

FINAL REPORT



Aquatic Animal Health Subprogram: subprogram conference “emergency disease response planning and management”

Mark St. J. Crane

May 2004

FRDC Project No. 2003/640


Australian Government
Department of Agriculture, Fisheries and Forestry
Fisheries Research and Development Corporation



Mark St. J. Crane

Aquatic Animal Health Subprogram: Subprogram Conference “Emergency Disease Response Planning and Management”

ISBN 0 643 09088 6

© CSIRO Livestock Industries

This work is copyright. Except as permitted under the Copyright Act 1968 (Cth), no part of this publication may be reproduced by any process, electronic or otherwise, without the specific written permission of the copyright owners. Neither may information be stored electronically in any form whatsoever without such permission.

The Fisheries Research and Development Corporation plans, invests in and manages fisheries research and development throughout Australia. It is a federal statutory authority jointly funded by the Australian Government and the fishing industry.

Printed by The Australian Animal Health Laboratory, CSIRO Livestock Industries, Private Bag 24, Geelong VIC 3220, March 2004.



**Aquatic Animal Health Subprogram: subprogram
conference “emergency disease response planning and
management”**

Mark St. J. Crane

May 2004

FRDC Project No. 2003/640



Australian Government
Department of Agriculture, Fisheries and Forestry
Fisheries Research and Development Corporation



CSIRO

TABLE OF CONTENTS

	Page
NON-TECHNICAL SUMMARY	5
ACKNOWLEDGEMENTS	6
BACKGROUND	7
NEED	8
OBJECTIVES.....	9
METHODS	10
RESULTS AND DISCUSSION.....	11
BENEFITS	14
FURTHER DEVELOPMENT	15
PLANNED OUTCOMES	16
CONCLUSION	17
APPENDIX 1: Intellectual Property	18
APPENDIX 2: Staff	19
APPENDIX 3: Pre-Conference Information package	20
APPENDIX 4: List of Conference Participants	29
APPENDIX 5: Report on Conference Feedback Discussion.....	30
APPENDIX 6: Proceedings of the Conference	on CD-Rom, included

NON-TECHNICAL SUMMARY

2003/640 Aquatic Animal Health Subprogram: Subprogram Conference “Emergency Disease Response Planning and Management”

PRINCIPAL INVESTIGATOR: Dr Mark Crane
ADDRESS: CSIRO Livestock Industries
Australian Animal Health Laboratory
AAHL Fish Diseases Laboratory
Private Bag 24
Geelong VIC 3220
Telephone: 03 5227 5000 Fax: 03 5227 5555

OBJECTIVES:

1. Plan, organise and lead a Scientific Conference on ‘Emergency Disease Response Planning and Management’
2. Produce a Proceedings of the Scientific Conference on CD Rom

NON-TECHNICAL SUMMARY:

The 1st FRDC Aquatic Animal Health Subprogram Scientific Conference was held at the Four Points Hotel, Sheraton Eastern Beach, Geelong, 8-10 October 2003. Over 40 representatives from Commonwealth and State Government agencies, from universities and other academic institutions, and from supporting industries, as well as private consultants gathered to discuss the conference topic ‘emergency disease response planning and management’. An international expert, Dr Ron Stagg Deputy CEO FRS Marine Laboratory, Aberdeen was the Keynote Speaker.

The conference was planned and organised by staff from the Australian Animal Health Laboratory, assisted and supported by the FRDC AAH Subprogram Steering Committee and Scientific Advisory Committee.

The topics covered in the conference included:

- Parasites (Amoebic Gill Disease, *Marteilia sydneyi*, perkinsosis, parasite survey of Southern Bluefin Tuna)
- Finfish Health (Aquabirnaviruses, Nodaviruses, Aquareoviruses, Epizootic Ulcerative Syndrome)
- Crustacean Health (Spawner-isolated mortality virus, White spot syndrome virus, *P. monodon* domestication, Health survey of WA commercial prawn stocks)
- Training and Tools (Training video, Database of diseases and pathogens, Field guide, Exotic disease training module for tertiary institutions)
- Pilchards (Pilchard herpesvirus, Pilchard cell lines, new pilchard virus)
- Bacteriology (*Vibrios*, *P. salmonis*)
- Finfish Immunology
- Infectious salmon anaemia

Proceedings of the scientific conference are available on CD-Rom.

KEYWORDS: Aquatic animal health; conference; emergency disease response

ACKNOWLEDGEMENTS

The author acknowledges the assistance of Ms Suzie Perilli, Conference Coordinator. Together with staff of The Sheraton Eastern Beach, Suzie ensured that the needs of the conferees were taken care of. In addition, Suzie dealt with the myriad of administrative issues that surface during the planning, organisation and running of national conferences.

In addition, members of the FRDC AAH Subprogram Steering Committee and Scientific Advisory Committee formed the organising committee responsible for developing the scientific program and reviewing the conference abstracts. Their assistance is greatly appreciated.

The author also acknowledges the contributions made by all conference participants, and those of Dr Ron Stagg, the conference Keynote Speaker, were appreciated particularly; the standard of the presentations was, without exception, very high.

