



THE AUSTRALIAN AND NEW ZEALAND  
COUNCIL FOR THE CARE OF ANIMALS IN  
RESEARCH AND TEACHING

**SIXTEENTH ANNUAL REPORT**

Year Ending 31 December 2008

© ANZCCART 2009

Australian and New Zealand Council for the Care of Animals in  
Research and Teaching (ANZCCART) Limited.

A.C.N. 063 383 522

**Contact Address Details:**

Courier Address:

Suite 19, Level 1  
30 – 32 Stirling Street  
Thebarton  
South Australia 5031

Mail Address:

C/o The University of Adelaide  
South Australia 5005  
Australia

Tel: +61-8-8303 7585

Fax: +61-8-8303 7587

e-mail: [anzccart@adelaide.edu.au](mailto:anzccart@adelaide.edu.au)

website: <http://www.adelaide.edu.au/ANZCCART/>

New Zealand:

PO Box 598

Wellington

New Zealand

Tel: +4-4-470 5784

Fax: +64-4-473 1841

e-mail: [anzccart@royalsociety.org.nz](mailto:anzccart@royalsociety.org.nz)

website:

[http://www.royalsociety.org.nz/Site/About/Our\\_structure/advisory/anzccart/default.aspx/](http://www.royalsociety.org.nz/Site/About/Our_structure/advisory/anzccart/default.aspx/)

ISSN 1322-1779

## ABOUT ANZCCART

The Australian and New Zealand Council for the Care of Animals in Research and Teaching (ANZCCART) was established in 1987 in response to concerns in both the wider and the scientific communities about the use of animals in research and teaching, and was incorporated in 1993 as a non-profit company. ANZCCART is an independent body that has been developed to provide a national and international focus for these issues. Through its varied activities ANZCCART seeks to promote effective communication and cooperation between all those concerned with the care and use of animals in research and teaching.

## MISSION STATEMENT

ANZCCART will foster and promote best practice in ethical, social and scientific issues relating to the use and wellbeing of animals in research and teaching.

### Key objectives

*To achieve its mission, ANZCCART will promote:*

*Excellence in the care of animals supplied for or used in research and teaching;*

*Responsible scientific use of animals;*

*The 3Rs policy of Replacement, Reduction and Refinement as they apply to the use of animals for scientific purposes;*

*Informed discussion and debate within the community regarding these matters; and*

*Strategic partnerships to contribute to the education and training of scientists, students and the broader community*

ANZCCART seeks to achieve these objectives, first by providing an ongoing focus to the social, ethical and scientific issues involved, second by providing a forum for discussion of these issues and third by facilitating access to relevant specialist advice and resources.

Further, through its publications and activities ANZCCART is a source of information for the general public about how animals are used in research and teaching in Australia and New Zealand.

ANZCCART operates on a purely advisory basis and its membership represents the interests of government, funding organisations, research and teaching institutions, professional organisations and the community.

# CONTENTS

Preface	1
Members of the Board, Council and Staff of ANZCCART	2
Members of the Board and Staff of ANZCCART New Zealand	4
ANZCCART Board Report	6
ANZCCART New Zealand Board Report	17
Chief Executive Officer's Activities 2008	18
Financial Statements and Auditor's Report	20

## APPENDICES

1. Publications (including Workshop Reports)	39
2. Fact Sheets	41
3. Ethical guidelines for students using animals or animal tissues	42
4. What is ANZCCART and what does it do?	43
5. Commonly Encountered Acronyms	45

## PREFACE

ANZCCART continued to provide leadership in the development of community consensus in the ethical social and scientific issues that relate to the scientific use of animals in research and teaching during the course of 2008. This was largely achieved through various activities including the annual conference, publication of ANZCCART News, hosting public seminars, provision of training in ethics and the Australian Code of Practice to researchers and teachers as well as members of Animal Ethics Committees and the ongoing processes of revising, upgrading and expanding our web site. ANZCCART has also continued to serve as an advocate for the Australian Code of Practice for the Care and Use of Animals for Scientific Purposes as well as the principles of the 3Rs, namely:- Replacement, Reduction and Refinement as they relate to the scientific use of animals.

