

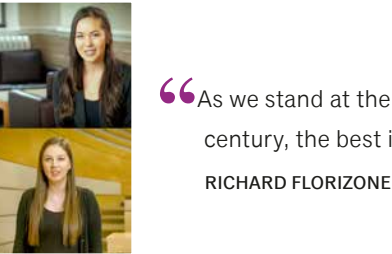




“Celebrations have provided us with an opportunity to look back, and to appreciate the vision and dedication of those before us.”  
DAVID ANDERSON, Dean, Faculty of Medicine



“Let our hearts, minds, and sense of spirit be committed to the next seven generations of people and landscape. Let us carry the fire onwards.”  
SHALAN JOUDRY, Artist and Storyteller



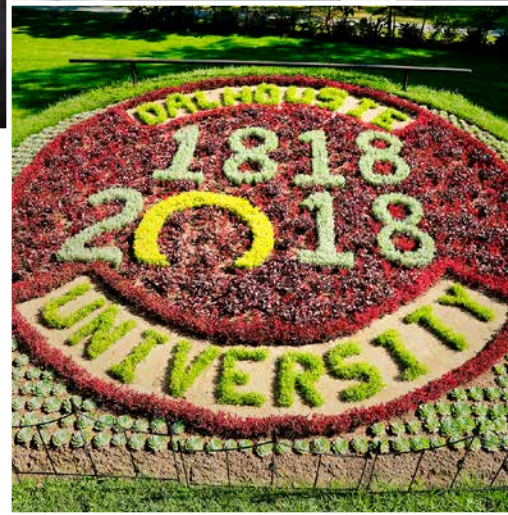
“As we stand at the dawn of our third century, the best is yet to come.”  
RICHARD FLORIZONE, President Emeritus



“This has been a remarkable year for Dalhousie.”  
MAYANN FRANCIS, former Lieutenant Governor of Nova Scotia and Distinguished Public Service Fellow, Faculty of Management



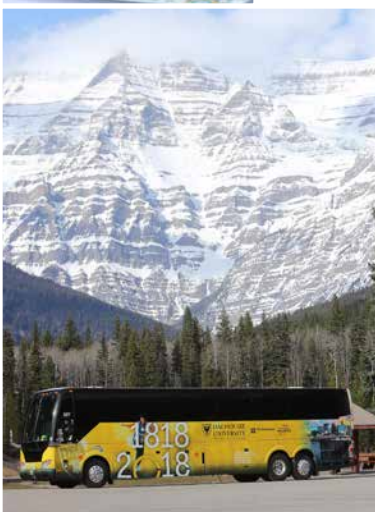
“The biggest obstacle is if we stop talking—if we don't try and challenge ourselves to hear different voices.”  
HOWARD RAMOS, Professor and Associate Dean of Research, Faculty of Arts and Social Sciences





“No matter where you are, whether you're off campus or in residence, you are a part of this community.”

AARON PROSPER, Dalhousie Student Union President 2018-19



“Dalhousie has such an important role to play — as an innovator, as a research leader, as a community builder, as a hub to bring people together and inspire great things.”

CLAUDIA GUTIERREZ PEREZ, BA '18



# Into our third century

It has been a remarkable year.

Celebrating Dalhousie University's past 200 years has inspired us to look forward. To imagine the next 200 years, and begin work on the great things we will carry into the future. As Atlantic Canada's leading research-intensive university, we help drive the region's intellectual, social and economic development. We also bring people together — a role that was expanded as we opened our doors to the surrounding community for a year of memorable events. By welcoming diverse perspectives and listening to different voices, we are working together to create a better tomorrow for all of us.

It was a year that set the foundation for possibility. Just **imagine** where we can go from here.

SPOTLIGHT ON STUDENT EXPERIENCE

# Breaking Barriers

“Whether it's through art forms like video games or on social media, hearing from every voice means we can work toward a more just society. Using technology that represents all of us to build a better society, that's the future I **imagine.**”

TABEA MARZLIN

When it comes to studying and working in technology-related fields, women are still in the minority. That's something the Faculty of Computer Science has been working hard to change, and their efforts are getting results.

