



AQUACULTURE
ASSOCIATION
OF CANADA | ASSOCIATION
AQUACOLE
DU CANADA

March, 2014

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Editors: Joy Wade, Catriona McLanaghan &
Stefanie Hixson

AAC 2014

This is an exciting year for AAC as it marks our 30th Anniversary! As we celebrate, we would like to thank our founding members for bringing their vision of the Association to life and for having the tenacity to see it through to fruition.

We want to acknowledge the numerous contributions that the Association and its members have had on the development of the aquaculture industry in Canada. With that in mind, our 30 year history will be highlighted with our annual conference, Aquaculture Canada OM in June 2014 in St. Andrews, N.B.

Please mark your calendars for June 1st- 4th 2014, and join us for this very special event in beautiful St. Andrews-By-The-Sea where the Association began 30 years ago.



Deadline Reminders

AC14 Abstract Submissions:

March 14, 2014

<http://www.aquacultureassociation.ca/aac-conferences/aquaculture-canada-2014/aquaculture-canada-2014-call-for-papers/>

Research Award of Excellence Nominations:

Deadline March 31st, 2014

Lifetime Achievement Award Nominations:

Deadline March 31st, 2014

Student Scholarship Applications:

Deadline March 31st, 2014

Student Travel Award Applications:

Deadline March 31st, 2014

<http://www.aquacultureassociation.ca/awards>



Dr. Joe Brown BBQ and Silent Auction in Support of the AAC Student Endowment Fund

In keeping with the AAC tradition, we will again be hosting the Dr. Joe Brown BBQ and Silent Auction in Support of AAC Student Endowment Fund. This event will take place during the AAC annual conference in St. Andrews, NB on June 2nd, 2014; 6:30 - 10:00 pm at the Curling Club Arena.

This fund is used for student scholarships, travel and presentation awards. In addition to supporting AAC student members, this is also an opportunity for increased exposure for your company or service. Last year's silent auction and fundraising efforts raised over \$4,200 for the Student Endowment Fund and our goal is to exceed this in 2014!

Please consider donating items or helping support the AAC 2014 Dr. Joe Brown BBQ and Silent Auction. Items that have been donated in previous auctions include: books, articles of clothing, artwork, gift certificates, tools, etc., although other items would be much appreciated. We sincerely thank you for your consideration of this worthy cause, and hope to see you in St. Andrews in June.

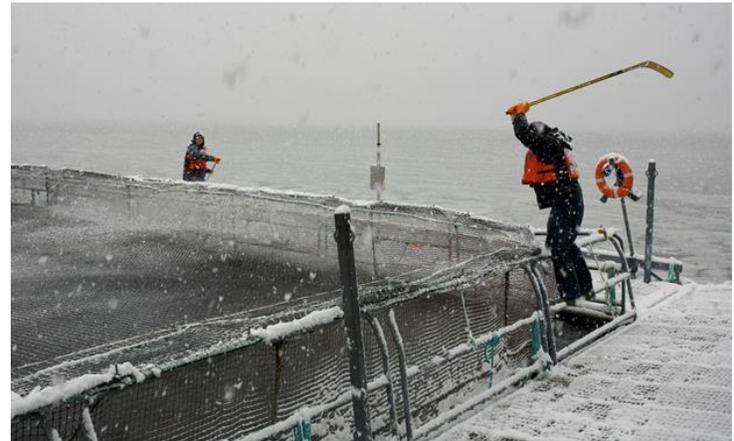
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Photo Contest Winner



The photo contest is now closed and it is with great pleasure that first prize is awarded to Ian Roberts from Marine Harvest Canada. The judges had a hard time choosing among so many top notch photos, but the Hockey Sticks was chosen due to its technical excellence, action and even some humour. There were many other excellent photos received from across the country. Honourable mention to Keith Wood, Allie Burn, Matt Smith and Steve Backman. The photos will be published in an AAC publication this year and will appear on the website. It is wonderful to see so many people enjoying their work and willing to share their photos!

Student Essays

Thank you to all the students who submitted essays for the 30th Anniversary Undergraduate and Graduate Essay Contests. Congratulations to the winners: Rebecca Blank, undergraduate student from Dalhousie University, and Stacy Murray, graduate student from the University of New Brunswick, Saint John. All essays will be published in an AAC publication in 2014.



Upcoming Courses in Aquatic Animal Health

The Canadian Aquaculture Institute is pleased to be partnering with the Centre for Life-Long Learning in the delivery of an introductory and advanced course in Aquatic Animal Health.

The following workshops will be offered at the Atlantic Veterinary College, University of Prince Edward Island, from May 26 - 29, 2014.

Health and Husbandry of Aquatic Laboratory Animals

May 26 & 27, 2014

Advanced Aquatic Animal Care and Husbandry

May 28 & 29, 2014

These modular workshops are designed to provide both introductory and advanced training in aquatic animal health. The first two-day workshop "Health and Husbandry of Aquatic Laboratory Animals" can be taken separately or combined with "Advanced Aquatic Animal Care and Husbandry". One may enroll in both workshops but "Advanced Aquatic Animal care and Husbandry" has a prerequisite of either the basic workshop or equivalent training and experience. For more information, visit the Canadian Aquaculture Institute website lifelonglearning.upei.ca/cai



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Building Climate Change Resilient Food Systems – Adaptations Using Integrated Aquaculture and Agriculture

The Fisheries and Marine Institute of Memorial University has had a long and productive history working on aquaculture training and development in Cambodia, with Prek Leap National College of Agriculture (PNCA) in Phnom Penh, Cambodia. Most of the focus has been on developing rice-fish farming systems, farm extension training tools and capacity building at the national university responsible for agriculture and fisheries education and training.



Aquaculture training in Cambodia
(Photo:C. Couturier)

A new project designed to assist PNCA develop climate change resilient food systems was initiated about a year ago with the goal of integrating climate change adaptation and mitigation education and training into all PNCA curricula – from fish farm extension modules to their BSc Fisheries where most of the aquaculture training takes place for Cambodia. The project focuses on rice-fish farmers principally, aiding them to develop strategies for mitigating and adapting to climate change to help with farm outputs. The project is funded by a variety of agencies under the Cambodia Climate Change



Alliance umbrella (UNDP, Swedish Gov't, Cambodia Gov't, the European Union, etc.), and the implementation is being done in partnership with the Marine Institute, the Network of Aquaculture Centers in Asia-Pacific (NACA), the Takeo Province Provincial Department of Agriculture and the PNCA faculty and staff.

My role has been to provide advice and input on curriculum needs related to climate change adaptation in rice-fish farming and in fisheries and aquaculture curricula for farm extension and degree offerings at PNCA. I have also been asked to provide training to extension officers, faculty and gov't officials on fisheries and aquaculture impacts from climate change, and mitigation strategies for these sectors.

It is extremely interesting work, in that integrated fish farming is, in and of itself, an adaptation to climate change in terms of food security, water resource management, and crop diversification. To date, the project has met all of its goals, and will be finishing up at the end of March. It's rewarding to see the positive outcomes of our joint efforts, as evidenced by improved farming practices and adoption of climate resilient food production strategies on the farm.

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