in May 2019

'63 **Linzel Verne Carmack**, BEd, '67 Dip(Ed), '68 BA, '70 MEd, in February 2019

'63 **Forest Deane Jensen**, BEd, '70 MEd, of Raymond, AB, in March 2019

'63 **Terry Ross Patrick**, MD, of Malibu, CA, in February 2019

'63 **Mark Lawson Sandilands**, BA, '69 PhD, of Lethbridge, AB, in August 2018

'63 **Eugene Louis Topolnisky**, BEd, '68 BA, of Edmonton, AB, in January 2019

'63 **Orlen William von Hollen**, BEd, '65 BSc, of Edmonton, AB, in February 2019

'63 **Ole Westby**, DDS, of Penticton, BC, in May 2019

'64 **Patricia Ralphe Bielish**, BEd, in April 2019

'64 **Oksana Ensslen (Chomiak)**, BA, of Edmonton, AB, in February 2019

'64 **Charles Edward Frost**, BA, '68 LLB, of Canmore, AB, in March 2019

'64 **Helen Theodora Hrynyk (Lingas)**, Dip(Nu), '65 BSc(Nu), of Edmonton, AB, in April 2019

'64 **John Zuk**, BSc(ElecEng), of Edmonton, AB, in February 2019

'65 **Nicholas Sydney Cowles**, BSc(Pharm), of Calgary, AB, in April 2019

'65 **Alice L. Dupuit**, BEd, in January 2019

'65 **Barry Richard Felstad**, BSc(Ag), of Dapp, AB, in March 2019

'65 **Ronald Lloyd Fenerty**, BA, in October 2018

'65 **Deanne Marie George (Stepchuk)**, BEd, of Edmonton, AB, in September 2018

'65 **Leo Dennis Heber**, BEd, of Edmonton, AB, in March 2019

'65 **William Ronald Hewins**, BEd, in February 2019

'65 **Stanley Gordon Peck**, BA, '68 LLB, of Edmonton, AB, in May 2019

'65 **Suzanne Adele Barry**, BA, in October 2018

'65 **Leslie Turnbull**, Dip(Nu), in March 2019

'65 **Terrance Gordon Wright**, BCom, of Edmonton, AB, in March 2019

'66 **Jean Abigail Bomarito (Hogg)**, Dip(Nu), of Lake Oswego, OR, in December 2018

'66 **Douglas Percival Gaudin**, BEd, in April 2019

'66 **John David R. McPhail**, BCom, of North Vancouver, BC, in April 2019

'66 **Caroline Margaret Oliver**, Dip(DentHyg), in January 2019

'66 **Maryon Margaret Petrie**, BEd, of Calgary, AB, in April 2019

'67 **Malcolm Evo Blasetti**, DDS, of Okotoks, AB, in April 2019

'67 **Ernest John Bremner**, BSc(CivEng), in March 2019

'67 **William Charles Buss**, MSc, of Albuquerque, NM, in December 2018

'67 **Flora Elizabeth Campbell (MacLeod)**, BA, of Edmonton, AB, in April 2019

'67 **Allan Howard Cunningham**, BEd, of Ardrosson, AB, in March 2019

'67 **Robert Hedley Eccleston**, BSc(ElecEng), of Calgary, AB, in February 2019

'67 **William Douglas Kobluk**, BA, '69 BEd, '80 Dip(Ed), of Edmonton, AB, in April 2019

'67 **Kenneth William Leech**, LLB, in July 2018

'67 **Maurice Donald Mandrusiak**, BEd, '71 BA, of Calgary, AB, in March 2019

'67 **Gertrude McLaren (Bloor)**, BA, of Calgary, AB, in September 2018

'67 **Kenneth Karl Pfannmuller**, BSc(Ag), '70 MSc, of Edmonton, AB, in March 2019

