



Update

Electronic Newsletter for AquaNet Members
January 15, 2003

Important Dates

February 2003

Research Management Committee Meeting
to review all applications

March 2003

Board of Directors Meeting
to review RMC recommendations

October 22-25, 2003

AquaNet III, Vancouver, BC

Announcements

Administrative Centre

Welcome to the latest issue of **Update**. This newsletter is the main internal communications avenue for AquaNet members. The deadline for submissions is the 15th of each month. Submissions / questions can be sent to info@aquanet.ca

AquaNet III

The venue and date for the next AquaNet Annual Research Conference have been set. AquaNet III will occur October 22-25, 2003 at the Hyatt Regency in Vancouver, BC.

The Admin Centre will be co-ordinating the meeting with input from the Board of Directors and the Theme Leaders. We look forward to welcoming you in Vancouver later this year.

So mark your calendar now!!

Network Investigators

Congratulations are extended to Dr. Thierry Chopin,

the new Vice-President Elect of the 2000 member Phycological Society of America. He will be promoted to President in 2004. He is only the third person from outside the United States to occupy this post in the 57 year history of the society. Dr. Chopin, from the University of New Brunswick (Saint John), is the Principal Investigator of EI 12, *A multi-disciplinary approach with the integration of three trophic levels (fish / shellfish / seaweed) for the development of sustainable aquaculture systems.*

Research Summaries

- Updated and Searchable

As part of our continuing effort to maintain an up-to-date, dynamic web-site, AquaNet has recently developed and implemented an on-line database.

All research project summaries are searchable by topic and theme, and include lists of investigators, researchers, partners, collaborators and current publications. This format is intended to further promote knowledge transfer from AquaNet to the aquaculture sector, as well as within our Network, and to facilitate identifying linkages between projects.

To view the updated summaries, follow the link:

www.aquanet.ca/projects.html

We welcome your comments and suggestions on the project summaries. Please forward any additional, updated information to the Admin Office.

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Acknowledgement of AquaNet Funding

AquaNet researchers are reminded that those presenting research that has been funded by AquaNet, should acknowledge this in the following manner: *This research has been supported in part by funds from AquaNet, the Network of Centres of Excellence for Aquaculture.*

This text along with suitable logos can be found in the members section of the website:

www.aquanet.ca/members/memack.html

Publications / Media Reports Relating to AquaNet Research

If you have had a paper published or a press release issued on your AquaNet-funded research project, please send us a copy for our records. We are always interested in receiving news reports about AquaNet researchers.

Education Committee News

AquaNet Sponsored Workshops

Upcoming

1. The *Newfoundland Aquaculture Industry Association*, in collaboration with the *Newfoundland and Labrador Department of Fisheries and Aquaculture* will deliver a **Determination of Redox Potential and Sulfide Levels for Benthic Samples at Aquaculture Sites Workshop**, February 4, 2003 in Gander, NL.

This workshop will demonstrate the required practices and equipment for taking bottom samples related to redox and sulphide measurements. It will outline acceptable methodology for taking measurements, calibration and maintenance procedures, as well as sample site determination. Upon completion of this workshop, the ultimate goal is for farm operators and potential aquaculture license applicants to have the tools and information necessary to gather the benthic information required for DFO and the Aquaculture Licencing Process.

For further information on this workshop contact:

Mike Rose (mikerose@naia.nf.net)

Melissa Struthers (mstruthers@mun.ca)

or visit: www.aquanet.ca/education/upcoming.html

2. The *Dalhousie AquaNet Law & Policy Project* is preparing to host the **Canadian Aquaculture Law & Policy Workshop: Towards Principled Access and Operations**, February 26-28, 2003, in Halifax, NS. This workshop will provide a forum for participants to exchange ideas and share information on the ever-changing legal, political, and social issues that continue to shape the aquaculture industry.

For further information on this workshop contact:

Joan Cottell (cottelljb@gov.ns.ca)

Susan Rolston (srolston@is.dal.ca)

Melissa Struthers (mstruthers@mun.ca)

or visit: www.library.dal.ca/law/aquanet/whatsnew.htm

3. The *Alberta Fish Farmers Association*, in collaboration with the *Aquaculture Section of Alberta Agriculture, Food & Rural Development* and the *Alberta Aquaculture Centre of Excellence*, will deliver an **Introduction to Aquaponics Workshop**, March 7-8, 2003 in Brooks, AB. The workshop will address aquaponics in some depth, starting with the basic requirements of fish and plants in an enclosed system, then consider the available technologies to raise fish in tanks, provide food and oxygen, control temperature, remove ammonia and nitrites, treat solid wastes and recycle the water.

The workshop will also address fish health, control of plant disease and pests, and nutritional requirements, while considering marketability of aquaponics products. It will address some of the economic issues, practical aspects of aquaponics technology and examine a system already in place at the research centre. All this will be done in the context of land based aquaponics in a western temperate inland setting.