BACKGROUND

In Australia there are very few, if any, national scientific conferences focused specifically on aquatic animal health issues. With the relatively recent but rapid growth of Australian aquaculture industries, aquatic animal health has attracted a higher level of R&D funding than in previous years. The number of research scientists and research institutes which are engaged in aquatic animal health research has also increased. In addition, Australia has initiated a program, funded by the Federal Government's "Federal Budget Initiative" to facilitate enhancement of Australia's capability in aquatic animal disease diagnosis, emergency disease planning and emergency disease management. In collaboration with FRDC this initiative has resulted in the establishment of the FRDC Aquatic Animal Health Subprogram which is currently managing around 30 projects encompassing the three specific areas viz. diagnostics, emergency disease planning and emergency disease management. Results from this R&D need to be discussed, critically reviewed and disseminated among aquatic animal health specialists/researchers/managers in Australia. Thus there is a need for a conference during which research scientists/managers can present and discuss current and future research on aquatic animal health.

The FRDC Aquatic Animal Health Subprogram R&D projects would benefit from such a conference, could form the core of the conference program, and could act as a catalyst for this and any other future conference to address and foster a broader range of aquatic animal health issues important to Australia.

NEED

In Australia, aquaculture is undergoing a growth phase (approximately 18% p.a.) where the number of aquaculture facilities, as well as the number of aquatic animal species being cultured, is increasing. The current value of the aquaculture sector is placed at \$800 million and is expected to increase to \$2-3 billion over the next 10 years. As the industry expands and intensifies the risk of infectious disease outbreaks also increases and there is a need for a parallel increased level of research on these diseases (c.f. Federal Budget Initiative). As part of the R&D effort nationwide, there is a need for a scientific conference during which the key aquatic animal health specialists/researchers/managers can convene and discuss current and future aquatic animal health issues and resolutions.

In addition, the development of World Trade Organisation agreements on freedom of trade between countries is seeing an increase in the use of aquatic animal disease as a de facto trade barrier and increasing demands on exporting countries to demonstrate freedom from diseases of concern. The issue of Canadian exports of salmon to Australia and the national white spot survey of prawns and crabs are recent Australian examples. The demand of Australia by our trading partners for demonstrated competence in surveillance and monitoring is going to require a much greater investment by Australia in training of expertise, standardisation of diagnostic techniques and development of new methodology to back nationwide surveillance and monitoring programs. None of this activity will happen unless we foster a team approach by the limited numbers of individuals working in the aquatic animal disease disciplines. The development of AQUAPLAN and the Federal Budget Initiative has placed Australia at the forefront of aquatic animal disease management. An opportunity exists to capitalise on these initiatives and to value-add to planned outputs.

It is proposed that the Scientific Advisory Committee of the FRDC Aquatic Animal Health Subprogram plan, organise and lead a 3-day scientific conference entitled, 'Emergency Disease Planning and Management', the core activity of which will be reports/scientific presentations on current projects funded by the Health Subprogram. In addition to these presentations, there is a need to highlight other aquatic animal health research, methodological and policy issues which may be of current or potential, future concern to Australia and which impact on emergency disease management. This conference will provide a forum for communication of project outputs, for critical review of aquatic animal health R&D currently undertaken in Australia, and will allow full discussion of the research and provide feed-back to the Principal Investigators of Subprogram projects. In this way, projects will benefit from receiving input from a relatively large number of researchers from a broad range of backgrounds. Potential future projects would be identified. In addition, an international expert with first-hand experience in management/eradication of an exotic aquatic animal disease could be invited to lead a discussion on a special topic relevant to emergency disease planning and management.

OBJECTIVES

1. Plan, organise and lead a Scientific Conference on 'Emergency Disease Response Planning and Management'
2. Produce a Proceedings of the Scientific Conference on CD Rom

METHODS

The FRDC Aquatic Animal Health Subprogram Scientific Advisory Committee (SAC), with administrative assistance, planned, organised and led a Scientific Conference focused on current Subprogram projects and other issues of concern relevant to 'Emergency Disease Planning and Management'. The venue and date of the conference was determined in consultation with other stakeholders. Initial feedback indicated that a date in October 2003, with AAHL Geelong as the venue, would be most appropriate.

A conference coordinator was engaged to address all logistical matters such as conference registration, transportation, accommodation and conference facilities. A call for papers was sent to stakeholders via email, together with registration information, instructions for abstracts, accommodation information etc. Following receipt of abstracts AAH Subprogram Leader and SAC reviewed the abstracts and selected those suitable for presentation at the conference. A conference program was developed including the conference structure and identifying individual sessions, presenters and chairpersons.

A Book of Abstracts was produced and distributed to all participants and other interested parties (on request). Other appropriate promotional material was included in the registration package.

The conference was held over 3 days. Each day commenced with a Keynote Presentation by Dr. Ron Stagg on specific aspects of ISA and its control. Following the main sessions of the conference, a concluding session was convened to obtain participant feedback to be used in the planning of future conferences.

Proceedings of the conference will be made available on CD-Rom.

