



Enhancing our impact

Inspiring Future-Ready Leaders

We aspire to provide our students with an exceptional learning experience that empowers them to reach their potential for science in a fulfilling career. When our students have an experience full of exploration, practical skill building and access to some of the world's leading researchers, they graduate as skilled, innovative and community-minded citizens who make meaningful contributions to society.

1. Increase financial support for undergraduate and graduate students—\$4M

Access to financial support enables our students to focus their energy on being the best student they can be, without worrying about paying their bills. We envision an expanded financial support program that removes barriers, creates opportunities and inspires students to achieve their goals. Through this campaign, we will enhance financial support for undergraduate and graduate students to ensure their success and enable their groundbreaking research.

2. Increase opportunities for experiential learning and research—\$1.1M

Experiential learning has a profound impact on students. It brings their classroom learning to life, teaching valuable skills, giving them confidence in their abilities and strengthening their passion for their chosen field. Our goal is to create an experiential learning opportunity for all students. These experiences may include internships, field trips, research positions, conferences and public engagement.



I'M EXCITED TO INSPIRE A NEW GENERATION OF OCEAN SCIENCE LEADERS.

—RUBY YEE

Where experience meets innovation

Ruby Yee is a PhD student who is passionate about addressing climate change. She's gained hands-on experience in tackling this challenge through ocean-based carbon dioxide removal research projects with Ruth Musgrave, Dalhousie's Tier 2 Canada Research Chair in Physical Oceanography. Yee says the value of this work goes beyond protecting the ocean and the planet.

"I've gained practical skills and knowledge in the field of oceanography during my time at Dalhousie. That will open doors for me, whatever career I choose. I've also had opportunities to bring high-school students into the field with me. I'm excited to inspire a new generation of ocean science leaders to find solutions to climate change."



Where support meets ambition

Science student **Lily Coates** has always dreamed of making a difference in the lives of others. Much to her delight, the generosity of the Dalhousie community is helping to make her dream come true.

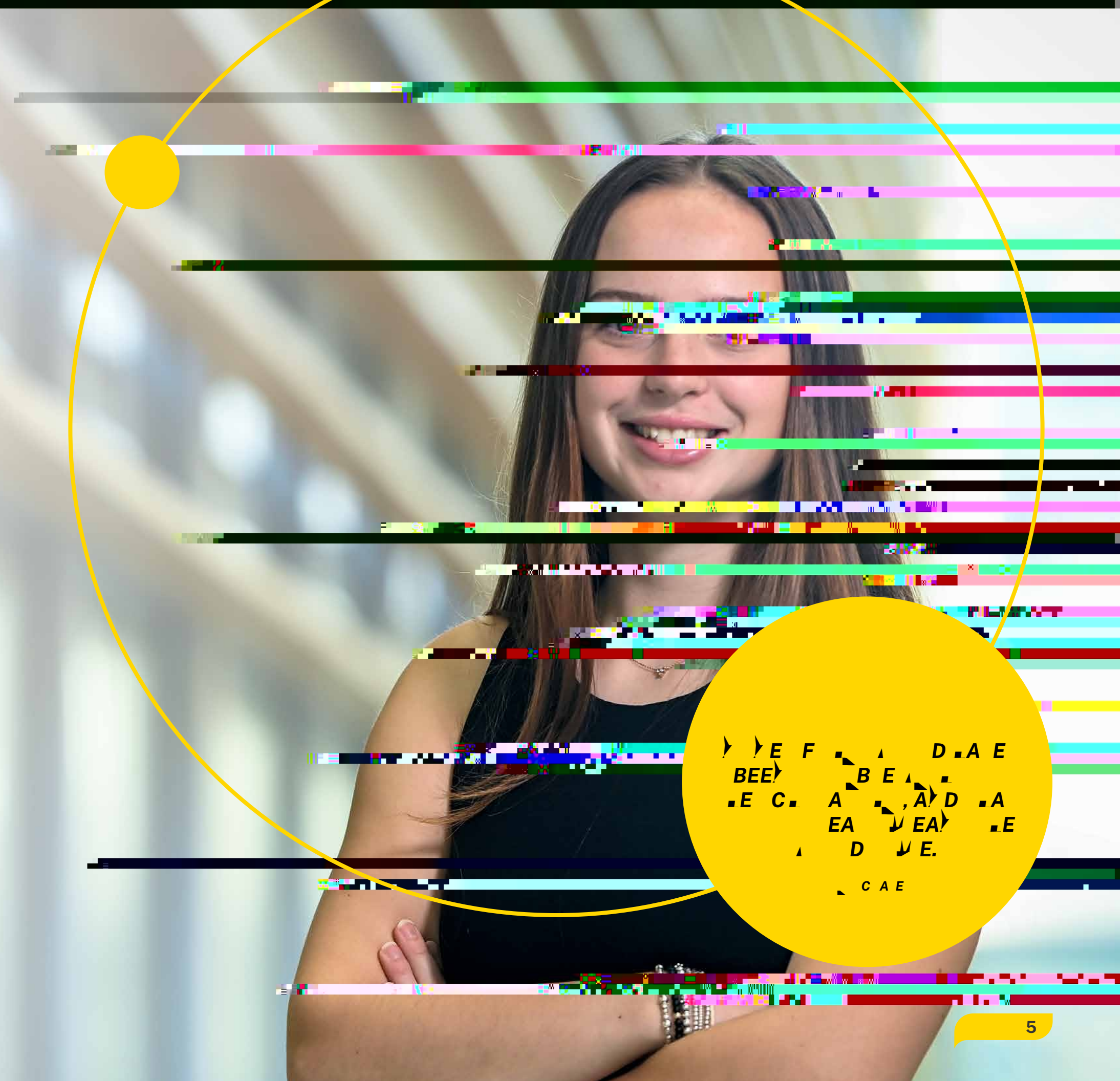
“I knew I wanted to do something in science that would open the doors to a health-care profession,” Coates says. “I did a microbiology research project through the Dal Integrated Science Program and realized it was the right fit for me, so I made it my major.”

