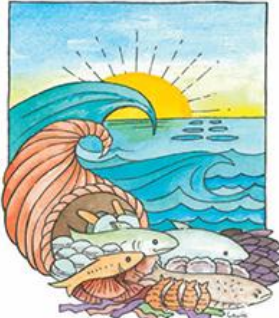




### **Aquaculture Canada<sup>OM</sup> 2013**

**Dear AAC Members;**

#### **Aquaculture Canada<sup>OM</sup> 2013**



June 2<sup>nd</sup>-5<sup>th</sup> 2013, the AAC will hold its annual meeting Aquaculture Canada<sup>OM</sup> in Guelph (ON). The theme of next year's meeting, organized in association with the University of Guelph, is "Farming our Waters – Agrifood Innovations."

As in previous years, the meeting will include many sessions that will be of interest to the whole aquaculture sector. For AC13 we will take advantage of the expertise developed at the University of Guelph to include discoveries and issues in the global context of agrifood production. Both the organizing and the program committees, co-chaired by Grant Vandenberg and Rich Moccia, are working hard to ensure the success of this 30<sup>th</sup> edition of our annual meeting, to make this meeting a great learning experience and ensure that you will have a pleasant and rewarding stay in Guelph.

On behalf of the whole AAC membership, I would like to recognize our Ambassador Team (Tillmann Benfey, Cyr Couturier, Chris Hendry, Linda Hiemstra, Jeff Davidson, Jeff Eastman, Nathalie LeFrançois, Jay Parsons, and Chris Pearce) that helped us with our recent membership drive. They devoted their valuable time and effort for the benefit of AAC and they deserve our gratitude and thanks.

Many activities are planned for the months to come including our Science Panel initiative. Thank you to those who participated in our survey to identify the key issues you are facing. Please check our Web site regularly for more information.

It is also time to begin the process for the upcoming AAC Board election. Several Board of Director positions will be available in June 2013. If AAC is important to you, please do not hesitate to submit your candidature, we need you!

All relevant information regarding the annual meeting, election and science panels will be found in the Watermark, on our Web site and through e-mail communications to membership. Do not hesitate to contact us if you have questions or concerns.

Looking forward meeting you in Guelph.

Céline Audet  
Aquaculture Association of Canada  
President, 2012-2013

#### **Chers membres de l'AAC:**

#### **Aquaculture Canada<sup>OM</sup> 2013**



Du 2 au 5 juin prochain, l'AAC tiendra son congrès Aquaculture Canada<sup>OM</sup> 2013 à Guelph (Ontario) sous le thème « Cultiver nos eaux – Innovation en agroalimentaire ». Comme à chaque année, le congrès offrira des sessions d'intérêt pour

l'ensemble du secteur, mais cette conférence nous permettra également de profiter des compétences développées à l'Université de Guelph et d'intégrer nos découvertes et préoccupations dans le domaine plus large de la production alimentaire. Le comité organisateur et le comité de programme, co-présidés par Grant Vandenberg et Rich Moccia, mettent tous les efforts requis pour assurer le succès de cette 30<sup>ième</sup> édition de notre conférence annuelle, vous assurer un séjour profitable et agréable et faire en sorte que vous sortiez enrichis de cette expérience.

En votre nom à tous, je profite également de l'occasion pour remercier les membres de notre équipe d'ambassadeurs (Tillmann Benfey, Cyr Couturier, Chris Hendry, Linda Hiemstra, Jeff Davidson, Jeff Eastman, Nathalie LeFrançois, Jay Parsons, and Chris Pearce) qui ont bien voulu nous leur soutien lors de la dernière campagne de recrutement. Ils ont mis beaucoup d'efforts et de temps pour nous aider et nous les en remercions chaleureusement.

Plusieurs activités sont en préparation pour les mois à venir incluant des rendez-vous scientifiques avec des experts dans des domaines ciblés par vous comme étant d'intérêt général pour les membres de l'AAC. Merci à ceux qui ont participé à notre sondage visant à définir les thèmes qui seront privilégiés et n'hésitez pas à consulter notre site Web régulièrement pour des compléments d'informations.

Il est également temps pour nous de lancer le processus d'élections, plusieurs sièges au sein du conseil de direction étant à pourvoir. Si l'engagement envers l'AAC vous tient à cœur, n'hésitez surtout pas à poser votre candidature. Toutes les informations relatives à celles-ci de même qu'à notre prochain congrès seront largement diffusées par le biais de notre site Web ou d'envois courriels à nos membres via notre bureau de direction, mais n'hésitez pas à communiquer avec nous si vous avez quelque question que ce soit.