When classes started this past September, there were more than twice as many female students entering undergraduate Computer Science programs than in 2016. Tabea Marzlin was among them as one of the 32 female undergraduate students who received the Faculty's new Women in Technology Scholarships. She's thrilled to be part of creating a new reality for women in the field.

“I think that men are often surprised that women have as much technical knowledge as we do,” Tabea says. “The more women we get in the field, the more we increase the representation, that will change. Having someone who looks like me in Computer Science would have definitely encouraged me, so I hope that I can do that for others.”

“I'm particularly interested in video games — that's my whole dream, to be a game developer — and that is really a very underrepresented field for women. I think you can see that in the kind of games we have: they're very male-oriented, the protagonists are male and the mechanics are often about war and shooting. There's so much more we can do with games.”





SPOTLIGHT ON TEACHING & LEARNING

# Respecting Differences

“What if academic space was more welcoming of different ways of being? **Imagine** if being in a university setting didn't mean that people had to learn how to be different types of people — if Indigenous students could just be themselves here and still be able to succeed.”

MARGARET ROBINSON

When Associate Professor Margaret Robinson began teaching Indigenous Studies courses, she brought a wealth of insight gained during her PhD research, and her time as a journalist — specifically, how to acknowledge and respect differing values and frameworks to enable full participation from all.

“It's been helpful to realize that academic space is colonial space and it's very classed space. And so being here is about learning to perform in particular ways that for a lot of students are outside their comfort zone,” she observes. “I think it's important that students understand that when they feel like they're failing, it's not because there's something wrong with them. It's because the system is designed to keep them out. I think once they see that, it enables some of the pressure to come off.”

With help from a Teaching and Learning grant, Margaret has been working to change her classroom space by incorporating the Mi'kmaq teaching styles and values she grew up with. She's had success with creating an environment that fosters mutual respect, encourages sharing above competition and ensures coursework and deadlines don't interfere with the learners' lives any more than necessary.

“Competition can be a great way to energize people but it also means that people tend to not want to cooperate with each other,” she explains. “I think we get more out of the classroom learning experience if we collect our learning together.”

SPOTLIGHT ON COMMUNITY PARTNERSHIP

# Building Bridges

“Imhotep's Legacy Academy (ILA) is inspiring young African Canadian learners to **imagine** themselves thriving in STEM careers. In addition to creating a diverse workforce of future professionals, ILA is developing role models for other African Canadian learners.”

SIDNEY IDEMUDIA, ILA Executive Director

Each year, more than 700 elementary, junior high and high school students from across Nova Scotia are served by Imhotep's Legacy Academy (ILA), a university-community partnership that helps encourage youth of African heritage to consider science, technology, engineering and mathematics (STEM) fields through engaging activities and meaningful mentorship.

The Honourable Tony Ince, MLA and minister responsible for African Nova Scotian Affairs, credits ILA with helping African Nova Scotian youth build the skills and confidence necessary for future academic success, “bridging the educational achievement gap, which unfortunately is a reality in many communities.”

This past year, ILA moved into a great new space on Sexton Campus. The move will give them more flexibility over scheduling, and will enable bigger, better and more engaging programs. The new 725-square foot makerspace features a designated 3D printing room, soldering stations, wet lab, and collaboration workstations.

“Every aspect of this space is designed to inspire,” explains Pemberton Cyrus, president of Imhotep's Legacy Academy and Dal's (acting) associate vice-president academic.

“I'm so happy to have access to this new incredible space that will provide more tools to support my love and learning of STEM even more,” says Eve Wedderburn, Grade 8 student at Oxford Junior High.





SPOTLIGHT ON A YEAR OF BELONGING

# Inspiring Change

“By participating in the things that continue to move us forward, we recognize that we build relations, we build friendships, we recognize — in spite of differences — we have more in common than we would **imagine.**”

RICK HANSEN

What does it mean to truly belong? And what does it take to create a world where we all feel like we truly belong?

Those were the guiding questions behind Dal 200's Year of Belonging, which put discussions and debates about diversity, equity and inclusion front-and-centre during the university's bicentennial celebrations.

