

Surging Forward

Exciting expansion of our award winning programs using new technologies



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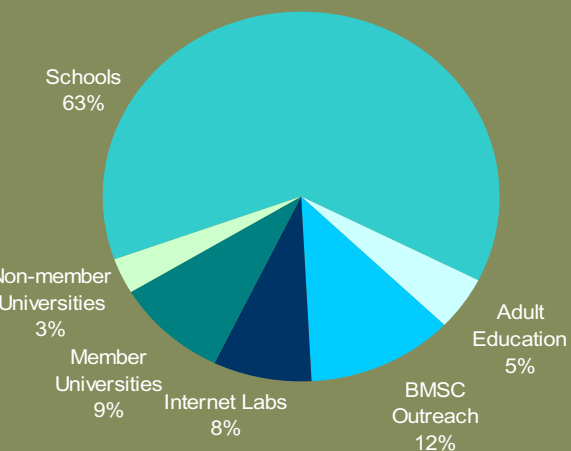
The year in review

- Over 4,500 learners directly engaged in programming (over 14,000 user days). The biggest year yet!
- Subtidal Safaris made a big splash. About 400 people actively participated in virtual dives without getting wet.
- Live internet marine labs connected to 372 students in French and English across Canada.
- Our youth outreach website, www.oceanlink.island.net, received 22 million hits in 2007, and over 319 gigabytes of introductory scientific knowledge were downloaded.
- BMSC hosted teachers professional development workshops and facilitated community conservation endeavours.
- Five conferences are scheduled for summer 2008.

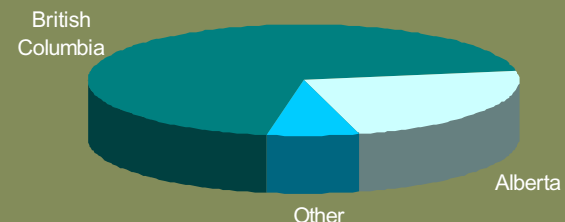
These activities are funded in part by a three-year NSERC PromoScience Award

Ongoing Challenges

To facilitate access to our remote site, and develop more technologies to deliver long distance programs.



PUBLIC EDUCATION PROGRAM CLIENT ORIGINS 2007



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Bamfield Marine Sciences Centre

Since 1969, the Bamfield Marine Sciences Centre on the remote west coast of Vancouver Island has remained Canada's premier centre for marine and coastal research and education. BMSC's fusion of research, teaching and community outreach provides opportunities for established and aspiring researchers unavailable anywhere else. BMSC is owned and operated by the non-profit Western Canadian Universities Marine Sciences Society.

Our Mandate

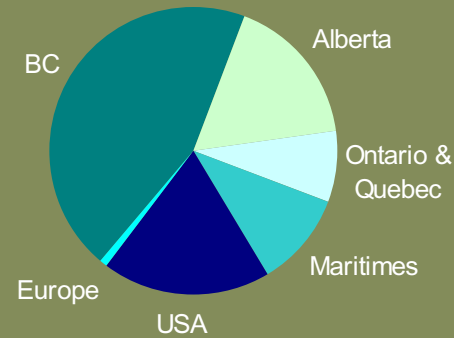
To provide: world-class research infrastructure for marine & coastal scientists; undergraduate and graduate education; practical research training; hands-on public education; and commercialization opportunities.

Riding the wave

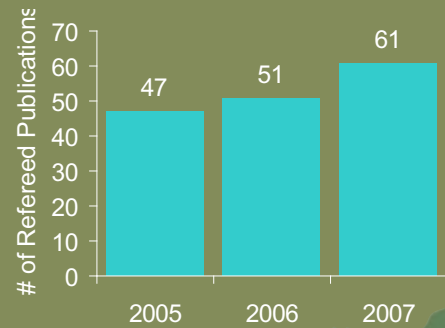
A unique research & training facility situated on the doorstep of pristine marine and coastal environments

- 112 researchers completed 5,126 user days of research at BMSC, a 16% increase over 2006.
- BMSC hosted a diverse array of academic, government, and industry users, 20% of them were international researchers.
- Many distinguished scientists worked at BMSC, including RSC Fellows, Canada Research Chairs, Steacie Fellows, CIAR Scholars & Fellows, and a Pew Fellow of Marine Conservation investigating climate change.
- Rapid recent growth in research capacity, currently over 2,000m² of designated research lab space.
- BMSC research generated 61 refereed publications, a 70% increase since 2000.
- BMSC divers completed 950 dives in 2007. Their underwater efforts supported teaching collections, research, NEPTUNE site assessments, Subtidal Safari, and abalone monitoring and outplanting.