Au plaisir de vous revoir en grand nombre à notre rendez-vous annuel.

Céline Audet  
Association Aquacole du Canada  
Présidente 2012-2013

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## *AAC Ambassadors Team*

Over the last few months, the AAC has implemented a new program with the goal of enhancing member value and ensuring we are effectively representing your interests.

The AAC Ambassadors Team is comprised of AAC members chosen to ensure that the membership is represented geographically and sector-wide. The Ambassador's Team will be engaged by the membership committee throughout the year and will assist in the delivery of AAC key messages, assist with member recruitment and retention initiatives and help ensure member value through the identification of effective programs and services.

The Ambassador's Team will be a direct conduit between membership and the Membership Committee. Regular communication with members by the Ambassadors will help the AAC better serve its members through an ongoing two way communication through peer relationships and regular contact.

The founding Ambassadors are:

Dr. Tillmann Benfey, University of New Brunswick Fredericton; Cyr Couturier, Marine Institute; Dr. Jeff Davidson, University of PEI; Jeff Eastman, Manitoba Agriculture, Food and Rural Initiatives; Chris Hendry, DFO, NL Region; Linda Hiemstra, Mel-Mor Science; Nathalie Le Francois, University of Quebec, Rimouski; Dr. Jay Parsons, DFO, Ottawa; and Dr. Chris Pearce, DFO, Pacific Biological Station.

We are indebted to these founding Ambassadors who have volunteered to assist with membership issues and who have already shown their commitment and enthusiasm.

Thank you all so much!

Ambassadors have volunteers for a two year term and participated in a membership drive during the month of October. We presented two awards during this annual membership drive: Congratulations to Cyr Couturier for signing up the first member during the October membership drive and to Chris Pearce for bringing in the most members!

Undoubtedly you will be hearing from one of our Ambassadors over the next year. Please share your thoughts, concerns and wishes with them and they will ensure your thoughts are brought forward and addressed.

As always, I would also like to encourage you to contact me with any questions or suggestions on how we can better serve you. You can contact me anytime at [gail.ryan@bellaliant.net](mailto:gail.ryan@bellaliant.net)

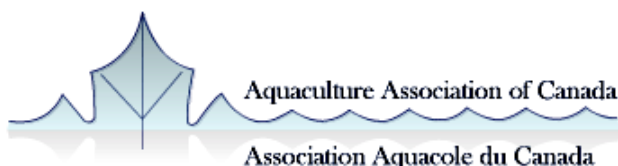
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## Watermark Production and Editing

Gail Ryan

### AAC Board of Directors

President: Céline Audet  
President-elect: Shelley King  
Vice President: Joy Wade  
Secretary: Caroline Graham  
Treasurer: Kathy Brewer-Dalton  
Past President: Tim Jackson  
Directors: Matt Liutkus, David Stirling, Gregor Reid, Grant Vandenberg



## AAC Board of Directors Call for Nominations



*Tim Jackson, Election Committee Chair*

*(Le français suit.)*

**T**he Aquaculture Association of Canada is looking for nominees to serve two (2) year terms on its Board of Directors for 2013-2015.

This year, we have six (6) Board seats which are being vacated, five (5) regular Director's seats and one (1) seat to be filled by a Student Representative to be elected on a separate ballot.

To be approved as a Nominee for a regular Director seat, the individual must be an AAC member in good standing and must agree to allow their name to stand for election.

For Student Representative Nominees, in addition to the above, individuals must also be either a registered student or planning to register for the upcoming academic year.

Nominations will close at 17h00 Eastern Time, January 16, 2013. Nominations can be submitted to:

Tim Jackson, AAC Past-President,  
[tjacksonaac@gmail.com](mailto:tjacksonaac@gmail.com)

Or

Aquaculture Association of Canada office,  
[aac@dfo-mpo.gc.ca](mailto:aac@dfo-mpo.gc.ca)

For any questions or concerns, please contact  
Tim Jackson at [tjacksonaac@gmail.com](mailto:tjacksonaac@gmail.com)

### **Nominations au Conseil d'administration de l'AAC**

L'Association aquacole du Canada (AAC) cherche des candidats prêts à servir sur le Conseil d'administration 2013-2015. La durée des mandats est de deux (2) ans.

Cette année, on a six (6) postes de directeurs qui doivent être comblés : cinq (5) sièges de directeurs réguliers et un (1) siège pour un(e) représentant(e) étudiant(e) qui sera élu sur un bulletin de vote distinct.