'68 **William Alexander Coull**, BEd, of Victoria, BC, in May 2019

'68 **Joyce June Fraser (Tannas)**, BEd, of Edmonton, AB, in February 2019

'68 **Arthur William Nixon**, BEd, of St. Albert, AB, in February 2019

'68 **Annalene Mae Reedyk**, Dip(PHNU), in January 2018

'68 **Maria Alina Romanko**, BEd, of St. Albert, AB, in December 2018

'68 **Joyce Grace Stuparyk**, Dip(Nu), in February 2019

'68 **Sarah Joan Trettler (Huston)**, BEd, '81 MEd, in January 2019

'69 **Roderick Edwin Haverslew**, BSc, '76 MSc, in March 2019

'69 **Edward Stanley Holmes**, BSc, '71 MD, of Edmonton, AB, in March 2019

'69 **Patricia Margaret Edith Loewen (Reid)**, Dip(PHNU), of Calgary, AB, in January 2019

'69 **Dennis Wayne Remington**, BSc, '69 MD, of Spanish Fork, UT, in January 2019

'69 **Lynda Susan Sallis**, Dip(Nu), in March 2019

'69 **David Tjart**, BA, '71 Dip(Ed), '71 BEd, '76 MEd, of Edmonton, AB, in April 2019

1970s

'70 **Margaret-Ann Armour**, PhD, '13 DSc (Honorary), of Edmonton, AB, in May 2019

'70 **Kenneth Wayne Auch**, BEd, '75 Dip(Ed), '79 MEd, of Edmonton, AB, in November 2018

'70 **Richard Earl Berkley**, PhD, of Hillsborough, NC, in January 2019

'70 **Shirley Ann Horon (Tomashavsky)**, BEd, of Sherwood Park, AB, in February 2019

'70 **Ron E. Lakusta**, BEd, of Sherwood Park, AB, in October 2018

'71 **Werner Erhard Brozek**, BSc(MetEng), '72 Dip(Ed), in October 2018

'71 **Ludwig Daubner**, BPE, '73 Dip(Ed), of Edmonton, AB, in July 2018

'71 **Malcolm Ernest Dorin**, BCom, of Vegreville, AB, in March 2019

'71 **Bernadette Dube**, BEd, in March 2019

'71 **Kenneth Michael Edwards**, BCom, in February 2019

'71 **Marian Elizabeth Horn**, BLS, '78 MLS, of Nanaimo, BC, in March 2019

'71 **Michael Christopher Klinzmann**, BEd, '74 Dip(Ed), '76 MEd, in January 2019

'71 **Krystyna Mary A. Kunicki-Tadman**, BA, of Edmonton, AB, in March 2019

'71 **Denis Joseph Magnan**, BA, in March 2019

'72 **Robert Wesley Calvert**, BA, '73 LLB, of Calgary, AB, in May 2019

'72 **Marie Melanie Fraser (Ross)**, BA(RecAdmin), in February 2019

'72 **Marshall Rhyan Mithrush**, BSc, '76 BSc(Forest), of Edmonton, AB, in May 2019

'72 **Dalton Irwin Philip**, BEd, of Edmonton, AB, in May 2019

'73 **Annabelle Mae Bourgoin**, BEd, '75 Dip(Ed), of Edmonton, AB, in March 2019

'73 **Peter Cornelius Doonanco**, BEd, '80 Dip(Ed), of Glendon, AB, in February 2019

