

A construction worker wearing a black hard hat, safety glasses, a black t-shirt, and work pants is working on a structure. He is holding a red power drill in his left hand and has his right hand on a vertical metal rod. The structure features large, curved, tan-colored panels. The background shows a metal grid and some wooden beams.

***nsc***  
***REPORT TO THE  
COMMUNITY*** 2019



## PRESIDENT AND BOARD CHAIR MESSAGE

As Nova Scotia's Community College, what allows us to live our mission is our continual community and industry outreach and our responsive program development and renewal cycle. This ensures that our educational offerings remain innovative, high quality and tightly aligned with the province's labour economy.

This year, we seized on this commitment through a number of landmark initiatives, programs and policies outlined in **Here and Now**, the College's Strategic Plan.

Achieving these goals has not only helped equip our grads with the abilities they need to find success in the skills economy of the future, it's created valuable new routes to the College for diverse learners, communities and industry partners.

We also formed a significant partnership with Engage Nova Scotia to better understand the interconnectedness of the aspects of provincial wellbeing and the future work of the College.

As a proud champion of the **Quality of Life Initiative**, we recognize that Nova Scotia's economy and quality of life are intertwined.

By pairing the data captured through the **One Nova Scotia Collective** with the insights offered by the Quality of Life Survey, we're gaining a better understanding of what must be accomplished – collectively – to inspire sustainable, vibrant, resilient communities from Brier Island to Main-a-dieu.

This unprecedented, public dialogue has the added benefit of guiding the College's efforts as we prepare the leaders of today and tomorrow for the **4<sup>th</sup> Industrial Revolution**.

As rapidly-evolving, technological advances create unparalleled global connectivity and the way we work continues to change, we, too, must evolve. By harnessing all the opportunities that Industry 4.0 has to offer, we can drive that change, and not risk watching it pass us by.

In short, we are now better equipped than ever to build Nova Scotia's economy and quality of life through education and innovation.

The stories that follow are just a few examples of how the College, our students, grads and employees are driving innovation as well as using their education to inspire real, meaningful change across Nova Scotia and beyond.

We hope you enjoy the 2019 NSCC Report to the Community and are inspired by those who are shaping the workforce, communities and province of the future – one we can all be proud to call home.

Don Bureaux - President, NSCC

Bob MacEachern - Chair, NSCC Board of Governors



# **WELCOME TO WEDGEPORT.**

## **SIMON AN**

A Welding diploma has become a route to permanent residency for Korean-born Simon An. Through the Atlantic Immigration Pilot Program, the Burrige Campus grad is helping Wedgeport Boats Ltd. fill its demand for skilled workers while he builds his future in Nova Scotia.

“I wanted to become a true Canadian. I knew that by being away from a big city, where there are lots of new Canadians, I would have more opportunity to learn, mingle and understand.”

[nscnow.ca/Simon](https://nscnow.ca/Simon)

## MIKA FRANCIS

Mika Francis grew up hearing about her great grandmother's life and her tragic death. These powerful and personal stories inspired her to become an advocate for Missing and Murdered Indigenous Women. With the support of the R.G. Sobey Leadership Award and *Make Way - The Campaign for NSCC*, the Kingstec Campus Social Services student is gaining the skills and courage she needs to tackle injustice across Mi'kma'ki.

"When I'm drumming, there's a connection I feel with our ancestors. Mother Earth has changed so much since they roamed these grounds and most of the trails are gone. This is our way of guiding them back to us again."

[nscnow.ca/Mika](https://nscnow.ca/Mika)

A young woman with braided hair, wearing a white long-sleeved shirt and large green and blue earrings, is playing a drum in a field of tall grass. The background is a soft-focus field of green grass under a warm, golden light. The text "COURAGE TO LEAD." is overlaid on the right side of the image in a bold, yellow and white font.

**COURAGE  
TO LEAD.**

A young woman with dark hair, wearing a red and black jacket, stands on the deck of a boat at night. The background is dark with some lights reflecting on the water. The text 'CHARTING THE WAY.' is overlaid on the image in large, bold, yellow and white letters.

# CHARTING THE WAY.

## TAYLOR WOOD

A cross-Canada adventure inspired Marine Navigation student Taylor Wood to chart a course for the Nautical Institute and a career at sea. Through the Ocean Dream, Ocean Awaits and Ocean Living Awards, women and Indigenous learners may now qualify for a \$2.5 million bursary program to support their marine education.

“As women, our stories are not of underdogs or weaker-thans, rather they are stories of strength of character, resilience and a passion to do what makes your heart sing.”

[nsc.ca/CareersAtSea](https://nsc.ca/CareersAtSea)

## ROSS SAMPSON

Ross Sampson was just weeks into retirement when the “Man in Motion” himself called and asked him to take the Rick Hansen Foundation Accessibility Certification (RHFAC) training course. Today, Ross is a designated RHFAC Professional who is helping the province meet its goal of becoming fully accessible by 2030.