RESULTS AND DISCUSSION

i. Conference Planning

Planning for the conference was undertaken in consultation with FRDC AAH Subprogram Steering Committee and Scientific Advisory Committee. It was agreed that the conference venue would be Geelong and the conference would be conducted over a period of 3 days. The most suitable dates, 8-10 October 2003, were selected and suggestions for a keynote speaker were sought. Dr Ron Stagg, Head of Disease Program at The Marine Laboratory, Aberdeen, was selected as the Conference Keynote Speaker and an invitation was forwarded to him. Ron Stagg accepted the invitation to participate in the conference and committed to make 3 presentations on the management and eradication of an exotic disease (ISA).

ii. Conference Venue

Ms Suzie Perilli was engaged as the AAH Subprogram Scientific Conference Coordinator and negotiated a conference package with local venues. Together with the PI, the most appropriate package was selected and The Four Points Sheraton Geelong was booked as the conference venue for 8-10 October 2003 (see appendix 3).

iii. Book of Abstracts

Conference Registration Form, Abstract Form and Instructions (appendix 3) were forwarded to all Subprogram Project PIs. At a face-to-face meeting, abstracts were evaluated by AAH Subprogram Scientific Advisory Committee (SAC), and authors of all accepted abstracts were invited to submit their full presentation. At the same meeting SAC developed and finalised the Conference Scientific Program. Once the Scientific Program had been finalised, a Book of Abstracts was produced for distribution to participants at the start of the conference as part of the registration package.

iv. Travel

A group discount of 40% was negotiated with QANTAS. All participants were encouraged to use the special QANTAS profile number (appendix 3) when booking their own travel. An expenditure claim form (appendix 3) was provided to all AAH Subprogram PIs, AAH Subprogram Steering Committee Members, and AAH Subprogram Scientific Advisory Committee Members for their use only, as per Project Contract.

v. Conference Presentations

Over the three days of the conference there was in excess of thirty presentations including the keynote presentations, presentations on AAH Subprogram projects, as well as other external aquatic animal health projects. Each presentation was given a thirty-minute time slot (1 hour for the keynote presentations) which allowed sufficient time for questions, comments and feedback.

The quality of the presentations was very high and it was noted that all projects had progressed well. Suggestions for improvement to some projects were noted by the PIs to be incorporated into the project, as appropriate.

Topics covered:

- Parasites (Amoebic Gill Disease, *Marteilia sydneyi*, perkinsosis, parasite survey of Southern Bluefin Tuna)
- Finfish Health (Aquabirnaviruses, Nodaviruses, Aquareoviruses, Epizootic Ulcerative Syndrome)
- Crustacean Health (Spawner-isolated mortality virus, White spot syndrome virus, *P. monodon* domestication, Health survey of WA commercial prawn stocks)
- Training and Tools (Training video, Database of diseases and pathogens, Field guide, Exotic disease training module for tertiary institutions)
- Pilchards (Pilchard herpesvirus, Pilchard cell lines, new pilchard virus)
- Bacteriology (*Vibrios*, *P. salmonis*)
- Finfish Immunology
- Infectious salmon anaemia

Attendees:

39 participants from CSIRO, AFFA, FRDC, DPIWE Tas, QDPI, PIRSA, WA Dept Agriculture, WA Fisheries, Victorian Dept Primary Industries, Univ. Queensland, Univ. Tasmania, James Cook Univ., Murdoch Univ., Queensland Museum, AusVet Animal Health Services, F1 solutions, Big Time Media, Panaquatic Health Solutions, Aquitila Healthcare, and Ron Stagg - International Expert from Fisheries Research Services, Marine Laboratory, Aberdeen (appendix 4)

Biographical information on Keynote Speaker, Ron Stagg:

1974: PhD University of Exeter "Effects of Copper on Fish Gill Function"

1974-78: Lecturer in Marine Biology at Heriot Watt University

1978-88: Head of Ecotoxicology Group at FRS Marine Laboratory, Aberdeen

1988-2001: Program Manager, Aquaculture and Aquatic Animal Health at FRS Marine Laboratory, Aberdeen

2001-present: Deputy Chief Executive at FRS Marine Laboratory, Aberdeen

Pen-picture:

- Advisor to the Scottish Executive on fish and shellfish health and aquaculture issues
- Director of the Aquaculture and Aquatic Animal Health Programme at FRS with responsibility for statutory disease control, surveillance for notifiable diseases and research and development
- Chairman of the government /industry aquaculture health working group
- Member of an expert group considering revisions to the EC regime on fish and shellfish health

Research interests:

- Epidemiology and control of aquatic diseases
- Disease interactions of wild and farmed fish
- Infectious salmon anaemia (ISA)
- Infectious pancreatic necrosis (IPN)
- Sealice
- Environmental impact of aquaculture
- Ecotoxicology, Use of biomarkers in pollution assessment
- Biological effects of polycyclic aromatic hydrocarbons.

vi. Conference Survey

One afternoon of the three days was devoted to up-dating participants on information relating to AAH Subprogram, AAHC, NAAH-TWG, ARC Networks as well as receiving feedback on the Conference format, the format of the Conference Proceedings and recommendations for future conferences.

An important part of the Conference will be obtaining feed-back from conference participants on the effectiveness of the conference, on those aspects of the conference which could be improved and any deficiencies which could be addressed in future conferences.

