



31st Annual Cyamus Meeting

March 27-31, 2019
Bamfield, British Columbia

Cyamus Meeting Program

Wednesday, March 27

7:00 PM	Welcome reception at Best Western Barclay Pastimes Sports Bar & Grill, Port Alberni Be sustainable! Bring your own name tag or make one at the reception! Sponsored by Elsevier
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Thursday, March 28

(low tide of 3.44 ft/1.05 m @ 1:49 pm)

7:15 AM	Depart Best Western Hotel for Lady Rose Marine Service Dock
8:00 AM	Depart Port Alberni on the M.V. Frances Barkley Breakfast on board sponsored by EBSCO
12:30 PM	Arrive BMSC & Lunch (leave bags in fireplace lounge adjacent to dining hall)
1:15 PM	Settle into cabins/dormitory
1:45 PM	Group photo and tour of the BMSC facilities
2:50 PM	Refreshment break
3:00 PM	Round Robin: What's New at Your Institution?
6:00 PM	Dinner
7:00 PM	Welcome and lecture by Chris Neufeld, BMSC Associate Director, Education

Friday, March 29

(low tide of 3.48 ft/1.06 m @ 3:02 pm)

7:30 AM	Breakfast
8:30 AM	Contributed Presentations Mathew Vis-Dunbar, UBC Okanagan Campus Open Science and Undergraduate Education at UBC Okanagan Katie Lage, MBARI & Moss Landing Marine Laboratories Combining Forces to Teach New Marine Science Graduate Students Daniel Brendle-Moczuk, University of Victoria Pre-Consumer Plastic Pellets (Nurdles) on BC's South Coast: Keeping Our Eye(s) on the Tides & Winds to Determine Areas of High Accumulation
10:00 AM	Refreshment Break
10:30 AM	Contributed Presentations Kristen LaBonte, University of California, Santa Barbara Exhibit and Public Event Planning: Inspirations and Lessons Learned Mary Markland & Rachael Davis, HMSC/OSU Spacing Out: Finding Room in a Finite Space Sally Taylor, University of British Columbia Data from the Forest and the Sea: Efforts to Curate 20 Years of Student-Collected Data at the Bamfield Marine Sciences Centre Amanda Whitmire, Hopkins Marine Station, Stanford University Subversive Gatekeepers: Developing Methods for Enabling Remote Access to Hidden Collections
12:30 PM	Lunch
1:00 PM	BMSC Gift Shop is open
1:30 PM	Cyamus Business Meeting
3:00 – 5:00 PM	Field trip: Nova Harvest and Canadian Kelp Resources (15 min walk between sites)
6:00 PM	Dinner

7:00 PM	Free Evening
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Saturday, March 30

(low tide of 3.33 ft/1.01 m @ 4:04 pm)

7:30 AM	Breakfast
	Field Trips – Choose 1!
8:00 – 11:30 AM	<p>Kiix̱in Village and Fortress National Historic Site of Canada is located on the west coast of Vancouver Island, British Columbia, strategically set between the rugged outer coast and the protected inner waters of Barkley Sound. Kiix̱in is the site of a 19th-century village and fortress that exhibits evidence of occupation dating to 1000 B.C.E. Today, it remains a sacred site to the present-day Huu-ay-aht First Nations. This trip includes a short bus ride to the trail head, a hike through the forest, and a walk on the beach to visit the Kiix̱in site.</p> <p>Kiix̱in tour sponsored by University of British Columbia Library</p>
8:30 – 10:30 AM	<p>MV Alta boat trip - A trip to the Deer Group Islands includes sampling from the subtidal environment and marine mammal and bird observation. A dredge net sampling from the sea floor yields a diversity of organisms including sea stars, urchins, octopuses, crabs, fish, sea cucumbers, and many others not inhabiting the intertidal zone. A trip to the open ocean, depending upon the season and migration pattern, whales, harbour seals, sea lions, and a diversity of marine birds can be observed. Maximum 12 passengers.</p> <p>Boat trip sponsored by ProQuest</p>
11:15 AM	Refreshment Break
11:30 AM	<p>Contributed Presentations</p> <p>Kristin Culp, ProQuest Primary and historical sources provide insights to enable researchers to impact their world.</p> <p>Beth Rogers, Bamfield Marine Sciences Centre Work Breakdown Structures: An Effective Tool for Organizing and Documenting Project Work</p>
12:30 PM	Lunch
1:30 AM	Discussion Topic Breakouts
2:45 PM	Refreshment Break

3:15 PM	Field Trip to West Side: Boardwalks and Brady's Beach
6:00 PM	Dinner
7:30 PM	Social at the Director's Residence Sponsored by ProQuest

Sunday, March 31

7:30 AM	Breakfast, pack a bag lunch and move out of accommodations
8:15 AM	Good-bye to Bamfield and board bus for Port Alberni, Nanaimo and Victoria

Contributed Presentations

Daniel Brendle-Moczuk, University of Victoria

Pre-consumer plastic pellets (nurdles) on BC's south coast: Keeping our eye(s) on the tides & winds to determine areas of high accumulation.