As always, 2008 was a very busy year for ANZCCART with an ever expanding role in the training of researchers and AEC members serving as an indicator of the increasing importance ascribed across the broader community to ensure that all people who are involved are adequately and appropriately trained. We also started a substantial programme of updating all current ANZCCART published information - starting with the highly regarded ANZCCART Fact Sheets, which are keystone sources of information for new investigators in particular. The publication of ANZCCART Fact Sheets commenced in 1993 with "The Mouse" featuring as a two – part forerunner of a series that now stands at 26 published Fact Sheets. While much of the content of these publications remains as correct and relevant today as it did when they were first published, expected standards of treatment for animals have moved on and there have been also been two revisions of the Code of Practice during the intervening years, so it was deemed essential that all Fact Sheets more than five years old were withdrawn until they could be assessed and revised as appropriate for republication. Even though this process is now in progress and will be completed as soon as possible, it has also been a catalyst for the review of topics covered by ANZCCART Fact Sheets and is leading to the production of further Fact Sheets during subsequent years.

The 2008 ANZCCART Conference was held in Auckland, New Zealand from the 29<sup>th</sup> June to the 1<sup>st</sup> July and despite the need for a last minute change of venue, was very successful with over 80 delegates participating. A more detailed report on the conference is presented later in this report.

Yet again, we were limited to publishing two editions of ANZCCART News by a shortage of original, appropriate material to publish. As we have set a goal of publishing at least three and hopefully four editions of ANZCCART News during 2009, we seek the support of all ANZCCART Stakeholders and ask that as many as possible submit relevant material for publication this year.

Throughout the past year, ANZCCART has continued to actively support the Australian Animal Welfare Strategy (AAWS) and work with the relevant Government Departments and other interested groups to ensure that the AAWS continues to develop and maintain an appropriate national culture regarding our interaction with all animals. You may also have noted earlier in this Annual Report, that the ANZCCART Mission Statement has been modified to specifically include provision for the formation of strategic partnerships that may allow ANZCCART to better serve its membership and the general community within the capacity of our limited financial and physical resources. I would therefore like to take this opportunity on behalf of the ANZCCART Board to endorse this ideal and strongly encourage any group interested in working with ANZCCART in pursuit of our common goals, to contact the ANZCCART Office with a view to potentially forming a mutually beneficial strategic partnership that may enhance our chances of achieving stated goals.



Dr Chris Prideaux  
Chairman  
ANZCCART Board

# MEMBERS OF BOARD, COUNCIL AND STAFF OF ANZCCART

## ANZCCART Board

### Chairman

Dr. Chris Prideaux BSc (Hons), PhD	CSIRO	Continuing
------------------------------------	-------	------------

### Members

Professor Lee Astheimer BSc (Hons), PhD	UA	Continuing
Mrs. Elizabeth Grant AM PhC, MPS	NHMRC	Continuing
Dr Jeffrey Schwartz BS (Hons), PhD	ARC	Continuing
Mrs Gillian Sutherland, MSc	RSNZ	Continuing
Dr. Chris Prideaux BSc (Hons), PhD	CSIRO	Continuing

## ANZCCART Staff

### Chief Executive Officer

Dr. Geoffrey Dandie BSc (Hons), PhD

### Administrative Assistant

Ms Christine Wadey

## ANZCCART Council<sup>1</sup>

### Chairman

Chris Prideaux BSc (Hons), PhD	CSIRO
--------------------------------	-------

### Members

Lee Astheimer BSc (Hons), Ph.D	Universities Australia
Janine Barrett PhD, BVSc, MVSc, MACVSc	Queensland Department of Primary Industries
Alan Baxter MBBS, PhD	Australasian Society for Immunology Inc.
Andrew Brennan BA, PhD	Lay Member
Yvette Chen PhD BVSc CertLAS.	Bureau of Animal Welfare, Victoria (Part Time)
Mary Lou Conway BVSc(Hons), PhD	Department of Primary Industries and Water - Tasmania
Kevin Doyle BVSc, MACVSc, Grad.Cert.Man., MASM	Australian Veterinary Association
Paul Dugdale BMBS MA MPH PhD FAFPHM	ACT Health
Elizabeth Grant AM, PhC, MPS	National Health and Medical Research Council
Peter Holdsworth BSc (Hons), PhD	Animal Health Alliance (Australia) Ltd
Deborah Kelly BSc (Vet. Biol), BVMS	SA Department for Environment and Heritage
Tim Kuchel BVSc (Hons), MVS, DVA, MRCVS	Australia & New Zealand Laboratory Animals Association
Dani Maver BVSc (Hons), MACVSc	Bureau of Animal Welfare, Victoria (Part Time)
Chris Prideaux BSc (Hons), PhD	Commonwealth Scientific & Industrial Research Organization
Margaret Rose BVSc, PhD	NSW Agriculture
Jeffrey Schwartz BS (Hons), PhD	Australian Research Council
Jonathan Stone MBBS, PhD, FAA	Australian Academy of Science
John Strachan LLB	Animal Welfare Member
Gill Sutherland MSc	Royal Society of New Zealand
Ross Weaver BEc	WA Department of Local Government
Ray Yates	Flinders University