'73 **Diane Patricia Grice**, Dip(Nu), '89 BSc(Nu), in October 2018

'73 **Maureen Gail Miller-Nielsen**, BEd, of Cold Lake, AB, in October 2018

'73 **John Donald Payzant**, PhD, of Edmonton, AB, in March 2019

'73 **Theophilus Ronald Poots**, BEd, of Sherwood Park, AB, in April 2019

'73 **Linda Lucy Sodergren**, BEd, of Sexsmith, AB, in March 2019

'73 **Dianne Bernadette Wensveen**, BEd, of Lethbridge, AB, in February 2019

'73 **Eleanor Elsie Wilson**, BEd, of St. Albert, AB, in April 2019

'74 **Norman Lloyd Carlson**, BSc, '91 MHSA, in February 2019

'74 **Bill Allen Herman**, MSc, of Richmond, BC, in April 2019

'74 **Subhashchan Moreshwar Karnik**, PhD, of Edmonton, AB, in November 2018

'74 **Lorne Curtis McFayden**, LLB, in February 2019

'74 **Jesse Brent Olsen**, BSc(Forest), of Kamloops, BC, in January 2019

'74 **Harvey Reinard Ramstead**, MEng, of Calgary, AB, in February 2019

'74 **Andrew Nicholas Rencz**, BSc, in January 2019

'74 **Denis Andrew Roy**, BSc(CivEng), in April 2019

'74 **Robert Gordon Wilson**, PhD, of Toronto, ON, in May 2019

'74 **Lawrence J. Worobetz**, BSc, of Sherwood Park, AB, in December 2018

'75 **Teresa Cecilia Adamson**, BSc(Speech/Aud), '98 MScSLP, of Calgary, AB, in May 2019

'75 **Marlene Lawrence**, BEd, in January 2019

'75 **Valerie Anne Perry**, BA, '78 BEd, of Salt Spring Island, BC, in March 2019

'75 **Veronica Lynne Schroder**, BEd, of Barrhead, AB, in October 2018

'75 **Heather Joy Walker (Thomson)**, BSc(Pharm), of Calgary, AB, in December 2018

'76 **Joseph Dennis Boisvert**, BSc(Spec), of Edmonton, AB, in January 2019

'76 **Deborah Marjorie Knall (McLeod)**, BEd, of Edmonton, AB, in May 2019

'76 **Rena Gertrude Pinckston**, BA(Spec), of White Rock, BC, in March 2019

'76 **Adam Christopher Zorniak**, BEd, in December 2018

'77 **Jean Marjorie Draker**, BSc(Nu), in February 2019

'77 **Sonja Minna Margaret Leiler (Stamp)**, BEd, of Wembley, AB, in September 2018

'78 **Andrew Joseph Herklotz**, BEd, of Edmonton, AB, in February 2019

'78 **Dwayne David Jiry**, BEd, of Edmonton, AB, in January 2019

'78 **Jane Rosemary Rudkin**, BA, in January 2019

'79 **Elizabeth Calleen Budd (Palmer)**, BEd, of Edmonton, AB, in July 2018

'79 **Stephen Michael L'Heureux**, BEd, of Edmonton, AB, in November 2018

'79 **Helene Claire Long**, BA, of Calgary, AB, in February 2019

'79 **Joyce Elaine Rushton**, BSc(Spec), in December 2018

'79 **Gladys Juvernia Taranger**, BEd, in February 2019

'79 **Frederick Gordon Tully**, BSc(CivEng), of Leduc, AB, in March 2019

1980s

'80 **Eleanora Mathilda Esslinger**, BSc(Nu), of St. Albert, AB, in April 2019

'80 **Gail Kathryn Jennings**, BSc(HEC), '84 MSc, of Victoria, BC, in February 2019

'80 **Margaret Jeanne Moher-Bjornson (Moher)**, BEd, of Edmonton, AB, in April 2019