Pour poser votre candidature comme membre du CA, il faut être membre en règle de l'AAC et être d'accord pour que votre nom apparaisse sur le bulletin de vote.

Pour les candidats au poste de représentant(e) étudiant(e), vous devez soit être inscrits comme étudiant ou prévoir être inscrits pour l'année académique à venir.

La clôture de la période de nominations sera à 17h00 heure normale de l'Est, le 16 janvier, 2013. Les nominations peuvent être soumises à :

Tim Jackson, AAC Past-President,  
[tjacksonaac@gmail.com](mailto:tjacksonaac@gmail.com)

Ou

Bureau de l'Association Aquacole du Canada,  
[aac@dfo-mpo.gc.ca](mailto:aac@dfo-mpo.gc.ca)

Pour toute question ou demande de précisions,  
SVP contactez Tim Jackson à  
[tjacksonaac@gmail.com](mailto:tjacksonaac@gmail.com)

### **Aquaculture Association of Canada's Policies, Rules and Regulations (revised April 2012) pertaining to Nominations.**

#### *H – Elections*

*H1. Approval of Nominations. At the midyear meeting of the Board the Chairman of the Election Committee shall provide for Board consideration a slate of nominees equal to no less than 50% more than the required number of candidates to fill the elected positions on the Board of Directors (modified 15 January 1999). The slate of nominees shall include a minimum of two (2) student representatives when the student representative seat on the Board of Directors is available (Modified April 2012).*

*H2. Eligibility to Serve. No person shall be approved as a nominee for elected office in the Association unless they are a member a good standing and until they have agreed to run for office if approved as a candidate and to serve if elected. Past-presidents are not eligible for nomination and re-election to the Board for a period of two years following the end of their term as past-president (modified 5 December 1992). AAC will make every effort to have student representation on the ballot. (15 January 1999). The Student Representative nominees must be registered, or planning to register, as students in the upcoming academic year (Modified April 2012)*

## York University Seeking Industrial Partner

York University is proposing the establishment of an Industrial Research Chair (IRC) in Lipid Dynamics, focusing on the production of long-chain Omega-3 essential fatty acids. The IRC program of NSERC is designed to encourage commercially-oriented collaborations between Canadian university researchers and industry partners, and provides federal matching research funding and generous tax credits for industry support. For its investment in this research, the industrial partner will have early access to research findings. The industry support required will range from \$100,000 to \$200,000, annually for five years, which may come from one or more partners.

The Chair candidate, Dr. Michael Arts, is an acknowledged expert in the study of essential fatty acids from aquatic sources, and looks forward to developing innovative metrics, tools and products for commercial use.

If you are interested in collaborating with York University or to find out more information please contact:

Tom McLagan, MBA, CFRE  
Senior Development Officer  
Faculty of Science & Engineering  
University Development Team  
334 Lumbers Building  
York University, 4700 Keele St.  
Toronto ON M3J 1P3  
T: 416.650.8141 F: 416.650.8032  
e: tmclagan@yorku.ca

### **ACRDP - Call for Proposals and Priorities/PCRDA - L'Appel de Propositions et les Priorités**

(La version française suit)

Fisheries and Oceans' Aquaculture Collaborative Research and Development Program (ACRDP) has had another successful year of funding interesting, innovative and important research projects and

workshops aiding in sustainable aquaculture industry development with respect to fish health and environmental performance issues. To help continue the program's successes, we wanted to proactively get in touch with you regarding two items pertaining to our quickly approaching next call for proposals, as well as the research priority development exercise which took place at our last National ACRDP Meeting, in March.

### **RESEARCH PROJECTS - CALL FOR PROPOSALS REMINDER**

The next call for proposals deadline – for research projects beginning in the **2013-14 fiscal year** - will occur on **February 1, 2013**. Proposals which support marine research and development under the program objectives of Environmental Performance and Optimal Fish Health will be accepted. Further information about the application process and program objectives is available at: <http://www.dfo-mpo.gc.ca/science/enviro/aquaculture/acrdp-pcrda/index-eng.htm>. Applications should be submitted electronically to [ACRDP-PCRDA@dfo-mpo.gc.ca](mailto:ACRDP-PCRDA@dfo-mpo.gc.ca). If you have any questions or concerns regarding types of projects which might be funded or the application process, please contact Corina Busby ([Corina.Busby@dfo-mpo.gc.ca](mailto:Corina.Busby@dfo-mpo.gc.ca) or by phone at 613-949-7525).