<sup>1</sup> See Appendix 5 for a list of acronyms and their meanings.

# MEMBERS OF THE BOARD AND STAFF OF ANZCCART NEW ZEALAND

ANZCCART in New Zealand operates as a Standing Committee of the Royal Society of New Zealand appointed by the Council of the Society under Section 27(1) of the Society's 1997 Act. Members of the New Zealand Board of ANZCCART are appointed by the Council of the Society after consultation with the interests represented within the financial membership. The Royal Society of New Zealand has a seat on the Board of ANZCCART Australia.

## ANZCCART NEW ZEALAND BOARD

### Chairman

Mark Fisher MSc, PhD, Dip Arts	Appointed by the Royal Society of New Zealand
--------------------------------	---

### Members

Pat Cragg BSc (Hons), PhD	University of Otago (Appointed by RSNZ)
Jim Webster BAgSci, MAgrSci, PhD.	AgResearch Ruakura, Palmerston North (AgResearch Nominee)
John Schofield BVSc, MRCVS, DipACLAM	University of Otago (Associate member nominee)
Martin Kennedy BSc (Hons), PhD	Christchurch School of Medicine, University of Otago
Kevin Stafford MVB, PhD, MSc, MRCVS, MACVSc	Massey University (NZVCC nominee)
Sally Birdsall BA, DipTchg, GDITE, MED (Hons)	University of Auckland Faculty of Education (Appointed by RSNZ)
Jeanette Crosado	RNZSPCA (Associate member nominee)
Donald Love BSc (Hons), PhD	University of Auckland (Appointed by RSNZ until October, 2008)
Jacqueline Keenan MAppl Sci (Hons), PhD	University of Otago, Christchurch (Appointed by RSNZ)
Laura Bennet BA, MA, PhD.	University of Auckland (Appointed by RSNZ from November, 2008)

### Executive Officer (part-time)

Gill Sutherland MSc (Hons)

**Full members of ANZCCART New Zealand**

New Zealand Vice-Chancellors' Committee
New Zealand Pastoral Agriculture Research Institute Ltd (AgResearch)
Manaaki Whenua - Landcare Research Ltd
Royal Society of New Zealand

**Associate members of ANZCCART New Zealand**

Agricultural Chemical and Animal Remedies Manufacturers Association of New Zealand (AGCARM)
Animal Science Technicians' Association of New Zealand
AgriQuality Ltd
Department of Conservation
Biosecurity New Zealand
National Institute of Water and Atmospheric Research Ltd (NIWA)
New Zealand Veterinary Association
Royal New Zealand Society for the Prevention of Cruelty to Animals

# BOARD REPORT FOR 2008

This report records the activities and achievements by ANZCCART in Australia and New Zealand during the calendar year 2008.

## The Board

Membership of the Board of ANZCCART is shown on page 2.

Dr Chris Prideaux (CSIRO Nominee and Deputy Chief, CSIRO Livestock Industries) continued to serve in the position of Board Chair throughout 2008. Professor Lee Astheimer (Universities Australia Nominee and Deputy Vice-Chancellor – Research, University of Wollongong) also continued as Deputy Chair.

Dr Jeffrey Schwartz (Senior Lecturer in Physiology, University of Adelaide) remained on the Board as the ARC Nominee and Mrs Gill Sutherland continued in her position representing the Royal Society of New Zealand on the Board. Dr Pat Cragg continues as her alternate.

At the invitation of the Board, Mrs. Elizabeth Grant (Chairman, NHMRC Animal Welfare Committee) remained on the Board throughout the year.

ANZCCART's Chief Executive Officer, Dr Geoff Dandie, acted as Company Secretary throughout the year.