Kristy Nelson, AAH Subprogram Coordinator, made notes during this session and a report is provided (appendix 5). Briefly, there was general consensus that regular scientific meetings are desirable - perhaps biannually rather than annually (although there was some support for annual meetings). There was some support for a larger FRDC meeting including other subprograms - could be run concurrently. Alternatively, the meeting could be added onto the NAAHTWG meeting to assist consolidation of these two groups and to reduce costs. Format of meeting and proceedings were supported. Communication issues were also raised. The majority of the conference participants felt that they were not kept informed about activities of NAAHTWG, AAHC and FRDC Aquatic Animal Health Subprogram [it was interesting to note that the sessions, dealing with these issues – FRDC AAH Subprogram Workshop and NAAHTWG Workshop - were poorly attended by participants].

vii. Proceedings

1. A Book of Abstracts from the conference was distributed to all conference participants as well as other stakeholders who could not attend the conference but had requested a copy of the book. All Steering Committee members and SAC members received a copy.
2. A “Proceedings” from the conference (with extended summaries of presentations rather than full papers) has been compiled on CD-Rom for distribution to stakeholders including research organisations, relevant government departments and industry organisations. This format will allow the distribution of documents from the conferences, including written papers, PowerPoint presentations and jpeg files.

BENEFITS

There will be three major outcomes from this project. Firstly, FRDC Aquatic Animal Health Subprogram projects will benefit from receiving constructive criticism which will provide opportunities to improve the research outcomes through implementing recommendations and/or forming collaborations with other research organisations. Secondly, the conference will assist the promotion of a culture of cooperation and trust within the aquatic animal health research community. It is understood that there are limited funds for aquatic animal health research and, in order to obtain best value, research organisations need to collaborate on projects rather than compete for research funds. Finally, strategic issues to be the subject of future research in the Australian aquatic health area will be identified.

FURTHER DEVELOPMENT

The CD-Rom of the Conference Proceedings is freely available to all stakeholders, on-request. In addition, valuable feedback was received from conference attendees on the format of the conference and recommendations for future conferences (see appendix 5 for details). In brief, the following points were noted:

- It was agreed that the Aquatic Animal Health Subprogram Scientific Conference should continue as an a bi-annual event;
- When the conference proceedings are distributed, it needs to be made clear that they are only for information and not for use;
- Would like to see international delegates involved in future conferences;
- Would like to see people at the production level involved in the conference – it would give the participants an opportunity to listen to and learn from industry representatives;
- The Scientific Conference could run concurrently with another conference, this would minimise the amount of time people would be away from the office and give people the opportunity to attend two conferences e.g. Rock Lobster Conference (It was raised that Industry may not like government officials attending their conference for confidentiality reasons. It was suggested that the other conference could choose to have a closed session where government officials could not attend).
- Having an international guest speaker at the conference was well received and should be a regular occurrence at future scientific conferences

PLANNED OUTCOMES

The main purpose of this project was to plan and hold a Scientific Conference to which aquatic animal health specialists within Australia could gather and exchange information. The FRDC AAH Subprogram projects were to form the core of the Scientific Program.

The conference was the first of its kind and would provide a measuring stick for future such conferences. Thus it was important to obtain feedback from conference participants on:

Conference Format

Venue

Conference Presentations

The concept of an international expert as a keynote speaker

Book of Abstracts

Conference Proceedings

Moreover, an important outcome of the conference was the strengthening of the network of aquatic animal health specialists in Australia, the exchange of information between agencies, jurisdictions and individuals which has greatly assisted the development of a “collegiate” within the professionals. Thus cooperation and collaboration among the aquatic animal health professionals has been enhanced by this building of professional relationships which, in turn, can only enhance the R&D activities and diagnostic capability within Australia.

CONCLUSION

The 1st FRDC Aquatic Animal Health Subprogram Scientific Conference was well attended with over 40 participants representing Commonwealth and State Government agencies, universities and other academic institutions, private consultants and various support industries. The highlight of the conference was the participation of Dr. Ron Stagg, Deputy CEO, Fisheries Research Services, Aberdeen, UK. Ron's presentations on exotic disease outbreaks in Scotland were outstanding and highly relevant to the Australian context. In addition, Ron's contributions to the discussions throughout the conference were pertinent and much appreciated by all conferees.

The presentations by the Aquatic Animal Health Subprogram project staff were, without exception, of a very high standard. The standard of presentations and the friendly atmosphere throughout the conference were appreciated by the organisers and justified the efforts of all those that contributed to the conference.

Based on feedback received, the conference program, the conference venue and the duration (3 days) were considered appropriate. To increase value for money, reduce travel time and increase efficiency in general, most conferees would prefer to have the conference held in conjunction with another conference. Options voiced included other FRDC Subprogram conferences (e.g. the salmon subprogram), Aquafin CRC conference, NAAHTWG annual meeting, or other national conferences such as the Australian Society of Microbiology conference. This issue requires further discussion.