Workshop proposals are accepted at any time during the year. Please contact Joanne Power ([joanne.power@dfo-mpo.gc.ca](mailto:joanne.power@dfo-mpo.gc.ca) or 613-998-2904) for more information or to submit your workshop application.

### **ACRDP RESEARCH PRIORITIES – VALIDATION OPPORTUNITY**

A developed list of ACRDP research priorities has been recently posted on our website and can be found at the following link, under “2. NATIONAL RESEARCH PRIORITIES”:

<http://www.dfo-mpo.gc.ca/science/enviro/aquaculture/acrdp-pcrda/info-eng.html>

This list is meant to guide the submission of proposals for research of priority to both DFO and the aquaculture industry. As promised however, we will be revisiting this list, for further validation and applicability to the upcoming research year, at our upcoming National Meeting. As such, we would like to encourage you, now, to engage with your various colleagues and association members, to review this list of priorities, so that during our face-to-face meeting, we might have a directed and focused conversation on potential improvements to this list, as well as approaches to how these priorities might be ranked, if desired.

As such, please consider the following questions when reviewing and discussing these priorities with colleagues, prior to our National Meeting.

- Is this list accurate?
- Should this list be ranked?
- Should the list be more/less detailed?
- Are there any priorities missing, or any gaps which should be identified?

Thank you in advance for your time and input on this. We are looking forward to future discussions on these priorities and the upcoming year of ACRDP projects and workshops.

All the best,  
Jay

\*\*\*\*\*

**L**e Programme coopératif de recherche et développement en aquaculture (PCRDA) de Pêches et Océans Canada a encore une fois cette année financé des projets intéressants, innovateurs et importants ainsi que des ateliers sur la santé du poisson et le rendement environnemental qui favorisent le développement durable de l'industrie de l'aquaculture. Afin de poursuivre dans cette lignée, nous voulions communiquer avec vous afin d'obtenir votre opinion sur deux points qui seront importants pour le prochain appel de propositions qui approche à grands pas, ainsi

que sur l'exercice d'établissement des priorités en matière de recherche qui s'est déroulé lors de notre dernière réunion nationale du PCRDA en mars dernier.

## **PROJETS DE RECHERCHE – RAPPEL CONCERNANT L'APPEL DE PROPOSITIONS**

La date limite du prochain appel de propositions – pour les projets de recherche qui débiteront au cours de **l'exercice financier 2013-2014** – est le **1<sup>er</sup> février 2013**. Les propositions qui appuient la recherche et le développement marins et qui satisfont aux objectifs du Programme en matière de rendement environnemental et de santé optimale des poissons seront acceptées. Pour obtenir davantage de renseignements sur le processus de présentation d'une demande et sur les objectifs du Programme, visitez le site suivant : <http://www.dfo-mpo.gc.ca/science/enviro/aquaculture/acrdp-pcrda/index-fra.htm>. Les demandes doivent être envoyées par voie électronique à : [ACRDP-PCRDA@dfo-mpo.gc.ca](mailto:ACRDP-PCRDA@dfo-mpo.gc.ca). Si vous avez des questions ou des préoccupations concernant les types de projets qui peuvent bénéficier d'un financement, ou concernant le processus de présentation d'une demande, veuillez communiquer avec Corina Busby ([Corina.Busby@dfo-mpo.gc.ca](mailto:Corina.Busby@dfo-mpo.gc.ca) ou 613-949-7525).

Les propositions d'ateliers sont acceptées à tout moment au cours de l'année. Veuillez communiquer avec Joanne Power ([joanne.power@dfo-mpo.gc.ca](mailto:joanne.power@dfo-mpo.gc.ca) ou 613-998-2904) pour obtenir de plus amples renseignements ou pour soumettre votre proposition.

## **PRIORITÉS DU PCRDA EN MATIÈRE DE RECHERCHE – OCCASION DE VALIDATION**

Une liste des priorités du PCRDA en matière de recherche a récemment été affichée sur notre site Web et est accessible au lien suivant, « 2. PRIORITÉS NATIONALES EN MATIÈRE DE RECHERCHE »:

<http://www.dfo-mpo.gc.ca/science/enviro/aquaculture/acrdp-pcrda/info-fra.html>

Cette liste vise à orienter la soumission des propositions de recherches prioritaires, tant pour le MPO que pour l'industrie de l'aquaculture. Toutefois, tel que promis, nous réviserons cette liste lors de notre prochaine réunion nationale afin de la valider et de nous assurer qu'elle s'applique aux projets de recherche du prochain exercice financier. Par conséquent, nous vous encourageons maintenant à examiner cette liste de priorités avec vos collègues et les membres de l'association afin que nous puissions tenir une conversation éclairée sur les améliorations possibles à cette liste lors de notre réunion en personne ainsi que sur les approches à adopter pour classer ces priorités, au besoin.