For further information on this workshop contact:

Eric Hutchings (eric.hutchings@gov.ab.ca)

Melissa Struthers (mstruthers@mun.ca)

or visit: www.aquanet.ca/education/upcoming.html

Delivered

1. Approximately 70 people attended the **Infectious Hematopoietic Necrosis Workshop** held January 10-12, 2003 in Campbell River, BC, organized by the *British Columbia Salmon Farmers Association*.

If anyone would like a copy of the workshop summary for the above delivered workshop, or any other AquaNet sponsored workshop, contact Melissa Struthers (mstruthers@mun.ca).

Please visit the following link for updated information on AquaNet sponsored workshops.

www.aquanet.ca/education/workshopinfo.html

Travel Subsidies

Research Placements

Dr. Harry Murray (NRC Institute for Marine Biosciences) has been awarded a travel subsidy to participate in a research placement at the **Instituto de Ciencias Marinas de Andalucia** (CSIC), Spain to learn about producing micro-encapsulated diets which could later be used in experimental diet production for marine aquaculture candidates in Atlantic Canada. This is an ideal opportunity to promote knowledge and technology exchange, since Dr. Murray has been asked to share knowledge about the site hybridization techniques that he currently employs with members of the CSIC.

Policy Workshop on February 26-28, 2003, in Halifax, NS.

Dr. Kyoung Park (Institute for Marine Biosciences-NRC), **Dr. Shannon Balfry** and **Paige Ackerman** (The University of British Columbia) have been awarded travel subsidies to attend the *Infectious Hematopoetic Necrosis Workshop* on January 10-12, 2003 in Campbell River, BC.

AquaNet Sponsored Workshops

HollyAnn Longstaff (The University of British Columbia), **Kelley Baltzer** (Dalhousie University) and **Dean Bavington** (Wilfrid Laurier University) have been awarded travel subsidies to attend the *Canadian Law and*

For further information on AquaNet education and training initiatives, please visit the following link

www.aquanet.ca/education.html

or contact

Melissa Struthers, Education Officer
tel: 709-737-8093
e-mail: mstruthers@mun.ca

Research Positions

The AquaNet *Research Positions* web page includes links to résumés and curriculum vitas of individuals seeking graduate, post-doctoral and other research positions within AquaNet. Several résumés and curriculum vitae have already been received and posted.

Any new research positions available within AquaNet may be forwarded to Melissa Struthers, Education Officer (mstruthers@mun.ca) for posting on this web page.

It was decided that the *Research Positions* web page is a more appropriate venue than the Update to post information on research positions available and individuals seeking research positions. This venue allows for new postings to be available almost immediately, and as well, increases the accessibility and distribution of this information.

Please visit our *Research Positions* web page (www.aquanet.ca/researchpositions/positions.html) often to review new postings.

Conference Announcements

Scotian Pride

January 24 - 25, 2003

Ramada Plaza Hotel, Dartmouth, Nova Scotia

Scotian Pride 2003 is a virtual cornucopia of speakers and events. Here are the highlights.

- The Hon. Gordon Balsler, provincial Minister of Fisheries for Nova Scotia, will open the conference along with a representative from the Federal Minister of Fisheries.
- The Keynote speaker is Ron Bulmer, President of the Fisheries Council of Canada who will speak about the problems of getting product across the border especially after Sept. 11 and the ensuing laying down of strict and stiff regulations.
- David Rideout, Executive Director of CAIA will talk about the industry's response to the latest David Suzuki campaign *Farmed and Dangerous*.
- Hear the Office of Sustainable Aquaculture's latest policy initiatives.
- The latest initiatives by the Aquaculture Association of Nova Scotia - moving on with the Environmental Monitoring Program presented by one of its author's - Robin Stuart; the issue with tunicates addressed by Peter Darnell; the latest on the Char Viability study - by Brian Muise; an over view of the impact of MSX on NS industry and the Launch of the new AANS web site - by Jason Mullen.
- Hear short snappy presentations by students on their R&D projects of concern to the aquaculture industry.
- Outstanding speakers from the United States and Canada at the MSX Workshop will discuss the impact on their operations and what has been done to counter-act it.
- Running concurrently with the workshop are sessions on the new Agri-Food(Canada) Industry Market Strategies - the latest Tax Incentives for Scientific Research and Experimental Development; an economic panel on accessing funding from banks; and much more.

There will be networking opportunities - a Reception Fri. night hosted by the NS Dept. of Fisheries and Agriculture and a grand finale Sat. night at the banquet with the presentation of the Jim McNeill Award and Best Student Award; with entertainment to follow.