The Board met on six occasions during 2008:

Wednesday 30<sup>th</sup> January, 2008 (Teleconference)

Members present: Dr Chris Prideaux (Chair), Prof Lee Astheimer, Mrs Elizabeth Grant, Dr Jeffrey Schwartz Mrs Gill Sutherland and Dr Geoff Dandie.

Monday 7<sup>th</sup> April, 2008 (Teleconference)

Members present: Dr Chris Prideaux (Chair), Prof Lee Astheimer, Mrs Elizabeth Grant, Dr Jeffrey Schwartz, Mrs Gill Sutherland and Dr Geoff Dandie.

Thursday 29<sup>th</sup> May, 2008 (Teleconference).

Members present: Dr Chris Prideaux (Chair), Prof Lee Astheimer, Dr Jeffrey Schwartz, Mrs Gill Sutherland and Dr Geoff Dandie. Apologies were received from Mrs Elizabeth Grant

Wednesday 23<sup>rd</sup> July, 2008 (Teleconference)

Members present: Dr Chris Prideaux (Chair), Prof Lee Astheimer, Mrs Elizabeth Grant, Dr Jeffrey Schwartz, Mrs Gill Sutherland and Dr Geoff Dandie.

Friday 17<sup>th</sup> October, 2008 (In Person in the ANZCCART Board Room, Thebarton South Australia)

Members present: Dr Chris Prideaux (Chair), Prof Lee Astheimer, Mrs Elizabeth Grant, Dr Jeffrey Schwartz, Mrs Gill Sutherland and Dr Geoff Dandie.

Dr Mark Fisher (Chair of the ANZCCART New Zealand Committee) was invited to attend as an observer.

Ms Chris Wadey (ANZCCART) also participated in this strategic planning meeting.

Wednesday 3<sup>rd</sup> December 2008 (Teleconference)

Members present: Dr Chris Prideaux (Chair), Prof Lee Astheimer, Mrs Elizabeth Grant and Dr Geoff Dandie. Apologies were received from Dr Jeffrey Schwartz and Mrs Gill Sutherland.

## **The Council**

Members of the ANZCCART Council are listed on page 3. The membership of ANZCCART Council remained unchanged during 2008, although Dr Yvette Chen filled in for Dr Dani Maver for approximately nine months while Dr Maver was on leave.

## **Administration**

Dr Geoffrey Dandie continued to serve as Chief Executive Officer and Company Secretary throughout 2008.

Ms Chris Wadey continued to serve as administrative assistant throughout 2008.

The University of Adelaide continued to provide ANZCCART with office accommodation and other services and facilities on the Thebarton Campus. We are located in Suite 19, Level 1 of the Office Block (Building One) within the University of Adelaide's Research Park – Thebarton Campus.

## **2008 Annual General Meeting**

The AGM for 2008 was held on Monday 7<sup>th</sup> April, 2008 in the offices of ANZCCART, Suite 19, Level 1 of the Office Block (Building One) within the University of Adelaide's Research Park – Thebarton Campus.

### **1. Welcome**

The Annual General Meeting for 2008 was opened by the Chairman of ANZCCART, Dr Chris Prideaux at 11.00am.

The following people were welcomed: Geoffrey Dandie (CEO, ANZCCART), Jeff Schwartz (Australian Research Council), Michele Walter (Department for the Environment and Heritage, SA), Tim Kuchel (Australian and New Zealand Laboratory Animal Association) and Chris Wadey (ANZCCART) in the ANZCCART Office and Lee Astheimer (Universities Australia), Elizabeth Grant (National Health and Medical Research Council), Gill Sutherland (Royal Society of New Zealand), Janine Barrett (Department of Primary Industries and Fisheries, QLD), Yvette Chen (Bureau of Animal Welfare, Victoria), Kevin Doyle (Australian Veterinary Association) and Ross Weaver (Department of Local Government and Regional Development, WA) via teleconference

### **2. Apologies and Proxies**

Apologies and proxies in favour of the Chair, Chris Prideaux, were received from: Mary Lou Conway (Department of Primary Industries and Water, Tasmania) and Peter Holdsworth (Animal Health Alliance, Australia, Ltd). Apologies were received from Ray Yates (Flinders University).

### **3. Confirmation of Minutes**

The minutes of the Annual General Meeting for 2007 held at the ANZCCART office, Adelaide on Friday 23 March 2007, were circulated prior to the meeting. Jeff Schwartz proposed that the minutes for the Annual General Meeting be accepted. This was seconded by Kevin Doyle and carried.