Nous vous demandons donc de tenir compte des questions suivantes lorsque vous réviserez la liste et de discuter de ces priorités avec vos collègues avant notre prochaine réunion nationale.

- La liste est-elle exacte?
- Les priorités qui figurent sur cette liste devraient-elles être classées?
- La liste devrait-elle être plus ou moins détaillée?
- Y a-t-il des priorités manquantes ou des lacunes qui devraient être comblées?

Nous vous remercions à l'avance de votre temps et de votre participation. Nous sommes impatients de discuter de ces priorités ainsi que des projets et des ateliers à venir pour le PCRDA.

Sincèrement,  
Jay

**Jay Parsons, PhD**

Director | Directeur  
Aquaculture Science Branch | Direction des sciences de l'aquaculture  
Fisheries and Oceans Canada | Pêches et Océans Canada  
200 Kent Street, Stn 12E239 Ottawa, ON  
Canada K1A 0E6  
tel. | tél. 613-990-0278 fax. | téléc. 613-990-0313  
email | courriel [Jay.Parsons@dfo-mpo.gc.ca](mailto:Jay.Parsons@dfo-mpo.gc.ca)

## 2013 Aquaculture R&D Review – Call For Project Summaries

*Le français est la prochaine)*

The fifth edition of the Aquaculture R&D Review is being developed with the support of the Aquaculture Association of Canada (AAC). As with previous reviews, this review will include all Canadian aquaculture-related research carried out in, or in association with, universities, government labs, and other organizations. It is intended to allow those involved with aquaculture research to increase awareness of their projects within Canada and abroad, thereby helping to solidify a community with a common vision for the future development of the Canadian aquaculture sector. Similar to the previous four editions (2005, 2007, 2009, and 2011) this national review of aquaculture research and development will provide brief summaries of current research projects, in-depth coverage of select projects, and overviews of the various funding organizations in Canada that support aquaculture R&D. There will be French and English versions, and it will be published in March 2013 in a magazine-style format similar to the 2011 publication, with 100 pages or more of valuable and accessible information.

If you are interested in sharing information about your recent or current aquaculture-related research with a broad audience, please submit the following information for each of your projects:

1. **Project Summaries:** A summary of the research project in 150-200 words. This can be submitted in either English or French. **Please include all currently active and ongoing research projects. In addition, projects that were completed after March 31, 2012, can be included.** A summary of **project results and/or conclusions** should be included for projects completed or near completion. It would be most appreciated if you submitted summaries that required minimal editing to enable prompt inclusion in the publication.

2. **Digital Photographs:** With each submission we would like high resolution images/photographs that support or enhance the impact of your research project(s). If you have such photos, please include them with your submission along with image credits. High resolution JPEGs or photos (>500 kb) are preferred. If your research team does not have photos readily available, it would be most appreciated if you could find some time to take a few high quality photos associated with your research and include them with your submission. **Please remember to include photo credits.**

*If you have any high resolution images of Canadian aquaculture that you feel would make great cover shots for the Review, please send them to us. We will choose two, one for the front and one for the back cover. You will be famous!*

3. **Project start and end date.**
4. **Project Location** – Laboratory and primary field location if applicable.
5. **Primary project contact person, affiliation, and email. Please also include a list of project team members, with their affiliation, and a list of the collaborating partners, if applicable.**
6. **Project website if applicable.**
7. **The primary funding or co-funding sources.**
8. **Funding source overview:** In addition to the research summaries, we would like you to include a short overview of your funding source in the publication. These must also be in electronic format, preferably MS Word, and can be submitted in English and/or French.

If you have any questions regarding submissions to or about this edition of the Aquaculture R&D Review, please contact me at [D.John.Martell@dfo-mpo.gc.ca](mailto:D.John.Martell@dfo-mpo.gc.ca) or (613) 991-1819.

We look forward to the participation of all those involved in Canadian aquaculture research in the 2013 edition of R&D Review. As with the first four editions, the fifth edition will be a useful tool and source of information on current Canadian aquaculture research and development activities and will be widely distributed to all stakeholders.

