Prairie Fish Farming: Not for the faint of heart. Workers brave the cold at Wild West Steelhead in North Lucky Lake, Saskatchewan.

Do you have a good photo of ‘Aquaculturists in action’? Send it to us an we may post it in the Watermark.
Facility Spotlight: The Alma Aquaculture Research Station

The Aquaculture Centre (AC) at the University of Guelph, has been a long time member of the AAC. The AC’s primary research facility is the Alma Aquaculture Research Station (AARS). The station combines research, educational and quarantine and isolation facilities to aid in developing innovative technologies and production techniques to support the farming of finfish in Ontario. It was originally the brainchild of the University of Guelph, and was supported through a capital investment by the Ontario Ministry of Agriculture, Food and Rural Affairs (OMAFRA) and the Ontario Ministry of Natural Resources (OMNR). The operations are supported through ongoing base funding from OMAFRA, through a longstanding partnership agreement with the University.

The mandate for this research and quarantine facility is to address two main objectives: 1) to provide upscale, research and development facilities to undertake various interdisciplinary studies relevant to the sector and, 2) provide quarantine facilities for the controlled importation of exotic species or strains of fish to assist the private sector with diversification and the pursuit of new business opportunities. In addition, the AARS provides a venue for education, training, industry demonstrations and technology transfer to the private sector. The facility also provides an opportunity to demonstrate aquaculture to the government and academic communities as well as the general public.

The AARS occupies the historical site of Creekbank Trout Farm, a commercial fish farm that operated during the 1970's and 1980's. It is located 37 kilometers north-west of the University of Guelph. The property consists of 25 hectares, with wells, buildings, water treatment and wastewater management all incorporated into the site plan. The Station compound consists of ten buildings and facilities with a total floor space of 28,750 ft², hatchery and broodstock holding facilities, recirculation labs, photoperiod controlled rooms, wet labs, analytical bench-labs, offices, conference room, washrooms, storage and equipment maintenance capacity.

In total, there are over 350 fish rearing units at the AARS that allow for production and research of a full range of fish, from egg to broodstock.
Since the completion of the first phase of construction in 1993, more than 135 research projects have been conducted, as well as numerous workshops, demonstration days, tours, tech transfer events and a host of both graduate and undergraduate training experiences.

For more information on the Alma Aquaculture Centre visit:
[www.aps.uoguelph.ca/~aquacentre/aars/aars.html](http://www.aps.uoguelph.ca/~aquacentre/aars/aars.html)

By Richard Moccia and David Bevan of the Aquaculture Centre

### In Case You Missed It!

**Aquaculture fostered in deal with Canada**
(FIS Canada, April 2, 2009)
[http://fis.com/fis/worldnews/worldnews.asp?monthyear=4-2009&day=2&id=31901&l=e&country=&special=&ndb=1&df=0](http://fis.com/fis/worldnews/worldnews.asp?monthyear=4-2009&day=2&id=31901&l=e&country=&special=&ndb=1&df=0)

**BC Farmed Salmon Demand and Economic Contribution High**
(Price WaterhouseCoopers, April 2009)

**Canada: Steven Blaney, MP Announces Funding to Support Aquaculture Innovation in Quebec**
(Aquahoy, April 1, 2009)
[www.aquahoy.com/content/view/7248/lang,en/](http://www.aquahoy.com/content/view/7248/lang,en/)

**Funding announced for mussel aquaculture in Newfoundland and Labrador**
(Novanewsnow.com, April 1, 2009)

#### Up Coming Events

**Aquaculture Canada 2009**
*Nanaimo, British Columbia* (May 10-13, 2009)
[www.aquacultureassociation.ca/ac09/index.html](http://www.aquacultureassociation.ca/ac09/index.html)

**LUND Shellfish Festival**
*(Lund, British Columbia* May 22-24, 2009)
[http://bcsga.ca/?page_id=40](http://bcsga.ca/?page_id=40)

**World Aquaculture 2009**
*Veracruz, Mexico* (May 25 - 29, 2009)
[www.was.org/WasMeetings/meetings/WA09_Index.aspx?code=WA2009](http://www.was.org/WasMeetings/meetings/WA09_Index.aspx?code=WA2009)

**AquaFair 2009**
*St. George, New Brunswick* (June 12-13)
[www.aquafair.ca](http://www.aquafair.ca)

**AquaNor**
*Norway* (August 18 – 21, 2009)

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### Student Endowment Fund Donors


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**Thank you!**

Did you donate to the Student Endowment Fund this year and we missed you in the Watermark? Let us know!
Aquaculture Canada™ 2009

May 10-13, 2009
THE COAST BASTION INN, NANAIMO, BRITISH COLUMBIA
Aquaculture: Meeting the Challenges • L’Aquaculture: Réalisons les défis

Keynote Speaker:
Dr. Barry Costa-Pierce, University of Rhode Island
Making Aquaculture Part of Our Culture: Aquatic Foods and the Localvore

Plenary Speakers:
Dr. Richard Beamish, Fisheries and Oceans Canada
The Importance of Aquaculture and Hatcheries to Fisheries in British Columbia as our Climate Changes
Mr. Tim Davies, Redcorp Ventures Ltd.
Navigating Sustainable Development

Sessions Planned:
1. Aquaculture Certification and Traceability – Global and Local Solutions
2. Fish Welfare
3. Application of Genome Science to Sustainable Aquaculture
4. First Nations’ Opportunities and Challenges in Aquaculture Development
5. Aquatic Invasive Species
6. Integrated Multi-Trophic Aquaculture
7. Alternative Finfish Aquaculture
8. Alternative Shellfish Aquaculture
9. Freshwater Aquaculture
10. Aquaculture Education and Training
11. The Human Dimensions of Aquaculture
12. Aquaculture Innovation and Market Access Program (AIMAP) Update
13. Ecosystem Approaches: Strategies, Tools and Techniques to Meet the Challenge of Sustainability
   A. Strategies for an EBA Approach
   B. Tools for an EBA Approach
   C. Techniques: the Nuts and Bolts for an EBA Approach
14. Environmental Interactions: New Perspectives
   A. New Perspectives on Predator Protection
   B. New Perspectives on Closed Containment
   C. New Perspectives on Sustainable Feeds
   D. New Perspectives on Sea Lice

http://www.aquacultureassociation.ca/ac09/index.html

General Information/Renseignements généraux:
Conference Coordinator: Joanne Burry • Tel: 709-437-7365 • Email: jmburry@nl.rogers.com

26th Annual Meeting of the AAC
26e Réunion Annuelle de l’AAC

Partners:
Aboriginal Aquaculture Association
Canary Island Aquaculture Association
BC Salmon Farmers Association
BC Shellfish Growers Association

Canadian Aquaculture Industry Alliance
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Membership benefits Include:

• Subscriptions to the AAC Bulletin and World Aquaculture

• Reduced subscription rates for Northern Aquaculture and Hatchery International

• Reduced registration fees at AAC and World Aquaculture Society (WAS) conferences

• Access to scholarships, travel awards and best paper awards

• Opportunities to meet colleagues and industry reps from across Canada

**Make valuable connections for future employment**

For more information:

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