### **4. Matters Arising from the Minutes**

There were none.

### **5. Consideration of the Annual Report for year ending 2007**

The Annual Report for 2007, in draft form was circulated prior to the meeting. Jeff Schwartz asked if the relocation of ANZCCART's office had any impact on our operations. Members were advised that ANZCCART's relocation had minimal impact, but meant we now had the convenience of free parking for visitors but did mean that mail deliveries were delayed and suggested any urgent mail should be directed to the courier address as listed in the Report. It was suggested that the Annual Report be considered separately as the

financial statements are interim statements only due to the incomplete figures for Cash Flows on page 27 of the Financial Statements and some figures related to conference income still to be confirmed by the auditor. The remaining figures are complete and have been verified.

**6. Adoption of the Annual Report, Financial Statements and Auditor's Report**

Geoff proposed that the draft Annual report with the interim Financial Statements be adopted. The final statements will be circulated to the Board and Council and when approved, the Annual Report will be formally accepted. It was agreed to adopt the draft Annual report.

**7. Reports from Member Organisations:**

**Department of Primary Industries and Fisheries, Queensland**

**Janine Barrett** referred to her written report which was submitted that morning. Biosecurity Queensland was formed last year within DPIF and has brought together animal, pest and plant related issues from the Department of National Resources and Water. The Animal Welfare Unit is now within Biosecurity. Noel Standfast and Linda Murphy retired last year and the animal ethics program is now being implemented by Janine, Karen Boundy and Jenny Burchmann. There are fifty two AECs in Queensland with no changes in legislation last year relating to scientific use. The Department led a series of State Regulator Meetings which has enabled more collaboration of regulators resulting in changes to the registration processes and modifications to animal type categories used to collate national statistics. Three AEC member training workshops were run last year with four to five planned for this year. The Education sector is still supported with particular assistance through quarterly meetings. The Department is trying to maintain contact and improve communication with registrants and interested persons through frequent newsletters.

**Department of Primary Industries, Victoria**

**Yvette Chen** explained that she has just started work and is replacing Dani Maver while she is on maternity leave. The Department is currently revising the Prevention of Cruelty Act which has been delayed so the existing Act has now been given a years extension. Hopefully they will soon be releasing a Regulatory Impact Statement. The main change will be the inclusion of decapods for scientific procedures. The Schools project is ongoing and benchmarking has now been completed to determine the baseline level of teachers adopting the legislation regarding licenses and AEC oversight. The Department has contacted Schools Victoria regarding typical classroom activities suitable for generic templates which may help with compliance. Annual statistics for reporting were due in by 31 March and are still coming in. The 2006 statistics are now ready for submission. The Minister's 3Rs prizes for junior and senior categories were presented at the annual scientific seminar and more information on the prize winners is available on the website. There are four AEC member training sessions planned for this year, with the first being held tomorrow. The Bureau of Animal Welfare is working on online access for licensing, annual returns, notifications etc but this has been delayed with technical issues. The former Chairs Committee, now known as the AEC Advisory Committee, and its steering Committee have organised online training for investigators to help with legislative requirements, 3Rs, their responsibilities etc. They are about to release guidelines for dealing with adverse incidents. There have been recent discussions about training of Animal Technicians and the feedback from RTOs indicates some deficits in training of animal technicians. After consultation with the AEC Advisory Committee it was decided an Industry Reference Group should look into it further. Last year Dani released guidelines for blood harvesting for commercial and research purposes that is now available on the website. The Wildlife and Small Institutions AEC is going well and complements the DSE's requirement in Victoria for scientific permits for helping smaller research groups dealing with wildlife. Max Campbell, who runs that group, is collating SOPs on wildlife work and the Department is looking at compiling them into something substantial that can be made available on the website.