Since 2016 along southwest BC coasts and waterways including Vancouver's Fraser River and on the shores of the Gulf and Vancouver Islands we have sampled, quantified, tracked and mapped pre-consumer plastic polymer pellets used in the production of plastic products.

Plastic pellets do not readily break down and they soak up contaminants. Aquatic animals sometimes mistake the pellets as food, which may accumulate in their digestive systems causing injury and possible death due to starvation, and plastics might possibly move up the food chain.

Our previous research identified the specific plastic polymer types found. Since then, utilizing field observation and tide & wind data from Environment Canada, Fisheries and Oceans Canada, and Meteorological Aerodrome Reports from the US National Weather Service, patterns of the conditions necessary for nurdles to arrive on shore and areas of high nurdle concentrations were established.

Kristin Culp, ProQuest

Primary & historical sources provide insights to enable researchers to impact their world.

Using ProQuest resources to support libraries & information services in: marine and freshwater science, oceanography, geology, fisheries, meteorology, education, policy, and more.

Kristen LaBonte, University of California, Santa Barbara

Exhibit and Public Event Planning: Inspirations and Lessons Learned

Fifty years ago, the Santa Barbara area suffered a massive oil spill caused by a blowout below an offshore oil rig as workers were drilling a new well. In the aftermath of the disaster and its cleanup, local environmental groups were formed, new environmental legislation became law, an environmental studies program was founded at UCSB, and Earth Day was born. Today, as the world is confronted with rising challenges of climate change, how can we again come together as environmentally responsible communities to counter regressive political agendas and inspire new green waves of activism? This talk will focus on how the UCSB Library framed these issues through library exhibits and public events.

Katie Lage, MBARI & Moss Landing Marine Laboratories

Combining Forces to Teach New Marine Science Graduate Students

In Fall 2018, Moss Landing Marine Laboratories offered graduate students a "combo class," which brought together the Library Research Methods in Marine Science course and the Scientific Writing and Communication course. Building upon the complementary nature of these courses to enhance student engagement and learning, the two faculty members, one a vertebrate ecologist and one a librarian, merged these classes. In this presentation, I will frame the why and how of the merger in the

context of the science information lifecycle, feature successful enhancements to our graduate student information literacy learning, and present opportunities for further integration.

Mary Markland & Rachael Davis, Hatfield Marine Science Center, Oregon State University
Spacing Out: Finding Room in a Finite Space

Oregon State University has a new marine studies program falling into place, which will lead to more students participating in HMSC classes. We anticipate that the Guin Library will receive increased usage due to these new students. How can a library create more student space while dealing with a finite building footprint? Guin Library is exploring a variety of collection projects that will ultimately lead to a decrease in floor space devoted to the print collection and an increase in seating options.

Beth Rogers, Bamfield Marine Science Centre
Work Breakdown Structures: An Effective Tool for Organizing and Documenting project work

In 2013, BMSC initiated a major library review and development project, with work to be completed over the next 5 years. A Work Breakdown Structure (WBS) was used to organize and document project work - a strategy borrowed from the field of project management. This presentation will describe how to create Work Breakdown Structures, using the example of the library review and development project to demonstrate their effectiveness.

Sally Taylor, University of British Columbia
Data from the Forest and the Sea: Efforts to Curate 20 years of Student-Collected Data at the Bamfield Marine Sciences Centre

As part of a sabbatical in 2018, I worked on a project to curate select data sets at the Bamfield Marine Sciences Centre on Vancouver Island, British Columbia. The data was collected from two study sites (Wizard Islet, and forest plots near the mouth of Grappler Inlet) over a 20-year period by undergraduate students in the Coastal Biodiversity and Conservation course. I will describe how I prepared the data sets and documentation and illustrate the challenges that arose. I'll explain why we chose Dataverse as the repository and highlight some aspects of the metadata. I'll conclude with a discussion of how we can improve our efforts to preserve research data for the future.

Mathew Vis-Dunbar, University of British Columbia Okanagan
Open Science and Undergraduate Education at UBC Okanagan

The Problem: In 2005, John Ioannidis stated, "It can be proven that most claimed research findings are false". Since asserting this, a growing body of meta-science research has substantiated this claim, causing uncertainty about the trustworthiness of published scientific findings.

The Solution: Open Science refers to a broad, transdisciplinary movement that aims to open up research processes to promote the integrity, reproducibility, and value of scholarly work. To date, the Open Science movement has focused on awareness at the graduate and post graduate level.