'80 **Thomas Wesley Pue**, LL.M., in April 2019

'80 **Barbara Anna Szykowski**, BEd, '86 BA, of Edmonton, AB, in December 2018

'81 **Mavis Rose-Marie Hamilton**, BEd, in May 2019

'81 **Gary Michael Lakusta**, BCom, in March 2019

'82 **Alice Fodchuk**, BEd, of Vegreville, AB, in April 2019

'82 **Dianne Marie Lubinski (Parfett)**, BSc, in July 2018

'82 **Bernice Sharon Magee**, BSc(Nu), '85 MNu, of Edmonton, AB, in May 2019

'82 **Margaret Stephanie Murray**, BSc(Nu), of Bellingham, WA, in August 2018

'82 **Leonora Patterson**, BA, of Sechelt, BC, in March 2019

'82 **Lise Edith Smith (Villeneuve)**, BA, '84 BEd, in October 2018

'82 **Roy Allen Zinger**, BA, '86 LLB, in February 2019

'83 **Elaine Marie Sax**, BCom, of Calgary, AB, in March 2019

'84 **Barry Douglas Scott**, BSc(Spec), '86 BEd, of Calgary, AB, in April 2019

'85 **Michael Patrick O'Hea**, BA(Hons), '88 MA, '96 PhD, '01 BEd, of Edmonton, AB, in March 2019

'85 **John Cornelius Van Damme**, PhD, of London, ON, in February 2019

'85 **William James Van Scheik**, PhD, in January 2019

'86 **Marjorie Elaine Ebanks**, BEd, of Edmonton, AB, in March 2019

'87 **Maxwell Alexander Edgar**, BCom, of Innisfail, AB, in April 2019

'87 **Howard Donald Ruttan**, BSc, '92 BEd, in November 2018

'88 **Tom Grant Baptie**, MSc, '90 MBA, of Mahasarakham, Thailand, in April 2019

'88 **Heather-Ann Laird**, BA(Spec), '90 MLIS, of Victoria, BC, in February 2019

'88 **Rhonda Lynette Reiersen (Robins)**, BEd, of Innisfail, AB, in February 2019

'89 **Carleton Derek Leggo**, PhD, in March 2019

1990s

'91 **Grace Guyon**, BSc(Nu), of Edmonton, AB, in January 2019

'91 **Bohdan Walter Krushelnycky**, PhD, in March 2019

'92 **John Alexander Alsoszatai-Petheo**, PhD, of Ellensburg, WA, in February 2019

'92 **Dawn Marie Carlsen (Woytowich)**, BA, of Camrose, AB, in February 2019

'92 **Darcy Delisle**, BSc(Ag), of Edmonton, AB, in July 2018

'92 **Ninele Jackson**, BEd, of Edmonton, AB, in September 2018

'92 **Josepha McEachern**, BEd, in December 2018

'93 **Dale Harvey Hawn**, BCom, in March 2019

'94 **Darcy Michael Belanger**, BEd, of Bishoftu, Ethiopia, in March 2019

'94 **Dogoni Cisse**, PhD, of Durham, NC, in December 2018

'94 **Isaac Edward Leonard**, BSc(Spec), of Edmonton, AB, in January 2019

'94 **Taras Michael Szmihelsky**, BEd, of Edmonton, AB, in April 2019

'94 **Lesley Ann Young**, BA, in April 2019

'95 **Terence Alexander Huculak**, BA, of Edmonton, AB, in January 2019

'95 **Sonja Elaine Johnson**, BSc(OT), of Red Deer, AB, in March 2019

'95 **Michael Hunt Jones**, PhD, of Milwaukie, OR, in May 2019

'95 **Joelle Andree Roy**, BCom, in February 2019

'96 **Darren Beuerlein**, BA, in May 2019

'98 **Linda Laura Foti**, MEd, '05 PhD, in February 2019

2000s

'00 **Nicole Marie Mork**, BEd, in May 2019

'01 **Jason Christopher Houncaen**, BSc(MechEng), '06 MBA, of Edmonton, AB, in May 2019

'01 **Vincent Napoleon Steinhauer**, BPE, '04 MA, of Saddle Lake, AB, in February 2019

'02 **Mary Bernice Brereton**, BSc(Nu), of Saddle Lake, AB, in January 2019

'04 **Shirley Louise Simmonds**, BEd, in April 2019

'09 **Carina Garcia Palanca**, BSc(CompEng), in January 2019

2010s

'11 **Joe Schlesinger**, DLitt (Honorary), in February 2019

'16 **Jeremy Matthew Kupsch**, BCom, in January 2019

If you've lost a loved one who is a University of Alberta alumnus, contact alumni records at alumrec@ualberta.ca, 780-492-3471 or 1-866-492-7516.