**AVA**

**Kevin Doyle** informed the meeting that he represents the AVA on the Australian Animal Welfare Strategy Advisory Committee and is a mentor to the Companion Animal Welfare Group. He is also on the National Advisory Committee on Animal Welfare which positions the AVA well as a contributor to animal welfare nationally. The AVA has linkage with three research centres at Werribee, Armidale and the University of Queensland, particularly with groups led by Andrew Fisher and Clive Phillips. They are also a member of the Australian and New Zealand Invasive Animals Co-operative Research Centre and are involved in control of pest animals. The Animal Welfare Advisory Committee of the AVA works with their Policy Advisory Council and has approximately thirty major policies at various stages, most of which affect animal welfare. The AVA Animal Welfare Trust, is entirely funded by member contributions and funds a couple of small projects each

year, one of which involves the movement of horses and the other is dealing with markers on cattle, with animals in each project being regarded as research animals. The Animal Ethics Advisory Committee, within the AVA is designed to help members handle their AEC obligations in the best possible way. The AVA are also deeply involved in the agreement to move the codes of practice beginning with farm animals, from codes into standards and guidelines to make regulation easier. This being based on the understanding that “Standards” define things which are required and “guidelines” describe things that should be done.

### **Department for the Environment and Heritage South Australia**

**Michele Walter** reported on behalf of Deb Kelly. Michele spoke of the amendments to the Prevention of Cruelty to Animals Act which was passed by Legislative Council earlier this year. Michele said it was a milestone for the Department after three years of attempting to have it considered. It is scheduled to be discussed again in the House of Assembly this week and then will follow with discussion of the regulations. There are no major changes planned to teaching and research use, aside from minor administrative matters. In spite of strong public support, the Minister decided not to change to the status of fish under the Act. The Department is continuing to host biannual meetings of the AEC Chairs and Executive Officers and are also facilitating the triennial external review process. In South Australia, there are ten Animal Ethics Committees, eight of which have been reviewed and the final two will be completed in September. The Animal Welfare Unit will liaise with the Chairs to produce a report which will be sent to the Committees outlining the general findings from the first round of reviews. The review process will be considered to see if there are any changes needed for round two. The first AEC Members Training Day facilitated by the Department, ANZCCART and the Chairs and Executive Officers Group is being held in May. The draft programme should be out this week. The Department has received nearly all the statistical data and annual reports for 2007 based on the “old” category lists for the animal usage statistics but hope to get all the databases updated for the 2008 statistics.

During discussions, it was confirmed that the Minister had decided not to support the public’s desire to include fish under the new Act. It was noted that the exclusion of fish makes it extremely difficult for University based aquaculture researchers collaborating with Industry or Government who did not need AEC approval. The idea of having the use of fish in research and teaching governed by regulation was raised and is under consideration.

### **ANZLAA**

**Tim Kuchel** reiterated that ANZLAA is now the combined organisation of animal technicians and scientists involved in the use of laboratory animals in research and teaching. Their financial support for ANZCCART will continue as they see ANZCCART pivotal to the good standing of animal research in the eyes of the public. ANZCCART’s “honest broker” role is extremely valuable as an organisation like ANZLAA can’t do what an organization with the gravitas of ANZCCART can achieve. ANZLAA members continue to be committed to the triennial review of AECs. Tim supported the examination of animal technician training being undertaken in Victoria as is an important topic for ANZLAA members. It is also important to ensure that high standards are maintained. Tim reinforced points made in last year’s report regarding appropriate funding of animal facilities and training which require broad support to ensure that Australia keeps the standards of laboratory animal science constantly improving and felt that with ANZCCART’s help, this can be achieved.

### **NHMRC**

**Elizabeth Grant** advised that the wellbeing document, formerly the pain and distress document, is at the printers now and Ethics Committee should have a copy within the next three weeks. The public consultation period for the monoclonal antibody document is now closed and the document will be looked at shortly. The statement of compliance for last year is finished. Also, Liz referred to Kevin’s report and added that the Animal Research and Teaching Group of AAWS is busy with a research project which looks at the measurement of animal welfare so there will be base line data where we can measure what is being achieved through AAWS. AAWS are also currently planning for their Conference which is being held in September.

### **ANZCCART NZ**

**Gill Sutherland** announced that the new Chair of ANZCCART NZ, Dr Mark Fisher is a Bioethicist with a background in Agricultural Science and previously served on the New Zealand Board. The Board have interviewed many scientists for good news stories for their school DVD. The first cut is now being refined and it is hoped that the DVD will be released at the ANZCCART Conference in Auckland in June/July. Last year ANZCCART New Zealand introduced the Animal Care Technicians Award to recognise the significant contribution made by an individual New Zealand based technician, particularly in regard to the welfare of

animals. This will now be offered annually. Five regional prizes to school science fair participants were also awarded and will continue this year. ANZCCART New Zealand is presently involved with organising the ANZCCART Conference which is being held in Auckland from the 29 June to 1<sup>st</sup> July this year.