The Project: Integrate Open Science tools and practices into the undergraduate curriculum. The Library

and faculty in Biology at UBC Okanagan have launched a pilot program to shift classroom and lab practices at the undergraduate level to adhere to best practices as articulated through Open Science, from the importance of all findings, to workflow management, documentation, integration of open technologies, avoiding bias, data management practices, and information dissemination that is open and diverse, engaging in citizen science and knowledge translation.

Aim: Have undergraduate cohorts that are well versed in the best practices of Open Science, so much so, that to practice Open Science is as habitual as donning a lab coat and safety goggles when entering the lab.

Amanda Whitmire, Hopkins Marine Station, Stanford University

Subversive Gatekeepers: Developing Methods for Enabling Remote Access to Hidden Collections

Libraries at several academic marine research stations on the West Coast of North America hold large collections of student research reports. These collections include several decades of unique field observations about environmental conditions, species and populations recorded over a span of nine decades. Each collection is important within its local context, but taken collectively these papers represent an extremely valuable corpus for conducting historical ecology research. In most cases, the holding library does not have permission from the student authors to make their work available online. Since libraries are limited in being able to offer open access to these materials, what other mechanisms exist or could be developed to make these collections maximally discoverable and useful? Is it possible to facilitate exploration and analysis across this corpus without providing direct access to the content? In this presentation, we will review some of the potential methods to support research across distributed, closed digital collections and share some results on proof-of-concept testing with our own collections.

Poster

Teresa de J. Barriga Ramírez, José Luis Ortíz Galindo and Laura M. Pérez Rojas

CICIMAR-IPN

Strategies to survive alone

The thoughts found today that occupy my mind and, perhaps also that of some information professionals due to the rise of Information and Communication Technologies (ICTs), on the subject of the library's role as a provider of information services for a specific and at the same time diverse community, it has its origin in the condition that there are activities of the profession that, with the use of ICTs, the operation and presentation of the information has been modified so that the user does not require move to the space of the library and the librarian loses presence among the community. However, it is recognized that ICTs provide the opportunity to discover new ways of exercising the knowledge of the professional profile and the experience gained. The present work aims to explain how librarians of marine and aquatic sciences can overcome the difficulties of the new reality through the construction and strengthening of interpersonal relationships, that is, move within the institution to be visible, respect the essence of the profession and stay current.

Attendees

Daniel Brendle-Moczuk	University of Victoria
Kristin Culp	ProQuest
Renée Gaudet*	University of British Columbia, Vancouver
Mayu Ishida	University of British Columbia, Vancouver
Kristen LaBonte	University of California Santa Barbara
Katie Lage	Moss Landing Marine Laboratories
Alisa Lazear	CanLII (Canadian Legal Information Institute)
Mary Markland	Hatfield Marine Science Center, Oregon State University
Kathleen Matthews	University of Victoria
Chris Neufeld	Bamfield Marine Sciences Centre
Allyson Ota**	Honolulu Community College
Yvette Rancourt*	University of British Columbia, Vancouver
Beth Rogers	Bamfield Marine Sciences Centre - our host!
Jeanine Scaramozzino	Cal Poly State University
Dean Seeman	University of Victoria
Jodi Shippee**	Simmons University
Abeer Siddiqui**	McMaster University
Becky Taylor	Law Society of BC
Sally Taylor	University of British Columbia, Vancouver
Mathew Vis-Dunbar	University of British Columbia, Okanagan
Amanda Whitmire	Hopkins Marine Station, Stanford University
Tami Wilkerson	Columbia River Inter-Tribal Fish Commission

*Student Travel Fund Awardees

**Travel Grant Awardees

Guests

Iris Brendle-Moczuk
Georgina Brendle-Moczuk
Maddie Brendle-Moczuk
Andrew Clements
John LaBonte
Wayne Matthews
Brian Wooton

Cyamus Business Meeting Agenda

- Treasurer's Report – Kristen LaBonte for Molly Engelbrecht
- Membership Update – Kristen LaBonte
- Travel Support
 - Cyamus annual meeting grant
 - IAMSLIC travel awards
- Old Business
 - Annual meeting grant procedure
- New Business
 - Procedure manual
 - Conference reports
 - Member outreach – how to include people who can't travel
 - Cyamus 2020
- IAMSLIC Update – Jeanine Scaramozzino, President

Acknowledgements

This year's Cyamus conference would not have succeeded without the support of the following partners. Thank you for your generous contributions.

Bamfield Marine Sciences Centre

Beth Rogers

Sally Taylor

Cyamus Executive Board: Mary Markland, Mayu Ishida & Molly Engelbrecht

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