One of the most important outcomes from the conference was the opportunity for a significant number of Australia's aquatic animal health specialists to gather together in an informal setting for discussions on aquatic animal health issues facing Australia. In addition to debating the issues, the forum encouraged strengthening of the aquatic animal health network within Australia and enhanced the rapport previously established between professionals.

APPENDIX 1. INTELLECTUAL PROPERTY

All information arising from this project has been used for the development and/or establishment of Standard Diagnostic Procedures. No intellectual property has been identified.

APPENDIX 2. STAFF

NAME	POSITION	ADDRESS
Dr Mark Crane	Project Leader, AAHL Fish Diseases Laboratory	CSIRO Livestock Industries Australian Animal Health Laboratory, Geelong, VIC
Ms Suzie Perilli	Admin. Assistant, Diagnostic Sciences Program, AAHL	CSIRO Livestock Industries Australian Animal Health Laboratory, Geelong, VIC

APPENDIX 3. PRE-CONFERENCE INFORMATION PACKAGE

INSTRUCTIONS

TO PARTICIPANTS OF THE

FRDC Aquatic Animal Health Subprogram Scientific Conference

8 - 10 October 2003

****Please read the following carefully, before you fill out the attached
Registration Form****

REGISTRATION:

AAH Principal Investigators (PIs) and AAH Steering Committee Members (SCMs) AND Non-PIs / Non-SCMs

A **Registration Fee of \$165** (includes 10% GST) is payable before 8 August 2003. A tax invoice will be forwarded to you upon registration.

The Registration fee for all participants includes the following:

- Conference materials
- Morning & Afternoon Teas
- Lunch on all days

INTERSTATE FLIGHTS:

All Conference Participants:

Please contact Qantas on 1800 684 880 and quote Profile Number: 3572159.

****Please fax a copy of your flight itinerary to Suzie Perilli (03 5227 5536) for account reconciliation****

PIs and SCMs (only) for reimbursement of your airfare you will need to complete the Expenditure Claim form attached. PLEASE NOTE: Overseas Principal Investigators will not be able to have their travel reimbursed.

****Please note that all Conference participants receive a 40% discount on all flights using the number above, so please ensure you use this facility for the benefit of all participants.***

TRANSFERS – from Melbourne airport to Geelong return:

The **Gull Bus Service** operates from Melbourne airport to Geelong at regular hours (see their website: www.gull.com.au). You may wish to book online or call them direct on (03) 5222 4966. You will need to advise them of your flight number, arrival/departure time and date.

Fares are as follows:

One-way fare	\$25
Return fare	\$45

The Gull Bus service will not take you directly to your Hotel. You will need to take a taxi from the bus depot (McKillop St. to your Hotel. Approximate cost is \$10.

PIs and SCMs (only) for reimbursement, you will need to fill in the Expenditure Claim Form and attach receipts.

ACCOMMODATION:

AAH Principal Investigators (PIs) and AAH Steering Committee Members (SCMs):

Your accommodation will be organized for you upon Registration.

If you wish to share with someone who is a non-PI/SCM, this is possible and you will need to indicate this in the accommodation section on your Registration form so that the Sheraton is advised.

This means that the non-PI/SCM will need to pay the difference between the single room rate and the double or triple room rate (listed below) – an **example** would be as follows:

Twin Room requested
Room Rate: \$175 per room which includes 2 full breakfasts
Occupants: 1 member and 1 non-member

*Therefore the **Non-PI/Non-SCM would only have to pay \$15 per night.***

Non-AAH Principal Investigators (non-PIs) and Non-AAH Steering Committee Members (non-SCMs)

Accommodation rates for non-PIs/SCMs has been negotiated with the Sheraton at a special Conference rate which is as follows:

Single	\$160	(includes full buffet breakfast)
Twin/Double	\$175	(includes full buffet breakfast)
Triple (*NB includes 1 rollaway bed)	\$220	(includes full buffet breakfast)

*Please note that you (Non-PIs/SCMs) will need to *quote **CSIRO FRDC when organising your accommodation booking*** so that staff at the Sheraton are aware that you are part of the Conference group and will charge you the applicable room rates.

Alternatively, non-PIs/SCMs (only) may wish to stay at other hotels/motels in the area such as:

Comfort Inn Eastern Sands Motel

1 Bellarine Street, Geelong
Ph: 03 – 5221 5577
Email – aymanor@bigpond.net.au

Bay City Geelong Motel

231 Malop Street, Geelong
Ph: 03 – 5221 1933

Sundowner Geelong

13 The Esplanade, Geelong
Ph: 03 – 52447700
(www.sundownermotorinns.com.au)

****Please make these reservations yourself****

General Information:

Four Points by Sheraton – Geelong
10-14 Eastern Beach Road
Geelong

(www.fourpoints.com/geelong)

Check-In and Check-Out:

- Check-in time is 14.00
- Check-out time is 11.00

Inclusions with Accommodation for all participants:

- Full use of Sheraton's Indoor Heated Swimming Pool
- Full use of Sheraton's Gymnasium equipment
- Complimentary morning paper
- Full Buffet Breakfast served in the Waterfront Restaurant (from 6.30-10.00)

CONFERENCE DINNER – 9 October:

AAH Principal Investigators (PIs) and AAH Steering Committee Members (SCMs):

Dinner is included upon registration.

