



Oceans Learning
Partnership

ABOUT US

Today's Kids,
Tomorrow's Ocean Professionals

We are a network of partner organizations based in the Province of Newfoundland and Labrador on Canada's East Coast. Our network consists of:

Science and Marine Centres
K-12 Educational Institutions
Post-Secondary Institutions
Indigenous Organizations
Corporations, SMEs and Industry Associations
Government Departments and Agencies

WHO WE ARE



We're in the business of inspiring youth – exposing our young people to the exciting world of ocean sciences and technology and the many career pathways available to them in our ocean industries.

WHAT WE DO






We offer a suite of dynamic, hands-on field experiences that engage youth in real-world marine research and commercial marine projects and connect them with ocean scientists and industry professionals

We are exposing high school students to the work of scientists, technicians and other professionals on offshore research vessels



Outreach event with Dr. John W. Jamieson, Canada Research Chair in Marine Geology, and the Schmidt Institute linking high school students to research vessel off Fiji March 2016

Project: Deep-sea research on underwater volcanoes

A photograph of three students in a control room. They are seated at a long desk with multiple computer monitors and laptops. The student in the foreground is wearing an orange shirt and is looking at a laptop. The student in the middle is wearing a grey shirt and is looking at a laptop. The student in the background is wearing a blue shirt and is looking at a laptop. The control room has a curved wall with several large monitors displaying data. The room is dimly lit, with the primary light source being the monitors and the overhead lights. The students appear to be focused on their work.

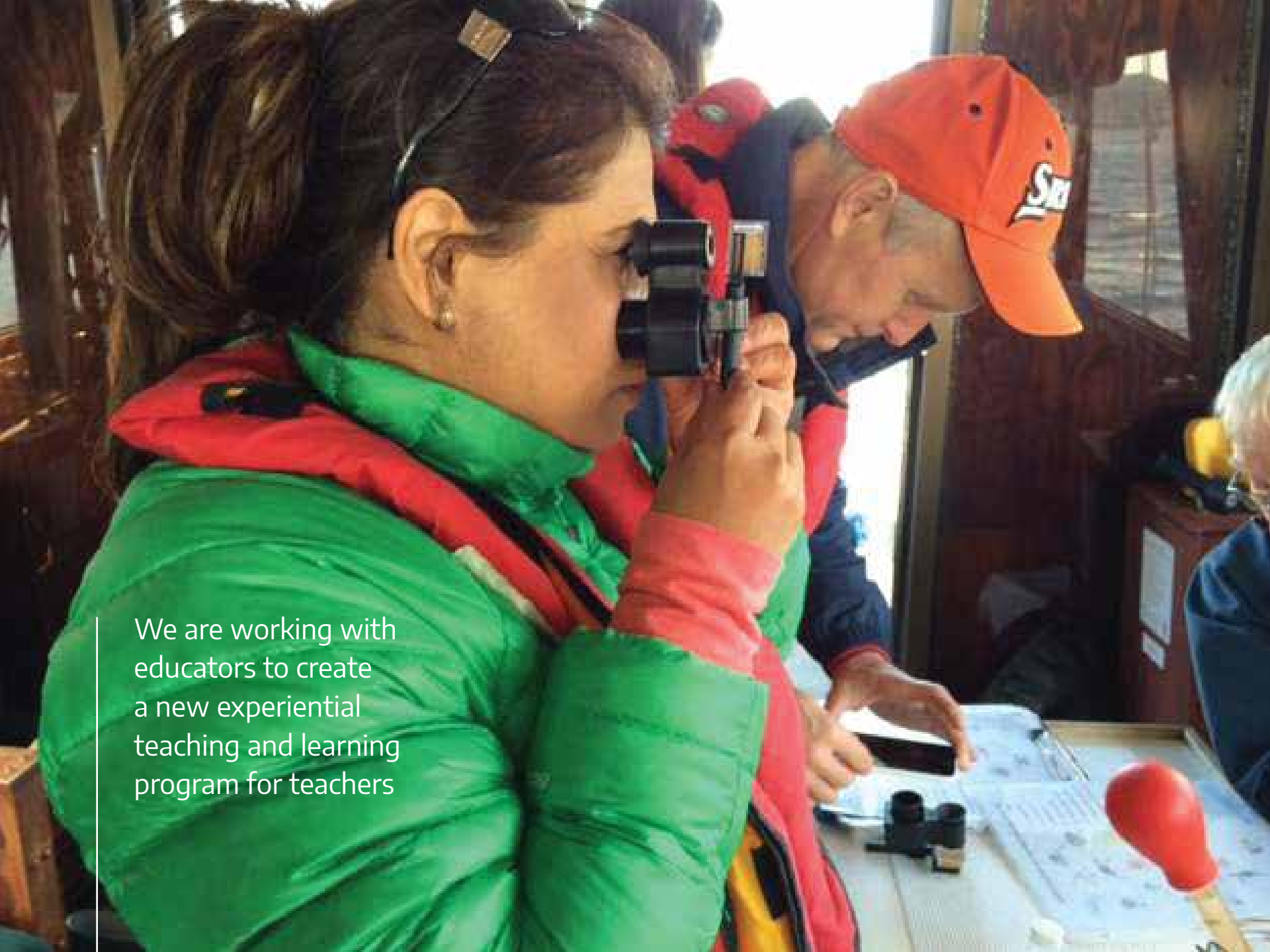
Students interact with technicians in control room on research vessel and learn about use of technologies for remote monitoring and live data streaming from offshore locations