But finding time to devote to her studies proved challenging for Coates, who was working part-time to help make ends meet. That changed when she discovered that she had received a Mary Margaret MacNutt Undergraduate Scholarship. The scholarship supports aspiring scientists like Coates in pursuing their passion just as Dal supported MacNutt in pursuing hers.

“It’s amazing that someone decided to give the gift of financial freedom so I could focus on my studies and do what I love,” Coates says. “I’ve really been able to make the most of my university experience.”

The scholarship also freed Coates to spend more time working on a groundbreaking honours project that really excites her. She is looking for novel therapeutic targets that can ultimately be used to treat breast cancer with Dalhousie microbiology and immunology professor Paola Marcato, the Canadian Breast Cancer Foundation-Atlantic Region Endowed Chair in Breast Cancer Research. Coates believes it could change the lives of millions, as well as hers.

“This project is providing me with experience that will help me continue my education in science or in pharmacy,” Coates says. “None of this would have been possible without the scholarship, and that support really means the world to me.”



1. Physical Sciences Centre —\$75.8M

Our researchers are making groundbreaking discoveries in areas of advanced energy storage, clean materials and sustainable practices. To ensure our continued leadership in this field, we will construct a new Physical Science Centre. Equipped with state-of-the-art technology, this modern facility will be a hub for climate technology research at Dalhousie. It will accelerate sustainable solutions and enhance interdisciplinary collaboration with faculties such as Engineering and Agriculture. It will enable us to increase opportunities for post-doctoral studies in climate technology and increase our research capacity. It will create opportunities for students to have access to some of the most innovative thinking and approaches in the country, and graduate with the skills and abilities to be the next generation of climate leaders.