Contact the following individuals for information:

Sirje Weldon, Executive Director
Sweldon.aans@ns.sympatico.ca

Jason Mullen, Research and Development Coordinator
Jmullen.aans@ns.sympatico.ca

(902) 422-6234

Canadian Aquaculture Law & Policy Workshop

February 26 - 28, 2003

Halifax, Nova Scotia

The *Dalhousie AquaNet Law & Policy project* is preparing to host the **Canadian Aquaculture Law & Policy Workshop: Towards Principled Access and Operations**. This workshop will provide a forum for participants to exchange ideas and share information on the ever-changing legal, political, and social issues that continue to shape the aquaculture industry.

This workshop brings together high-level policy makers, industry leaders, First Nations participants and others, including AquaNet investigators from across the country, with international speakers from the United States, Australia, New Zealand, Chile and Europe.

The venue for this workshop is the Westin Hotel, located in downtown Halifax, Nova Scotia.

Follow the links below to access more information.

AquaNet Law & Policy Project
www.library.dal.ca/law/aquanet/alppmain.htm

Canadian Aquaculture Law & Policy Workshop
www.library.dal.ca/law/aquanet/whatsnew.htm

Conference Announcement and Program
www.library.dal.ca/law/aquanet/aquanetbro.pdf

Sixth International Conference on Sea Lice

July 2 - 5, 2003

St. Andrews, New Brunswick

The 6th International Conference on Sea Lice will focus on various aspects of sea lice, including management considerations and biology. Invited topics include: sealice management and control; Chemotherapeutants and resistance; Host response; fish health, proteconomics and vaccines; Lice biology, genetics, transmission.

The conference is co-hosted by the Huntsman Marine Science Centre and the St. Andrews Biological Station (DFO).

For further information please contact the following organiser:

Dr. Mark J. Costello
The Huntsman Marine Science Centre
astevens@huntsmanmarine.ca

**Cold-Harvest 2003
Cultivating a Sustainable Future**

March 18 - 20, 2003
Albatross Hotel, Gander, NL

Conference and Trade Show
Newfoundland Aquaculture Industry Association (NAIA)

Please join us ...
NAIA's 10th Annual Conference and Trade Show

- benefit from great industry exchanges and socialising
- plus, we always build in a little fun!
- keynote presentations by internationally recognized industry leaders
- hear updates on species under culture
- learn more about the value of good public relations and marketing
- special sessions on R & D coordination
- new information regarding developmental tax credits
- and more conference info besides!
- industry trade show offers an invaluable marketplace for commerce and ideas
- your chance to impress the growing industry in this Province!

Visit our website for regular program updates.
www.naia.nf.net

For more information:
Conference Chair: Cyr Couturier
cyr@mi.mun.ca or 709-778-0609

Trade Show: Brian Power
bpower@naia.nf.net or 709-754-2854

NAIA ...the official voice of the aquaculture industry in Newfoundland & Labrador.

14th International Pectinid Workshop

April 23-29, 2003
St. Petersburg, Florida

The 14th International Workshop on Pectinids will focus on the biology, taxonomy, reproduction, physiology, fisheries, aquaculture and economics of scallops. We invite both oral and poster presentations of topics including taxonomy, genetics, algal toxins, nutrition, growth and mortality, reproduction, larval recruitment, predation, stock assessment and restoration, diseases, aquaculture techniques and economics.

Pectinid Web Site
<http://conference.ifas.ufl.edu/scallops>

**Aquaculture Canada 2003
Progressing Through Culture -
Two Decades and Beyond**

20th Annual Meeting of the
Aquaculture Association of Canada

29 October - 1 November 2003
Victoria Conference Centre, Victoria, BC

Join us for fun, socialising and great scientific, business, and technical presentations at the 20th annual meeting of the Aquaculture Association of Canada.

The AAC has been at the forefront of information exchange and networking over the past 20 years for the aquaculture industry, students, academia, researchers and government, by bringing topical and sometimes controversial issues to the public through the annual meeting. The theme "Two Decades and Beyond" underscores the successful development and maturation of the aquaculture industry in Canada and its bright, sustainable future.

Aquaculture Canada 2003, the national forum on the business, science and technology of aquaculture, will be held jointly with BC's largest and most successful aquaculture trade show - the Aquaculture Pacific Exchange. More than 200 booths will be available during this exciting event to promote products, techniques and expertise.

AC03 Chair: Dr. S. Robinson
robinsonsm@mar.dfo-mpo.gc.ca - 506-529-5932

Conference Coordinator: L. Hiemstra
hiemstra@mala.bc.ca - 250-740-6368

Program: C. Hendry
chendry@gov.nf.ca - 709-292-4117

Secretariat: K. Shafer
aac@mar.dfo-mpo.gc.ca - 506-529-4766

Trade Show: S. Peacock
speacock@masterpromotions.ca - 1-888-454-7569

Conference: **www.aquacultureassociation.ca**
Trade Show: **www.masterpromotions.ca**