thehub

ATTEND / VOLUNTEER / LEARN / BENEFIT

SPEAKER'S CORNER

HEALTHY LIVING, NORTH OF 60

By **Therese Kehler**

Tradition plays a big role in healthy living in the North—and it is important for traditional values to be appreciated by all Canadians on both sides of the 60th parallel, says Sangita Sharma, a professor and Indigenous health researcher. Sharma's work in the Northwest Territories (funded in part by the Canadian Institutes of Health Research and the Canadian Cancer Society) has looked at nutrition, cancer screening and Indigenous seniors' health in partnership with elders, community advisers and territorial agencies. "This is actually the research that the community wants," she says. "It's a chance in a lifetime to work with the most amazing people in a beautiful setting to ensure health and wellness."

Here are several ways Sharma and the team are working with communities in the Arctic.

COUNTRY FOODS: Ptarmigan to bears, whales to fish. A surge in on-the-land programs for Indigenous youngsters is encouraging more nutrient-dense (and delicious!) traditional diets, not to mention increased physical activity, says



Sharma. Being on the land is also an opportunity for young people to spend quality time with elders, helping ensure that wisdom is passed from generation to generation.

FREEZER GOLD: In the Northwest Territories, fresh produce is not always available and it can be incredibly expensive. Frozen can be much cheaper, more adaptable and easier to incorporate into meals, says Sharma. Lentils are another ingredient that has found success, especially when added to caribou soups and stews.

SUNSHINE VITAMIN: To better absorb calcium and promote bone growth, you need vitamin D, which your body makes in the presence of

sunlight. But sun isn't the best provider in a northern climate. A traditional diet, however, provides vitamin D from liver, seal meat, whale blubber and fatty fish.

SOUTHERN COMFORT: It can be challenging for someone from the Northwest Territories to travel to Alberta for medical care, which means being far from home without family members and a support network, says Sharma. When medical professionals understand these circumstances, they can play an important role in making the patient feel more comfortable.

Sharma is one of many speakers to share expertise at alumni events. Visit ualberta.ca/alumni/events.



@JMVandenberghe: Volunteering as part of @UAlbertaAlumni council today - @UAlberta has some of the most beautiful views of #YEG! #greenandbold #dogreathings

JESSICA VANDENBERGHE, '00 BSC(CHEMENG), '03 MSC



DON'T MISS OUT ON ...

ALUMNI WEEKEND

Come back to campus, reconnect with friends and be a part of the great things happening at the U of A at Alumni Weekend. There are plenty of activities planned for you, your classmates and your family. Find out more at uab.ca/aw2019.



@DeanALES_UofA: Another great @UAlbertaAlumni event @Spruce_Meadows with a large group of @UofAALES alumni & supporters. Even if the weather was a bit dreary the facility & jumpers were in excellent form. @ualberta #ualberta19 #yyc

STANFORD BLADE, '81 BSC



84



Recordings released by U of A Mixed Chorus in its 75 years. The Mixed Chorus Alumni chapter has raised more than \$120,000 to support the group. uabgrad.ca/chapters

554

grads honoured with an Alumni Award in the program's 25-year history. Request your complimentary tickets to this year's awards at uab.ca/aw2019.



Be Social

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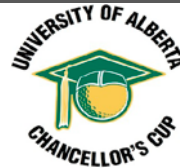
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smalltalk



Downtime Destinations

➤ You've got two hours between classes. Where do you go to relax, study or catch up with friends? Fall asleep in HUB? Hide out in the library? Lounge in the *salon des étudiants*? We asked grads to tell us about their favourite hangouts. Find more or share your own at facebook.com/UAlbertaAlumni.

