Bamfield Marine Sciences Centre (BMSC) supports diverse coastal and marine research of the highest calibre, and is recognized as among the very best research and training facilities in the world.

BMSC is located in traditional territories of the Huu-ay-aht First Nations on Vancouver Island, Canada.

The Opportunity
To support high calibre research, education and to provide unparalleled access to natural and cultural sites where major scientific questions and challenges of the 21st century persist - including climate change, environmental security, conservation, biodiversity, and ocean sustainability.

The Scope
• More than 45 years of university teaching and research history has contributed to increased alumni and community engagement.
• Over 3000 m² laboratory space featuring wet and dry labs, flow-through sea and fresh water.
• New challenges are being created by increased demand and aging infrastructure in this beautiful, rugged, and remote location.

Research
The Bamfield Marine Sciences Centre provides year-round research facilities, basic and specialty equipment, and technical assistance to scientists from the five western Canadian universities (University of Calgary, University of Alberta, University of British Columbia, Simon Fraser University and University of Victoria) as well as visiting scientists from other Canadian and international institutions.

BMSC offers unparalleled access to a wide array of environments - including unique coastal, freshwater, marine, and rainforest habitats, and exceptional species diversity.

• Top researchers from around the world address grand challenges with fundamental research on fisheries, biodiversity, climate change, invasive species, and improving environmental regulations.
Community Outreach

BMSC works closely with the Huu-ay-aht First Nations and their knowledge holders with place-based learning. BMSC is also partnered with the Nations on community infrastructure projects.

Other partnerships include the Bamfield Historical Society, Nova Harvest, Canadian Kelp Resources, Bamfield Community School Association, and hosting “Music by the Sea,” an annual festival now in its 13th season.

Student Enrichment

Students of all ages take part in multi-day field trip experiences inspiring youth to become marine scientists.

• Students from the five western Canadian universities have the opportunity to get their hands dirty and their feet wet while learning in this dynamic environment where the field and lab are their classroom.

• The intense immersion experience for undergraduate and graduate students enriches focus, concentration, and retention of material.

The Possibilities

Inspiring International Collaboration

• Visiting researchers from over 45 institutions around the globe, including five Royal Society Fellows and six Canada Research Chairs.

• Productive interactions with researchers including seminars and social events support learning and provide opportunities to meet informally and discuss research with visiting faculty.

• A new Welcome Centre for experiential learning, including the creation of a semi-natural tide pool will create an inspiring environment for gathering.

• Additional funding would allow the opportunity to build an extension to the lodge in order to accommodate more researchers, make the facilities more family friendly and update the kitchen to provide a dedicated space to prepare meals for those with dietary restrictions.

Diversifying Course Offerings

• Currently there are 26 accredited university field courses, and in 2018 there were 1158 educational boat excursions. Increased funding would allow these courses to be expanded.

• BMSC now offers undergraduate and graduate level courses in diverse topics such as Statistical Analyses, Science Journalism, Scientific Filmmaking, Field Archaeology, Limnology, Ethnobotany, place-based learning in First Nations territories, as well as courses in the marine and coastal sciences.

• Contributions to the scholarship funds would enable more UCalgary students to attend courses at BMSC.

• A marine vessel would facilitate the offshore capacity to research oceanography and fisheries.

Make an impact through philanthropic investment

Please join us in developing a diverse community of learners and leaders at BMSC and UCalgary. Through an investment of $10 million we can improve the teaching and learning environment, support innovative research, and reach the wider community.

For more information about how you can make a difference, please contact:

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