Non-AAH Principal Investigators (non-PIs) and Non-AAH Steering Committee Members (non-SCMs)

A **payment** of \$75 (includes 10% GST) is required if you wish to attend the dinner on 9 October.

The dinner includes:

3 course meal (*choice menu*) and beverages (*red & white wine, selected beers and soft drink*).

Per Diem (PIs and SCMs only)

For PIs/SCMs only, the project will provide \$44 per/day, which includes 10% GST, for dinners on 7, 8 and 10 October, if required.

Tax Invoice

The attached Expenditure Claim Form (for PIs and SCMs only) has been revised to qualify as a Tax Invoice. Your own organisation's tax invoice may be substituted.

**Please note that a separate Tax Invoice will be forwarded to:*

- * *PIs and SCMs for Registration*
- * *Non-PIs and Non-SCMs for Registration and Conference Dinner*

Unless a Tax Invoice is used, CSIRO Australian Animal Health Laboratory cannot claim input tax credits on the GST content of your claim.

The various rates that may be claimed for mileage are detailed on the claim form and are for Regional PIs and SCMs only.

Please ensure that you complete the Claim form correctly and attach all relevant receipts, so that the requirements of the new tax system are met and to avoid having your claim returned to you if it is incomplete.

Claim forms are to be returned by post to:

Ms Suzie Perilli
AAH Scientific Conference Coordinator
CSIRO Livestock Industries
Australian Animal Health Laboratory
Private Bag 24
Geelong Victoria 3220

FRDC Aquatic Animal Health Subprogram Scientific Conference
8 - 10 October, 2003
to be held at the Peninsula Room, Four Points Sheraton - Geelong

Registration Form

Please return form by **Friday 8 August**, 2003 to:

Suzie Perilli
AAH Scientific Conference Coordinator
CSIRO Livestock Industries
Australian Animal Health Laboratory
Private Bag 24
Geelong, Victoria, 3220

E-mail: Suzie.Perilli@csiro.au
Fax: (03) 5227 5536

Telephone: (03) 5227 5014

Registration Fee

For AAH Principal Investigators (PIs) and AAH Steering Committee Members (SCMs)

including Non-AAH Principal Investigators (non-PIs)

and Non-AAH Steering Committee Members (non-SCMs)

\$165 (incls 10% GST)

(Note: A tax invoice will be issued upon payment of the Registration fee)

Details

Title (please circle): Mr Miss Mrs Ms Dr other (specify)

Family name:

First name:

Organisation/Company:

Mailing address:

E-mail address:

Telephone:

Fax:

Conference presentation

Will you be making an oral presentation at the conference? Yes No

Title of proposed presentation:

- i) A two-page summary of the presentation should be submitted to the AAH Scientific Conference Coordinator by Friday 15 August. Please see the attached guidelines and proforma.
- ii) If accepted, the final PowerPoint presentation should be submitted by no later than Friday 19 September.

Accommodation (Four Points Sheraton – Geelong)

***AAH Principal Investigators and AAH Steering Committee Members* (ONLY)**

Please indicate the most appropriate accommodation you will require:

In: Tuesday 7 October; Out: Friday 10 October Yes

In: Tuesday 7 October; Out: Saturday 11 October Yes

In: Wednesday 8 October; Out: Friday 10 October Yes

In: Wednesday 8 October; Out: Saturday 11 October Yes

Other?.....

If sharing a room, please indicate name(s):

Type of room: single twin share triple (includes rollaway bed)

Special dietary requirements

Do you have any special dietary requirements?

For interstate participants

Flights:

Details on the Instruction sheet to participants.

Transfers:

Details on the Instruction sheet to participants.

Conference Dinner

Date: Thursday 9 October

Time: 7pm

Venue: Four Points Sheraton Restaurant - ground floor

Dress: Smart Casual

Cost (for non-PIs and non-SCMs only): \$75 (includes 3 course meal and beverages & includes 10% gst)

Yes, I will be attending the dinner

No, I won't be attending the dinner

(please indicate)

(Non-PIs and Non-SCMs - Please note that a tax invoice will be forwarded to you for the conference dinner upon receipt of payment)

Credit Card Details		
<i>Cardholders' details</i>		
Name: _____	Phone: () _____	
Organisation: _____		
Address: _____	Fax: () _____	
_____	Amount Paid: \$ _____	
Please debit my:		
<table border="1"><tr><td><i>Office Use only:</i> Cost Code: GV63B PI/SCM: Non-PI/SCM:</td></tr></table>	<i>Office Use only:</i> Cost Code: GV63B PI/SCM: Non-PI/SCM:	Mastercard <input type="checkbox"/> Card No. _____
<i>Office Use only:</i> Cost Code: GV63B PI/SCM: Non-PI/SCM:		
	Bankcard <input type="checkbox"/> Card Expiry Date: _____	
	Visacard <input type="checkbox"/> Name on Card: _____	
Signature: _____	Date: _____	

**FRDC Aquatic Animal Health Subprogram
Scientific Conference
October 8-10, 2003**

Guidelines for preparing 2-page summary
(2 pages including figures and tables)

Please return form by **Friday 15 August, 2003** to:

Suzie Perilli

AAH Scientific Conference Coordinator

CSIRO Livestock Industries

Australian Animal Health Laboratory

Private Bag 24

Geelong, Victoria, 3220

e-mail: Suzie.Perilli@csiro.au

fax: (03) 5227 5536

telephone: (03) 5227 5014

Intended use

The 2-page summaries will be compiled into a conference handout for distribution prior to the conference.