The pool hall and curling rink in the basement of SUB.

—Tina James, '70 BA, '71 BLS

The First Year Engineering Students' Club office in 1990, located in the old South Lab, had a well-stocked (and likely very illegal) beer fridge. It was a great place to laugh, yell, complain and cheer — and it helped me get through first year!

—Dean Chan, '95 BSc(MechEng)

Playing Raiden on one quarter at the arcade in HUB before a big test.

—Anthony Puhjera, '98 BSc, '98 BEd

Dewey's in HUB Mall. It was our Cheers; it seemed like you could drop in any time and find a friend, and they knew us by name. —Jason Cobb, '96 BA

CAB cafeteria at lunchtime, which would often extend into the afternoon, to play bridge. Often when the fourth player would get up to leave for class, we would say, "Stay!" in order to keep playing.

—Valerie Ling, '85 BEd, '92 Dip(Ed)

SUB music listening room, with its ultra-mod chairs. Select an album at the desk, slip into your personal pod and put on your headphones.

—Scott Rollans, '82 BA, '17 MA

I had a kettle in my locker in the pedway between HUB and Rutherford, so I would plug it in near the vending machines and make tea for me and my friends. Weird place to hang out, and probably weird to see someone filling up a kettle in the bathroom, but Locker Tea was a common occurrence.

—Dorothy Hamilton, '17 BA

My daughter, a new education grad, discovered the lounge on the 10th floor of Education Centre North and told me about it. I told her that we are more alike than we think, as that was my favourite place when I attended in the late '80s!

—Krista Mukanik Ketsa, '89 BEd



When I first got to university, I would meet my future husband in the TV lounge, where we would eat a sandwich and an apple as we watched *Star Trek* and *The Love Boat*. Then off we would go, he to his evening class and me to my upgrading classes.

—Kim Lang, '91 BEd



The old Rutherford Library, reading in those ancient leather chairs. I'd nod off with my ear against the leather and I'm sure I heard something moving inside.

—John Berry, '14 Cert(OccHealthSafety)



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ALUMNI

SEPT. 20



THURSDAY, SEPT. 19

Alumni Awards

Celebrate the diverse accomplishments and contributions of the U of A's outstanding grads.

FRIDAY, SEPT. 20

Class of '69 Cap 'n' Gown

Grads of 1969 don their mortarboards and collect a 50th anniversary medallion at historic Convocation Hall.

What Will Your Legacy Be?

Learn how you can make an impact on future students and research at the U of A.

Golden Bears Hockey & Block Party

Pump up your green and gold spirit with food and fun before the puck drops between the Bears and the Calgary Dinos at Clare Drake Arena.

SATURDAY, SEPT. 21

Kids on Campus

Enjoy a full day of family fun all around campus, including live music, science and engineering activities, and more!

U of A in a Day

No studying. No exams. Learn for the fun of it with our line-up of lectures, tours and interactive displays.

Relax Damn It! Healthy and Happy in the Age of Anxiety

Hear from professor, author and TV host Tim Caulfield to find out how our misperceptions of the world cause us to waste time and money.

Golden Grads Dinner

Grads of 1979 and earlier salute their class in style at this evening of fine dining and dancing.

Golden Bears Football

Enjoy the crisp fall air and cheer on the Golden Bears as they take on the Saskatchewan Huskies.

19-22 19 WEEKEND



SUNDAY, SEPT. 22

Rutherford Galleria Tours

Explore items on display from the University of Alberta Archives on this free tour.

UAlberta Music Concert

Enjoy an afternoon of music presented by the Symphonic Wind Ensemble and University Symphony Orchestra.

AND MORE

Check the website for a full listing of activities where you can catch up with fellow alumni, including:

- **Faculty and class reunion events**
- **Tours**
- **Campus and community recreation activities**
- **Food trucks in Quad**

**For more info or to register,
visit uab.ca/AW2019**

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