“Thirty years ago, slapping a ramp on the side of a building and widening a door was enough. Today though, largely because of the tireless efforts of Rick Hansen, that’s just not enough.”

[nscnow.ca/Ross](https://nscnow.ca/Ross)

A man with a mustache, wearing a blue and white checkered shirt and blue jeans, is seated in a wheelchair. He is holding a bright yellow handrail with an orange grip. The background shows a modern, brightly lit interior space with a tiled floor and a metal railing. A poster on the wall in the background features a portrait of a man.

**ACCESSIBILITY  
MATTERS.**



# A WORLD OF **POSSIBILITIES.**

## **KATE SUNABACKA**

Kate Sunabacka discovered the Industrial Engineering Technology program during a visit to the Technology Showcase with Women Unlimited. The 2019 Ivany Campus valedictorian and two-time NSCC International mission participant says the experience changed her life forever and brought her to places she never dreamed possible.

“By going to Peru and Vietnam and helping others using the training I have, I learned even more. It was an incredibly grounding and humbling experience that’s changed me as a person.”

[nscnow.ca/Kate](https://nscnow.ca/Kate)

## ETIENNE MFOUMOU

In Shelburne's south end, residents fear that contaminants are leaching into their wells and impacting their health. Dr. Etienne Mfoumou and his team are supporting local groups by uncovering a cost-effective, water-filtration solution for the predominantly black community. They're also creating a mobile unit that can be deployed to other communities around the province.

"It's pretty gratifying to think that research findings from this project are potentially going to better the lives of so many people."

[nscnow.ca/Etienne](https://nscnow.ca/Etienne)



**TESTING  
THE WATER.**



# ***PERFECT*** **BLEND.**

## **JERUSA YOUNG-CONNOR**

Jerusha Young-Connor grew up tending her family's vineyard in Nova Scotia's Annapolis Valley. Her appreciation for the work drew her to the Cool Climate Wine and Viticulture program at Kingstec Campus. Now, at the forefront of the industry, she looks forward to applying her studies to perfecting the province's reds and whites.

"We're producing incredible wines in Nova Scotia. I'm excited to play a part in growing our industry's reputation across Canada and around the world."

[nscnow.ca/Jerusha](https://nscnow.ca/Jerusha)



# HUNTING FOR **TREASURE.**

For more than 200 years, treasure hunters have flocked to Oak Island, Nova Scotia, to find the hiding place of what could be the greatest treasure in history.

Now, on camera, behind the scenes and through unique hands-on learning experiences, NSCC students, grads and employees are helping brothers Rick and Marty Lagina solve the centuries-old mystery on *The Curse of Oak Island*.

Doug Crowell, Information Services Lead at Annapolis Valley Campus, is a regular on the History Channel's top-rated series, serving as area historian. While Steve Guptill, two-time NSCC grad and former Geomatics Technical Assistant at the Centre of Geographic Sciences (COGS), is Rick Lagina's personal surveyor.

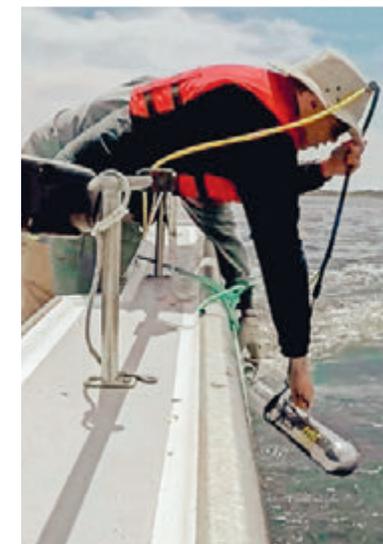
NSCC grads are also found behind the camera. Research producer Terri Lynn Kearsey graduated from Radio Television Journalism at Ivany Campus, assistant director Bruce Zwicker is a Kingstec Campus grad and production manager Meri Scoville is a three-time NSCC alum.

In Season 5, the stars visited COGS to see if NSCC's W.K. Morrison Special Collection could shed light on a theory that Samuel de Champlain purposely omitted Oak Island from his map of the area in 1612.

This year, the treasure hunters called on instructors Brian Pyke and Troy Greene and their Marine Geomatics students (bottom right) to use a side scan sonar, a multibeam echosounder, a sub bottom profiler and their technical abilities to uncover the elusive intakes of the Smith's Cove box drains.

In true Oak Island fashion, both investigations resulted in even more mysteries to be solved.

[nscnow.ca/OakIsland](https://nscnow.ca/OakIsland)





Zach Walsh knows what it takes to compete against the world's best. He's a Refrigeration and Air Conditioning alum and multiple medal winner in provincial and national skills competitions.

He brought his passion for his trade all the way to the 2019 WorldSkills Competition in Russia this year.

From August 22-27, 2019, the unique event challenged young people to demonstrate their professional excellence by completing a series of head-to-head, judged tasks. Zach was just one of 1,354 competitors from 63 countries.