## ***R et D en aquaculture de 2013 – appel de résumés de projet***

Le cinquième numéro de R et D en aquaculture au Canada est en préparation avec le soutien de l'Association aquacole du Canada (AAC). Comme celles qui l'ont précédée, cette revue englobera toute la recherche liée à l'aquaculture effectuée au Canada par des universités, des laboratoires du gouvernement ou d'autres organisations, ou en association avec ceux-ci. Elle vise à permettre aux chercheurs en aquaculture de mieux faire connaître leurs projets au Canada et à l'étranger, ce qui aide à renforcer cette communauté qui partage une même vision du développement du secteur canadien de l'aquaculture. À l'instar des quatre numéros précédents (2005, 2007, 2009 et 2011), cette revue nationale de la recherche et développement en aquaculture comprendra des résumés des projets de recherche en cours, un examen approfondi de projets choisis et un survol des diverses organisations de financement canadiennes qui soutiennent la R et D en aquaculture. Disponible en anglais et en français, le magazine, similaire à la publication de 2011, sera publié en mars 2013 et contiendra pas moins de 100 pages d'information pertinente et accessible.

Si vous désirez partager avec un grand public de l'information au sujet de votre projet de recherche en aquaculture, récent ou présent, veuillez soumettre l'information suivante pour chacun de vos projets.

1. **Résumé du projet :** un résumé du projet de recherche en 150-200 mots. Vous pouvez soumettre l'information en anglais ou en français. ***Veuillez inclure tous les projets de recherche en***



**cours ou actifs. De plus, les projets qui se sont terminés après le 31 mars 2012 peuvent être soumis.** Un résumé des **résultats et des conclusions du projet** devrait être inclus pour les projets terminés ou en voie de l'être. Nous vous serions très reconnaissants si vous pouviez soumettre des résumés n'exigeant qu'un minimum d'édition afin de permettre une intégration rapide à la publication.

2. **Photographies numériques :** avec chaque projet présenté, nous aimerions recevoir des photographies ou des images en haute résolution qui éclairent ou renforcent l'impact de votre ou de vos projets de recherche. Si vous avez de telles photos, veuillez les inclure avec votre présentation et en mentionner la source. Nous préférons des fichiers JPG haute résolution ou des photos (>500 kb). Si votre équipe de recherche n'a pas de photos facilement disponibles, il serait très apprécié si vous pouviez prendre quelques photos de bonne qualité, en lien avec votre projet de recherche, et les inclure dans votre soumission. **N'oubliez pas de mentionner les références photographiques.**

***Si vous possédez des images à haute résolution dont le sujet porte sur l'aquaculture canadienne et qui, selon vous, pourraient faire de belles photos de couverture pour la publication de 2013, veuillez nous les faire parvenir. Parmi les photos reçues, nous en choisirons deux : une pour la page couverture et une pour la couverture arrière.***

3. **Date de début et de fin de projet.**
4. **Emplacement du projet** – Laboratoire et principal site de recherche, le cas échéant.
5. **Principale personne-ressource, affiliation et courriel.** Veuillez aussi inclure une liste des membres de l'équipe de projet, avec leur affiliation, et une liste des partenaires collaborateurs, le cas échéant.

6. **Le site Web du projet, le cas échéant.**
7. **Les principales sources de financement ou de cofinancement.**
8. **Survol des sources de financement :** en plus des résumés de recherche, nous aimerions recevoir une brève vue d'ensemble de vos sources de financement qui seront mentionnées dans la publication. Ces renseignements devront aussi être soumis en format électronique, préféablement MSWord, en anglais ou en français.

Pour toute question concernant ce numéro de R et D en aquaculture au Canada, y compris sur la proposition d'un article, veuillez communiquer avec moi à l'adresse [D.John.Martell@dfo-mpo.gc.ca](mailto:D.John.Martell@dfo-mpo.gc.ca) ou par téléphone au 613-991-1819.

Nous espérons que toutes les personnes engagées dans la recherche en aquaculture au Canada participeront à ce numéro de R et D en aquaculture au Canada de 2013. Tout comme les quatre qui l'ont précédé, ce cinquième numéro constituera un outil utile et une source d'information sur les activités de recherche et développement en aquaculture en cours au Canada. Il sera largement diffusé à tous les intervenants du secteur.

## Member Recognition

The AAC has been built from its inception by our members who have made valuable contributions and supported the organization.

We would like to acknowledge those members that have supported us long term and thank them sincerely for their support!