Audiences turned out in large numbers to hear from disability activist Rick Hansen, songwriter and activist Buffy Sainte-Marie, Olympic champion Mark Tewksbury, MIT historian Craig Steven Wilder, Senator Murray Sinclair, animal scientist and autism advocate Temple Grandin and civil rights activist Angela Davis. Each speaker brought a unique and inspiring perspective on how to foster belonging.

"I think we all have that opportunity to walk into spaces where you find inspiration, or some kind of moral or social challenge, or some new body of knowledge. And the key thing is: what do we do with it when we leave? And I think we should all challenge ourselves to think about experience that way, as one that doesn't end when the session ends but when we incorporate what we've learned into our own lives and our own politics." – CRAIG STEVEN WILDER

"We can have different opinions and can look at the world differently, but if we don't have a base of respect then it's really hard to find a middle ground where we all can belong." – MARK TEWKSBURY

"Belonging means being comfortable inside the group and confident when outside of it. I think they're both very important." – BUFFY SAINTE-MARIE

# Year in Review

From research breakthroughs and innovation, to building more inclusive communities and reflecting on our history, our people and partners found many ways to make their mark in the past year.



## The Great Debate

One of the culminating events of Dalhousie's 200<sup>th</sup> anniversary celebrations, the Great Debate was moderated by author, speaker and science broadcaster Jay Ingram who bravely refereed what quickly became a passionate yet hilarious discussion. Team Space included former NASA astronaut Dr. Kathryn Sullivan, astronaut Joshua Kutryk, and astrophysicist Christian Marois. Debating for Team Ocean was Mark Abbott of the Woods Hole Oceanographic Institution in Cape Cod, marine biologist Antje Boetius, and Dal's own marine research ecologist Boris Worm.



## Dentist with a sweet tooth

Dal Dentistry prof Sachin Seth, director of group practice, was chosen from among hundreds of home bakers across Canada to compete in the second season of The Great Canadian Baking Show on CBC. Ten of Canada's best amateur bakers completed in three challenges each week with the top-performing contestant crowned "star baker" and another contestant sent home. Dr. Seth made it all the way to the competition's final three contestants — a testament to his impressive skills when it comes to sweets.



## Whale of a tale

When a 63-foot female blue whale — the largest animal species on Earth — was sighted floating off the coast of Nova Scotia, the loss was turned into a learning opportunity. The bones were brought to the Agricultural Campus in Truro and are currently undergoing a unique composting process to remove the grease, tissue and oils that are deeply embedded in the whale's skeletal structure. Once cleaned the bones will be mounted and displayed as a public education piece.



## Day of Active Learning

On June 28, 45 youth between the ages of 9 and 15 were welcomed to campus for a one-day camp involving organizations across Halifax including the Boys and Girls Club, Family SOS, the Take Action Society, Bayers Westwood Family Resource Centre and Veith House. The event was part of the Growing Communities series created by Dalhousie's Human Resources department and the Dalhousie Professional & Managerial Group to serve the community through access to Dal's resources, services and partners.



## Expanding the Tree of Life

When PhD candidate Yana Eglit examined a soil sample collected while on a hike near Halifax, she found not one but two different species of rarely-observed hemimastigotes, a group of microbes that hadn't yet been assigned a place on the Tree of Life. These two organisms would lead Eglit and a group of Dalhousie biologists from the Faculties of Science and Medicine to a rare discovery, published November 14 in *Nature*.



## Startup investment

A generous \$1.25 million contribution — \$250,000 a year for five years — from Invest Nova Scotia promises growth and longevity to the Creative Destruction Lab Atlantic (CDL-Atlantic). The unique program for science and technology startups in Atlantic Canada is a partnership between the University of Toronto's Rotman School of Management and Dalhousie University's Rowe School of Business that matches high-potential startups with experienced business leaders to provide expert mentoring and leverage investment.