We operate as a collaborative network of over 20 private-public sector partner organizations with a shared goal of enhancing and expanding ocean education in K-12 schools

We act as a catalyst and an incubator developing innovative new educational programming collaboratively with our education, regional, aboriginal and industry partners

HOW WE OPERATE



A woman with dark hair tied back, wearing a bright green puffy jacket over a red shirt, is looking through a black telescope. She is on a boat, and another person wearing an orange baseball cap and a blue jacket is visible behind her, also looking through a telescope. The boat's interior has wooden paneling. On the table in front of them are some papers, a red balloon, and other small items. The text "We are working with educators to create a new experiential teaching and learning program for teachers" is overlaid on the left side of the image.

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A photograph of two people wading in a lake. On the left, a woman in a black jacket and black pants stands on the shore, holding a rope. On the right, a man in a grey and white long-sleeved shirt and black pants is wading in the water, holding a white net. The background shows a dense forest with autumn-colored trees. The text "TEACHING FELLOWSHIP PROGRAM FOR PRE-SERVICE TEACHERS" is overlaid in white, bold, sans-serif font.

TEACHING FELLOWSHIP PROGRAM FOR PRE-SERVICE TEACHERS

Collaboration with Memorial University's Faculty of Education; program funded by Hebron Project. Goal is to transition teaching fellowship program into Faculty undergraduate teacher training by 2021

A young woman with dark hair and glasses is shown in profile, focused on a task. She is wearing a patterned top and is working on a complex mechanical or electronic device. The background is blurred, showing other people and equipment in what appears to be a laboratory or workshop. The lighting is cool and blue-toned.

SUMMER INTERNSHIP PROGRAM FOR HIGH SCHOOL STUDENTS

Funded by government; developed with participation of partners in 3 regions and 9 host companies, in ship design, shipbuilding, ocean technology, aquaculture, aquatic resource management, marine tourism

A woman with long brown hair is wearing a black HTC Vive VR headset and holding two black VR controllers. She is standing in a room, possibly a workshop or office, with other people visible in the background. The text "PROTOTYPE FOR AN ONLINE MENTORING PLATFORM" is overlaid on the left side of the image.

PROTOTYPE FOR AN ONLINE MENTORING PLATFORM

First iteration of prototype funded by provincial and federal governments; collaboration with OceansAdvance and other industry partners.

OUR REACH AND IMPACT

Over 17, 000 young people reached in 24 rural and indigenous communities and over 20 schools in St John's metro area with our school program outreach events at partner sites

Teacher PD session held in spring 2019 with NL English School District on coastal monitoring program for Science 1206 high school science course, reaching over 5,000 students and 200 science teachers when fully deployed.

Recognized in 2016 with international Award for Innovative Education by US-based North American Association for Environmental Education (NAAEE), one of five recipients, only Canadian organization short-listed, UL sponsor: USD\$50K



OUR PROGRAM TEAM

Danielle Nichols

Public Education Manager
Ocean Sciences Centre

Andrea van Nostrand

Manager, Education and Interpretation
Johnson Geo Centre

Gillian Davidge

Education Manager
Manuels River Hibernia Interpretation Centre

Yolanda Collins

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