### ***The following have been members since the AAC was formed in 1984 (In order of joining):***

Ian Pritchard  
René Lavoie  
Neil Bourne, Fisheries & Oceans Canada (DFO)  
Neil MacNair, PEI Fisheries, Aquaculture & Rural Development  
Susan Waddy, Fisheries & Oceans Canada (DFO)  
Andrew Boghen  
Julian Hynes  
Dave Aiken, Fisheries & Oceans Canada (DFO)

### ***The following have been members for more than 20 years (In order of joining):***

Allan Castledine  
Cyr Couturier, Memorial University of Newfoundland  
Santosh P. Lall, National Research Council (NRC)  
Gordon Durant  
Terry Hutchinson, McInnes Cooper  
Richard Moccia, University of Guelph  
Louis Deveau, Acadian Seaplants Limited  
John McInerney  
Craig Clarke  
Dan Glofcheskie, North Wind Fisheries Ltd  
Paul Vieira  
Marcel Fréchette, Fisheries & Oceans Canada (DFO)  
G.W. Friars  
Bruce MacDonald, University of New Brunswick (Saint John)  
Terry Smith, University of Manitoba  
Lynne Rideout, Canada Business Newfoundland and Labrador- Library  
Dave Conley, Aquaculture Communications Group, LLC  
Fisheries & Oceans Canada (DFO) - Library  
Daniel Stechey, Canadian Aquaculture Systems, Inc.  
Bedford Institute of Oceanography  
Mary Ellen Walling, BC Salmon Farmers Association (BCSFA)  
W. A. Nowell, Fairmont Kenauk au Château Montebello  
Maurice Monette  
Gary Taylor, Skretting

Henrik Kreiberg, Fisheries & Oceans Canada (DFO)  
Brian Meaney, Fisheries & Aquaculture NL (DFA)  
Tillmann Benfey, University of New Brunswick (Fredericton)  
Linda Hiemstra, Mel-Mor Science  
Chris Pearce, Fisheries & Oceans Canada (DFO)  
Laura Brown, Fisheries & Oceans Canada (DFO)  
Malcolm Winsby, Winsby Environmental Services  
Fisheries & Oceans Canada (DFO) - Library  
Jay Parsons, Fisheries & Oceans Canada (DFO)  
Colin Bornia, Pacific AquaFarms  
Celine Audet, Université du Québec à Rimouski  
Warren D. Nagata, National Research Council (NRC)  
Claire Carver, Carver Marine Consulting  
Peter Hovgaard  
Joy Maclaine, University of Prince Edward Island - Robertson Library  
Terry Odland, Wilbur Ellis Company of Canada  
CEFAS Lowestoft Laboratory - Library  
Laura Halfyard  
James Richard Arthur  
Blythe Chang, Fisheries & Oceans Canada (DFO)  
British Library - Acquisitions Unit (DSC-AO)  
Lawrence Albright  
Iola Price  
Larry Hammell, University of Prince Edward Island  
Barry Hill, Agriculture, Fisheries and Aquaculture (DAFA) NB  
Gilles Theriault, G.T.A. Consultants en Pêches Inc.  
Michael Dadswell, Acadia University  
University of Connecticut (at Avery Point) - CB Cooke Library  
Serials Unit (Killam Library), Dalhousie University  
Craig Wilson, NOAA NW & AK Fisheries Center - Library  
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University of Washington - Libraries  
Sandra Shumway, University of Connecticut (at Avery Point)  
Russ Jones  
Loretta McCaffery, Oregon State University - Marilyn Potts Guin Library  
Luc Picard, Consultation L.P.  
John Whyte, Fisheries & Oceans Canada (DFO)  
Stephen Fortune, Laurie Landeau  
William Enright, Merck Animal Health  
Sharon McGladdery, Fisheries & Oceans Canada (DFO)  
Blue Bucks Inc.  
Dawn Runighan, Aqua Bounty Canada Inc.  
Myriam Barbeau, University of New Brunswick (Fredericton)  
Swets Information Services Inc.  
FAO Library - Serials  
Jon Veinot, Aqua Bounty Canada Inc.  
Jeffrey Davidson, University of Prince Edward Island  
Ward Griffioen, West Coast Fishculture (Lois Lake) Ltd.

**THANK YOU!**

## Member Profile

**T**his is part of a series of profiles of our members. If you would like to learn more or avail of a profile opportunity, please call the AAC office at ph: 506-529-4766 fax: 506-529-4609 e-mail: [aac@dfm-mpo.gc.ca](mailto:aac@dfm-mpo.gc.ca)



**Dr. Amber Garber**  
**Huntsman Marine Science Centre**  
**St. Andrews, New Brunswick**

*AAC: Where did you grow up?*

I grew up on a 72 acre farm in Strasburg, Ohio. A very small town bordering Amish country.