Submission format

Summaries should be delivered electronically.

Typing and spacing

Font: Arial; 11 point

Line spacing: single

Paragraph spacing: double-space between paragraphs (not indented)

Alignment: left

Content

Title of paper: **Print bold in lowercase**

Researchers:

Organisation:

Funding Source: e.g. FRDC, AQUAFIN CRC, etc

Text (headings for the following sections are included in the proforma, next page)

- Introduction
- Materials and Methods
- Results and Discussion
- References (if included, please limit to essential references only, <5)

Tables and Figures

Please send tables and figures on separate pages at the end of the text, or in separate files. Figure captions should also be typed on a separate page.

Senior authors will be notified whether their presentation will be included in the programme by 5 September 2003. Following acceptance final PowerPoint presentations must be submitted to the conference coordinator by 19 September 2003.

(Insert title of paper)

(Insert names of researchers)

(Insert organisation)

(Insert funding source)

Introduction

(Insert text).

Materials and Methods

(Insert text).

Results and Discussion

(Insert text).

References

(Insert text).

TAX INVOICE

EXPENDITURE CLAIM

FRDC Aquatic Animal Health Subprogram Scientific Conference

8 - 10 October 2003

AAH PRINCIPAL INVESTIGATORS and AAH STEERING COMMITTEE MEMBERS

This form may be substituted by your own organisation's Tax Invoice

NOTE: All relevant sections are to be completed in full, including adding up totals. Failure to comply will result in the documents being sent back to you for re-submission. A copy of all receipts is to be attached.

Name of attendee _____ Postal address _____

Name of Payee _____

**BSB & Account Number
for direct deposit of funds to
your nominated bank account**

ABN Number ¹ _____ BSB No. _____ Account No. _____

The following expenses are being claimed from CSIRO Livestock Industries – Australian Animal Health Laboratory (ABN 41 687 119 230):

Incidental Expenses

	Item	Cost		
	Transfer - Gull Bus	\$		Mileage for Regional Participants: _____ km travelled x
	Taxi Fare	\$		Tick one
<i>Expenses over \$20 require a receipt</i>	Total	\$		<input type="checkbox"/> 50.0c/km (up to 1600cc)
				<input type="checkbox"/> 60.0c/km (1601 to 2600cc)
				<input type="checkbox"/> 61.0c/km (over 2600cc)
			Subtotal =	\$ x 1.1
			Total including GST =	\$

Office use only				
	ACTUAL COST (Including GST)	A/c Code	Cost Code	
Airfares	\$		GV63B	
Mileage (above)	\$		GV63B	Authorised by _____ / /
Transfers (above)	\$		GV63B	Paid by _____ / /
Per Diem ²	\$		GV63B	Total GST paid \$
TOTAL CLAIM (Including GST)	\$			

Signature of claimant _____ Date _____

¹ ABN must be provided, otherwise tax will be withheld at 48.5% on relevant items.
² Per Diems are inclusive of GST and are at the rate of **\$44 per day for dinners on 7, 8 and 10 October**