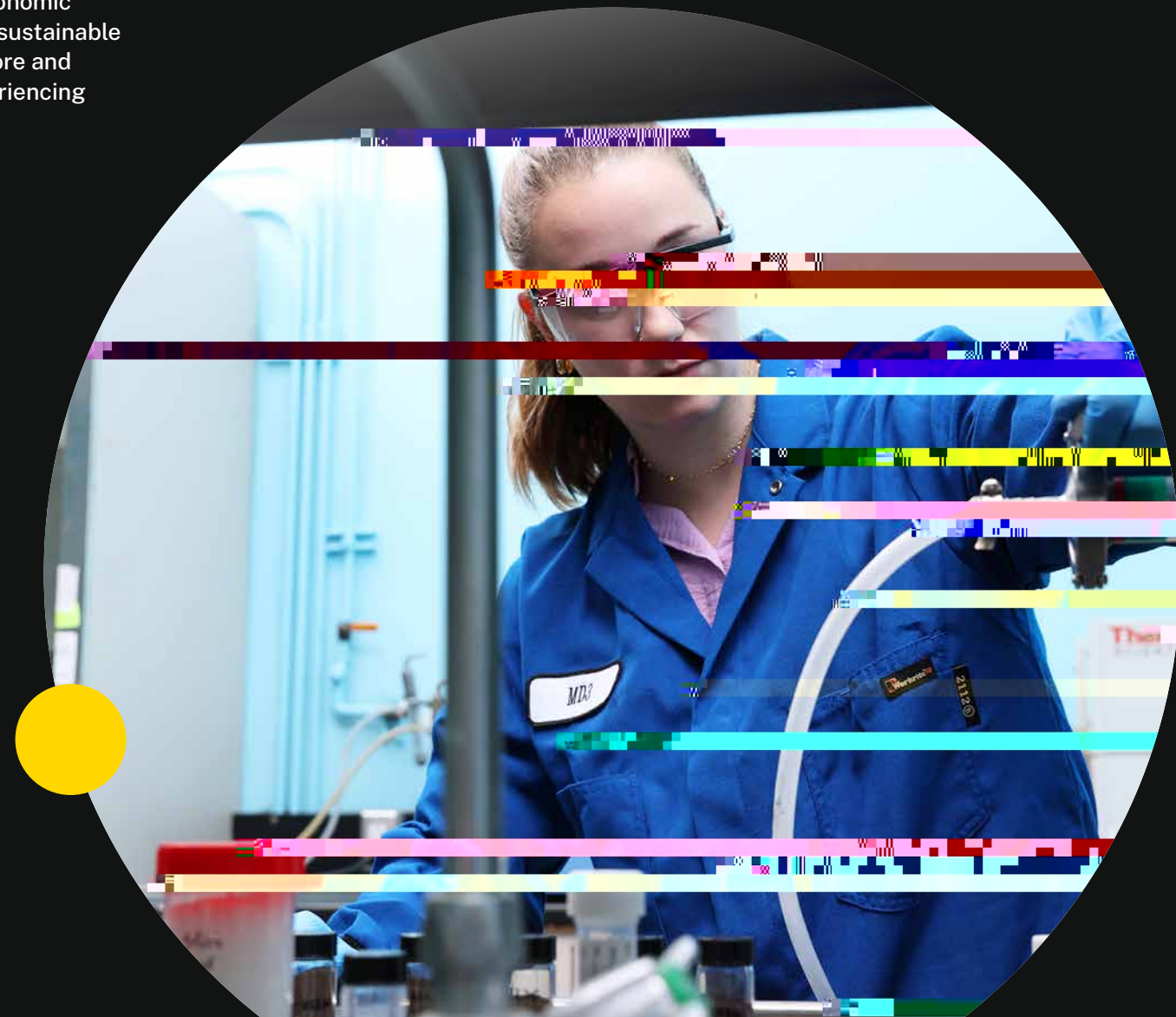
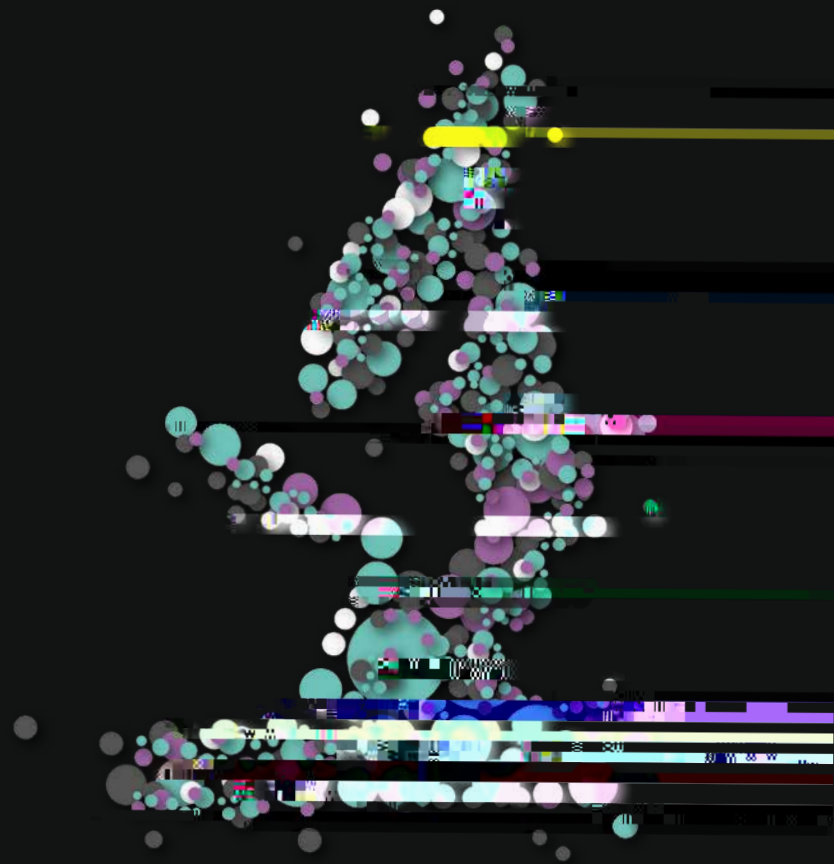
2. Commercialization support and climate technology adoption research—\$15.6M

We will establish a Climate Technology Innovation Hub to increase support for the commercialization of climate technology developed at Dalhousie. Modeled on the Emera ideaHUB, it will provide researchers with access to spaces, equipment and programs to bring innovative technology to market and grow the green economy. To ensure a just and sustainable transition to net-zero operations, we will create a Low-Carbon Transition Unit. This research

unit will focus on how integrating socio-technical dynamics into climate technology development can support an efficient transition to a low-carbon economy.

3. Advancing ocean research —\$6M

The ocean is one of our greatest opportunities to address climate change, food insecurity and economic sustainability. Our expertise in sustainable ocean research is becoming more and more critical as Canada is experiencing



Creating a better future together

The campaign will enable the Faculty of Science to create an exceptional student experience that equips the next generation of science leaders with the skills, experience and knowledge to make ground-breaking discoveries and build a better future for all.

Together, we will provide an enhanced student experience, rich in hands-on learning opportunities, and enable the continued pursuit of excellence. We will continue to expedite research that has far-reaching impacts on our daily lives. And we will make a meaningful impact on our communities. With your gift, we can create innovative solutions that will make a difference in the world.

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