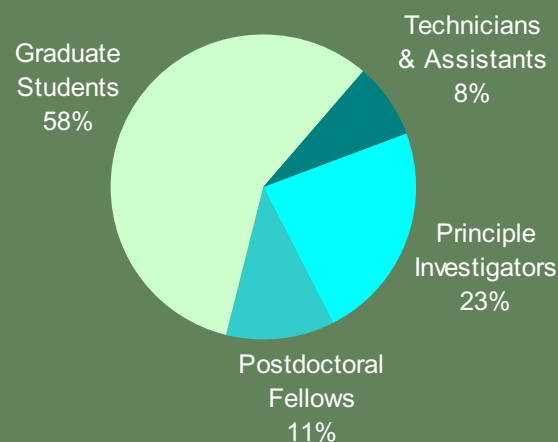
ORIGIN OF BMSC RESEARCHERS 2007



BMSC REFEREED PUBLICATIONS CONTINUE TO RISE



WHO ARE BMSC RESEARCH USERS? 2007



NEW RESEARCH OPPORTUNITIES:

Fluid Dynamics (with 12m flume and Particle Imaging Velocimeter)

Physical and Biological Oceanography (In collaboration with NEPTUNE undersea cable network and Fisheries and Oceans Canada)

Ongoing Challenges - To increase the number of researchers using BMSC and provide advanced technical support.

2007 Facility Improvements

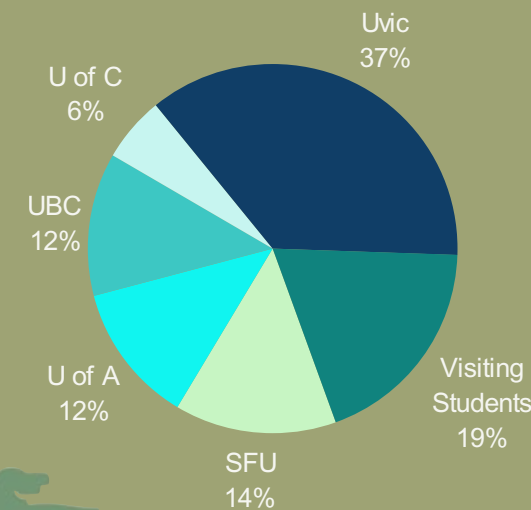
- *New roofs installed on 8 cabins. BMSC can currently house 197 people in dormitory and cabin suite settings.*
- *Major tree clearing to prevent future storm damage.*
- *Teaching lab space renovated.*
- *Engine and hydraulic system rebuilt on our largest vessel, the M.V. Alta.*
- *Canadian Council on Animal Care site assessment highly commended BMSC for improving animal care facilities and protocols.*

Rising tide

Small class sizes and hands-on field research attract students to the West Coast. BMSC undergraduates are immersed in a dynamic residential community of researchers and peers



HOME UNIVERSITIES OF BMSC STUDENTS 2007



- 122 students enrolled in 12 summer courses and 5 fall program courses. A total of 6,468 University Program user days.
- Program changes to 2007 Fall Program Directed Studies and Seminars courses deemed a great success.
- Survey of summer students completed as part of a new marketing initiative. Small class sizes and hands-on field studies were identified as most important to students.
- Renovations added another complete teaching lab.
- 27% of all undergraduate students taking courses received financial support from BMSC for a total of \$20,900 in scholarships. These scholarships are funded through the BMSC Endowment Fund managed by the Vancouver Foundation.

For donor information please see www.bms.bc.ca/donate

Ongoing Challenges - To attract more students to Bamfield and recruit the best instructors to such a remote location for a short time.



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