*AAC: Why did you choose the field of aquaculture research?*

I was working on my master's completing some population genetics research in the field of stock enhancement. I enjoyed the work – fish, production, molecular research – and thought a focus in aquaculture research would likely be more stable (there are only so many fish species and lots of already established population geneticists).

*AAC: What is your current area of research?*

My main focus and reason for moving to New Brunswick is a background in broodstock

development and molecular genetics. Broodstock research has included and/or led to physiology, disease challenges and sea lice research.

*AAC: What do you see as the number one myth about aquaculture?*

It is dependent on what I tell someone I do for a living. If I say I work in selective breeding of fish or to develop improved broodstock in aquaculture, then I am typically asked specific questions about GMOs and escapees. If I say I work in aquaculture, in general, then I am typically asked about usage of antibiotics and pesticides.

*AAC: What do you see as the biggest gaps in aquaculture education?*

A lack of education about really any facet of aquaculture. I have often been very surprised how poorly otherwise educated individuals respond. Unfortunately, environmental groups and the media have done a good job in reporting bad news stories, but less often report the good news stories. Often the bad news stories are sensationalized to the point where they are no longer true. Some stories are built around junk science as well and can be easily disputed, but the counter argument is less often picked up by the media. All of this seems to be changing, but the change seems very slow.

*AAC: Why did you become a member of AAC?*

I wanted to learn more about aquaculture in Canada.

*AAC: What benefit of membership do you value most?*

News and updates

*AAC: The aquaculture industry in Canada is a pretty tight knit community. Is there someone in particular that helped you integrate?*

Chris Bridger introduced me to many Canadian researchers prior to my moving to Canada mainly at World Aquaculture Society meetings

and since my arrival. Bill Robertson has also been integral in my introduction to individuals and companies primarily in Atlantic Canada, but outside as well.

*AAC: You were educated in the USA. Do you see many differences in the aquaculture industry between Canada and the US?*

There are huge differences in the perception of aquaculture between the countries depending on your geographic location. People in the US are less educated about aquaculture in general and the negative influence from environmental groups against aquaculture is generally stronger. At the same time, there seems to be more directed outreach and extension from the federal and state governments in the US (US Department of Agriculture, Northeastern Regional Aquaculture Center, and Sea Grant extension officers to name a few). It is often a requirement of funding in the US to include some type of outreach and extension – that might include industry (fish farmer training session) or public (displays at an aquarium). While there is an expectation of outreach and extension, there is also designated funding provided to complete the work.

*AAC: What advice do you have for students hoping to enter the research/aquaculture field?*

Be as diversified with your education as possible. There are many jobs in aquaculture where it is beneficial for an individual to know about various life stages, different systems, different species, and different fields within aquaculture – physiology, microbiology, molecular biology, broodstock development, etc.

*AAC: What is your favourite seafood dish?*

Cultured Atlantic salmon nigiri sushi (raw salmon on a finger of rice) and any other maki sushi that has raw salmon in it.

*AAC: What is the last book you read for pleasure?*

Most of what I read is work related which I find pleasurable. The last book I can remember reading outside of that was 'Eat, Pray, Love'. I

can honestly say I would have rather read a manuscript on some obscure mathematical modeling.

*AAC: How long do you go after waking up before checking your mobile/email?*

Maybe five minutes.

*AAC: What would you be doing if not a research scientist?*

Sleeping is the first thing that popped to mind. I very much enjoy what I do. Maybe playing saxophone on a street somewhere or a gardener (not farmer).

*AAC: Where was your last holiday?*

I took several weeks of vacation when I went on maternity leave with our first child.

*AAC: What was your last "Aha! Moment"?*

I haven't had to complete any extremely difficult data analysis lately, so feel like I have been lacking a bit of 'Aha!'. However, figuring out Alexa (our baby) was signing milk and not obsessive compulsive was 'Aha!' for everyone including Alexa who threw up her hands.

*AAC: Dog or cat?*

Dog, but we have two dogs and one cat. All rescues. All have their own issues.

*AAC: Special talent?*

African and Caribbean Dance, but I have not performed for years.

*AAC: Where do you see yourself professionally in 10 years?*

I can still see myself at the Huntsman Marine Science Centre, but part of a larger and even more diverse department (aquaculture).