## Truth & Reconciliation

The first East Coast hub of the National Centre for Truth & Reconciliation (NCTR) was created in the Indigenous Community Room of the MacRae Library on the Agricultural Campus in Truro to encourage education and awareness about Indigenous history and serve as a constant reminder to students, faculty and staff of the university's commitment to reconciliation. Through this partnership Dalhousie Libraries will ensure the NCTR's archives are more accessible and better used in the Atlantic region.



## Fitness Centre opening

Dalhousie students and other Dalplex members were welcomed into the new \$23.3-million fitness centre. The 57,000-square-foot modern, light-filled space includes fitness studios, new locker rooms and a grand fitness hall with 74 new pieces of cardio equipment. It's a facility built by listening to what students, faculty/staff and community members have been asking for, and it will allow for a whole new slate of accessible programming that matches interest and need better than ever before.



## Planting 200 trees

On June 9, a group of 50 students, alumni, faculty and staff, along with their friends and families, kicked off the planting of 200 trees to celebrate Dalhousie's 200<sup>th</sup> anniversary. The effort was led by urban forest expert Peter Duinker from the School for Resource and Environmental Studies, who partnered with the Halifax Regional Municipality, Dalhousie Facilities Management and the Dalhousie Office of Sustainability.



## Catalysts for change

The mandate of the Indigenous Blacks & Mi'kmaq (IB&M) Initiative within the Schulich School of Law is to reduce structural and systemic racism and discrimination in the legal profession by increasing the representation of African Nova Scotian and Mi'kmaq, as well as other Black and Indigenous students. In 2018, we celebrated the 200<sup>th</sup> graduate of the IB&M Initiative thanks to the tireless efforts of community supporters, students, alumni, faculty and staff.



## Barley Arch unveiling

In celebration of the bicentennial anniversary, the Faculty of Agriculture unveiled the Barley Arch, a 10-foot tall arch that will frame the entrance to the Alumni Gardens, just off the MacRae Library parking lot. The arch mirrors the design of the ever-popular Barley Ring (the Agricultural Campus's official ring) and mimics the sunrise in the 200<sup>th</sup> logo. It was a gift from the Agricultural Campus Alumni Association, with contributions from the Dalhousie Agricultural Students' Association.



## Frailty and dementia

PhD candidate Lindsay Wallace, lead author, and her supervisor Dr. Kenneth Rockwood at Dalhousie have found that frailty, more so than amyloid plaques and tangles in the brain, is a key risk factor for developing Alzheimer's disease and other forms of dementia. Published in *Lancet Neurology*, it's the first study to examine amyloid plaques and tangles in post-mortem brain tissues in relation to both the subjects' frailty index and the severity of their dementia symptoms when they were alive.



## Royal researchers

Nine of Dalhousie's researchers have been recognized by the Royal Society of Canada (RSC) for their outstanding scholarly, scientific and artistic achievement. With six new RSC Fellows and three new Members of the College of New Scholars, Artists and Scientists, it is the largest cohort from Dal to ever be inducted into the RSC. This year's new Fellows and College members were formally inducted into the RSC during the annual Celebration of Excellence and Engagement, which was hosted by Dalhousie.



## An ode to the anniversary

*The Eagle and Shield*, a new ceremonial composition for Dal's anniversary by alumnus Paul St-Amand (BComm '04) was chosen from among 24 submissions in an open call, to honour Dal's bicentennial anniversary. Its first public performance was part of the February 6 Bicentennial Launch event, courtesy of the Maritime Brass Quintet who also performed the piece as part of Convocation ceremonies in 2018.



# Imagining the Future

Dalhousie is more vibrant and connected than ever. To create a future where everyone can thrive, we need to come together and learn from the knowledge and skills of the communities that shape us.

In 2019, Dalhousie is committed to implementing an Indigenous Strategy and African Nova Scotian Strategy, and to supporting the diverse individuals and communities who find their place at Dalhousie. We are dedicated to fostering both new and existing community partnerships that serve the region and the world.

After 200 years, our legacy lives in our people and the impact we make together. We know the opportunities and challenges we face are too large for any one university, one sector or even one country to tackle alone.

By coming together, we create a better future. **Imagine** what we can do next.