APPENDIX 4. LIST OF CONFERENCE PARTICIPANTS

Conference Participants

Name	Organisation	E-mail address
Adlard, Robert	Queensland Museum	robertad@qm.qld.gov.au
Baldock, Chris	AusVet Animal Health Services Pty	chris@ausvet.com.au
Boman, Gus	F1 Solutions	Gus@f1solutions.com.au
Buller, Nicky	WA Dept Agriculture	nbuller@agric.wa.gov.au
Carson, Jeremy	TAFI – Fish Health Unit, Tasmanian Dept Primary Industries, Water & Environment	jeremy.carson@dpiwe.tas.gov.au
Clark, Gemma	AAHL Fish Diseases Laboratory, CSIRO Livestock Industries	Gemma.clark@csiro.au
Corbeil, Serge	AAHL Fish Diseases Laboratory, CSIRO Livestock Industries	Serge.corbeil@csiro.au
Cowley, Jeff	CSIRO Livestock Industries, Queensland Bioscience Precinct	Jeff.cowley@csiro.au
Crane, Mark	AAHL Fish Diseases Laboratory, CSIRO Livestock Industries	Mark.crane@csiro.au
Crockford, Melanie	WA Dept Agriculture	mcrockford@agric.wa.gov.au
Deveney, Marty	Primary Industries & Resources – South Australia (aquaculture)	deveney.marty@saugov.sa.gov.au
Doroudi, Mehdi	Victorian Dept Primary Industries	
Gudkovs, Nick	AAHL Fish Diseases Laboratory, CSIRO Livestock Industries	Nicholas.gudkovs@csiro.au
Hardy-Smith, Paul	Panaquatic Health Solutions	panaquatic@ozemail.com.au
Hayward, Craig	University of Queensland	c.hayward1@uq.edu.au
Herfort, Alistair	Aquatic Animal Health Unit, AFFA	Alistair.Herfort@affa.gov.au
Higgins, Melissa	Fish Health Unit, Tasmanian Dept Primary Industries, Water & Environment	Melissa.higgins@dpiwe.tas.gov.au
Hone, Patrick	Fisheries Research & Development Corporation	patrick.hone@frdc.com.au
Jones, Brian	WA Dept Fisheries	bjones@agric.wa.gov.au
Jones, Steve	F1 Solutions	jones@f1solutions.com.au
McCull, Ken	AAHL Fish Diseases Laboratory, CSIRO Livestock Industries	Kenneth.mccoll@csiro.au
Moody, Nick	Qld Dept Primary Industries	nick.moody@dpi.qld.gov.au
Morrison, Richard	University of Tasmania	rmorriso@utas.edu.au
Nelson, Kristy	Aquatic Animal Health Unit, AFFA	kristy.nelson@affa.gov.au
Nowak, Barbara	University of Tasmania	B.Nowak@utas.edu.au
Owens, Leigh	James Cook University	leigh.owens@jcu.edu.au
Prideaux, Chris	Australian Animal Health Laboratory, CSIRO Livestock Industries	Chris.prideaux@csiro.au
Raidal, Shane	Murdoch University	raidal@numbat.murdoch.edu.au
Sadler, Jo	Consultant	drjosadler@hotmail.com
Stagg, Ron	Fisheries Research Services, Aberdeen, UK	staggr@marlab.ac.uk
Steeper, Kelly	AAHL Fish Diseases Laboratory, CSIRO Livestock Industries	Kelly.steeper@csiro.au
Stephens, Fran	Aquatilia Healthcare	fstephen@murdoch.edu.au
Tindall, Wayne	Big Time Media	wayne@bigtime.com.au
Walker, Linda	Aquatic Animal Health Unit, AFFA	linda.walker@affa.gov.au
Walker, Peter	CSIRO Livestock Industries, Queensland Bioscience Precinct	Peter.walker@csiro.au
Williams, Nette	AAHL Fish Diseases Laboratory, CSIRO Livestock Industries	Lynette.williams@csiro.au
Wilson, Teresa	Fish Health Unit, Tasmanian Dept Primary Industries, Water & Environment	Teresa.wilson@dpiwe.tas.gov.au
Young, John	AAHL Fish Diseases Laboratory, CSIRO Livestock Industries	John.young@csiro.au

APPENDIX 5. REPORT ON CONFERENCE FEEDBACK DISCUSSION

AQUATIC ANIMAL HEALTH SUBPROGRAM DISCUSSION AT AQUATIC ANIMAL HEALTH SUBPROGRAM SCIENTIFIC CONFERENCE, 8-10 OCTOBER 2003, GEELONG, VICTORIA

Mark Crane asked for feedback from the meeting on the following issues:

- What the meeting expects of a new Subprogram should the application be successful;
- Funding;
- AAHC & NAAH-TWG linkages with the Subprogram; and
- Subprogram Conference.

The meeting made the following points in regards to the current Subprogram:

- It is important to have a Aquatic Animal Health Committee member on Scientific Advisory Committee;
- Would like to see the direction of Subprogram activities, focused on R&D;
- Having the FRDC Subprogram to fund research projects has meant that industry have not had to fund research;
- Subprogram's committee membership should run for a term of 3 years, but the time when each individual members term is completed should be staggered to prevent the loss of knowledge and consistency;
- The composition of the Subprogram's Committees needs to be defined, in broad terms, and documented somewhere;
- The meeting was happy with the content of Health Highlights newsletter;
- The meeting suggested that the Subprogram should be given the task to ensure that the databases and manuals, including their technical content, are kept up to date.

The meeting made the following points in regards to the Scientific Conference:

- It was agreed that the Aquatic Animal Health Subprogram Scientific Conference should continue as an a bi-annual event;
- When the conference proceedings are distributed, it needs to be made clear that they are only for information and not for use;
- Would like to see international delegates involved in future conferences;
- Would like to see people at the production level involved in the conference – it would give the participants an opportunity to listen to and learn from industry representatives;
- The Scientific Conference could run concurrently with another conference, this would minimise the amount of time people would be away from the office and give people the opportunity to attend two conferences eg Rock Lobster Conference (It was raised that Industry may not like government officials attending their conference for confidentiality reasons, it was suggested that the other conference could choose to have a closed session where government officials could not attend).
- Having an international guest speaker at the conference was well received and should be a regular occurrence at future scientific conferences

Patrick Hone said that the current Subprogram focus is largely on FBI funding and the new Subprogram could focus on other areas such as:

- Engaging international people;
- Providing a travel budget to allow people to do discretionary travel to other conferences;

Patrick Hone also raised the issue of the importance of succession planning and suggested the following possibilities for succession planning:

- FRDC scholarships to sponsor a PhD student;
- Cadetship for veterinarians to work on Aquatic Animal Health;
- The new Subprogram could explore the resources available for succession planning and training.