In the months before WorldSkills, Zach spent hours training with his support team, including his coach and NSCC instructor Kevin O'Halloran, employer - Acadia Refrigeration in Kentville - and Skills Canada Expert and NSCC instructor Brian Nicholl.

"Zach has an eye for detail," says O'Halloran. "He's a good listener and wants to learn. He's competitive with himself and determined to do his best."

For his skills test, Zach constructed a model-sized refrigeration system - the kind you'd find in an ice skating rink - and stayed cool under pressure during the grueling four days of competition.

For his efforts, he was awarded the 2019 Medallion of Excellence - an accolade recognizing skill, persistence and a score of more than 700 out of a possible 800 points.

"Being on Team Canada was an amazing and formative experience that I'll never forget," says Zach. "I'm so grateful for all the support I've received - particularly from my family, friends, teachers, colleagues and Skills Canada. This is truly an honour."

"I absolutely love what I do. It's said, 'if you love your job, you'll never work a day in your life,' says Zach. "I believe it. There hasn't been a day since I graduated, that I didn't wake up and want to go to work."



**TAKING ON THE  
WORLD.**

# BUILDING A COMMUNITY.

Building Nova Scotia's economy and quality of life through education and innovation doesn't just require dedicated people and industry-connected programs.

It requires modern infrastructure that meets the diverse needs of the learners and communities we serve. That's why we're investing in the construction, redevelopment and renovation of our sites across the province, ensuring they inspire a bright future for our students, employees and all Nova Scotians.

As we make these investments, we're also committed to the continuous development of the social, economic, cultural and environmental sustainability of NSCC and the province. Our spaces demonstrate this.

Learn more about this work and our sustainable construction achievements at:

[nscnow.ca/Sustainability](https://nscnow.ca/Sustainability)

NEW GLASGOW, NS

## The Hon. Dr. John F. Hamm Trades and Innovation Centre

Specialized training space enabling cross-collaboration amongst skilled trades students.



### FAST FACT

Fully heated by passive, geothermal and solar energy.

### OPENED

2018

DARTMOUTH, NS

## Ivany Campus

Rick Hansen Foundation Accessibility Certification™ (RHFAC) registered site.



### FAST FACT

RHFAC measures the accessibility of sites and improves access through Universal Design principles.

### ACHIEVED

2019

PORT HAWKESBURY, NS

## Strait Area Campus Residence

51-bed residence expanding the reach of the campus and Nautical Institute offerings.



### FAST FACT

Will be constructed to LEED Silver and RHFAC standards.

### OPENING

2020

LAWRENCETOWN, NS

## Centre of Geographic Sciences Expansion

27,000 ft<sup>2</sup> building housing a geospatial analytics business research centre and a 40-bed residence.



### FAST FACT

Will feature drone-based and advanced remote sensing analytics.

### OPENING

2021

HALIFAX, NS

## Institute of Technology Campus Expansion

Three-story addition focused on job creation and industry-driven problem solving.



### FAST FACT

Will accommodate over 100 more learners each year.

### OPENING

2021

SYDNEY, NS

## Marconi Campus Relocation

Modern, central learning space and catalyst for social and economic prosperity for the region.



### FAST FACT

Will bring more than 1,000 students to downtown Sydney.

### OPENING

2024

# MAKING AN IMPACT

**20K**

STUDENTS WELCOMED  
EACH YEAR

**50%**

OF INCOMING STUDENTS  
HAVE PREVIOUS  
POST-SECONDARY  
EXPERIENCE<sup>1</sup>

**87%**

GROWTH IN INDIGENOUS  
STUDENT ENROLMENT  
SINCE 2010<sup>2</sup>

**99%**

OF PROGRAMS INCLUDE  
WORK-INTEGRATED  
LEARNING<sup>3</sup>

**\$1.8B**

CONTRIBUTED TO THE  
NOVA SCOTIA ECONOMY  
BY NSCC AND ITS  
STUDENTS<sup>4</sup>

**92%**

OF EMPLOYED NSCC  
GRADUATES LIVE AND  
WORK IN NOVA SCOTIA<sup>5</sup>

**\$33M+**

RAISED TO SUPPORT  
STUDENTS THROUGH  
MAKE WAY – THE  
CAMPAIGN FOR NSCC

**13**

COUNTRIES VISITED  
FOR APPLIED LEARNING  
AND TECHNICAL  
ASSISTANCE PROJECTS

**17**

CAMPUSES AND  
LOCATIONS

**NSCC IS FOR  
THOSE WHO STRIVE  
TO KNOW MORE,  
DO MORE, BE MORE.**

1. 2018 Incoming Student Success Survey

2. NSCC 2018 Official Enrolment Count

3. Field placement, clinical placement, co-op or internship

4. 2017-2018, Economic Impact and Return on Investment of Education,  
EMSI 2018

5. NSCC 2018 Graduate Survey