Chris Prideaux encouraged members to register for the Conference as they always prove to be very worthwhile.

### **DLGRD, Western Australia**

**Ross Weaver** reported most of the focus in Western Australia has been on non-scientific issues. One of the major issues affecting the Department is the lack of resources for activities which has proved to be quite problematic. The main activity for the year, and stimulated by media interests, has been trying to improve statistics compilation and reporting. The Department has been looking at the improved partnership with the Department of Agriculture and Food based at scientific and non-scientific levels. The routine work of licensing and incident management is continuing with resource funds still remaining a major problem for the Department.

### **CSIRO**

**Chris Prideaux**, as well as being Chairman of ANZCCART, is Deputy Chief of Livestock Industries within CSIRO and is also their advisor on animal welfare. Chris explained that CSIRO differ from State Departments as they are not a legislative organisation and their concern is within the science and research areas. Over the last year CSIRO have updated and signed off their new policy which is to adopt the Code of Practice as well as state legislation. As CSIRO does not receive funding from the NHMRC, the adoption of the Code within their policy is how CSIRO ensure full compliance with the Code of Practice. CSIRO are also midway through revising their website, which is a never ending process of constantly updating and bringing the sites into line. They have an unusual place within the Australian Research organisations as they cover all the states in the country which presents challenges in the welfare area. CSIRO has about twelve AECs across Australia, excluding Northern Territory and Tasmania, with multiple committees in some of the states and also some AECs having licences in more than one state. CSIRO are grappling with rationalising AECs, particularly in the division of livestock industries, as there are five sites and the scientists who are involved in projects cut across state boundaries. They are handling applications where a researcher is having three AECs approve his ethics applications to cover three states. CSIRO acknowledge the need to reconsider their AECs and look at reducing the number of committees, going to state committees and cross-licensing some of those committees. Within the research area, there has been a heavy focus on mulesing and alternatives and methods of pain control. Road transport as well as standards and regulations in areas of student participation have also been discussed. Within the Science area, the Office of the International Epizootic (OIE), which is the animal equivalent of the World Health Organization for humans has just taken on the laboratory animal welfare area. Australia and New Zealand have a joint application to the OIE to be a world reference laboratory in animal welfare and if successful, that will be the only region in the world to have one. The application involves DPI Victoria, The University of Melbourne, CSIRO Armidale, University of QLD, AgResearch New Zealand and Massey University, New Zealand. It will be the first virtual centre for the OIE and only the second for welfare and it will underpin research not only for production animals but also for laboratory animals. The need to look at national statistics and how the states can be brought together is a concern at CSIRO as Chris is required to provide a report on animal statistics and finds putting it into something meaningful is a real challenge.

Chris thanked Member Organisations for their reports and contribution during the year. He added it is helpful to see how the states and various other organisations are doing, obviously having similar agendas and common activities that may lead to fruitful collaborations.

## **7. Summary of the ANZCCART Strategic Planning Meeting**

The summary of the ANZCCART Strategic Planning Meeting held 5 October 2007 was circulated prior to the Meeting. Chris told members that he became Chair of the Board of ANZCCART just over a year ago in time for the 2007 AGM. He added that as a new Chair he gave consideration to the organisation he had responsibilities for, looking at where it is going and where it has come from. The Board met face to face for a Strategic Planning meeting to reflect on the establishment of ANZCCART in 1987 and its role. Chris referred to the summary and the Board's decision that the reasons for ANZCCART's establishment are just as valid now as they were then and they are comfortable as a Board that there was still a role for ANZCCART in the environment we work in and probably even a growing role. The Board noticed a number of changes in the working environment since 1987, such as the Code of Practice which was just a voluntary code people adopted and worked to, and it has now been incorporated into state legislation, bringing definite advantages but also some other challenges as to how we move forward. During that time AEC's operations were a fairly *ad hoc*

process but now the operations of AEC are also embedded in the Code as well as legislation across the various states. Although there have been changes in the major environment that ANZCCART operates in, the core beliefs remain as relevant today as what they were in its establishment.

The Board discussed ANZCCART's Mission Statement and Key Objectives. The Board proposed that the Mission Statement be:

“ANZCCART will foster and promote best practice in ethical, social and scientific issues relating to the use and wellbeing of animals in research and teaching.”

The Key Objectives have changed slightly with a fifth objective having been added to the first four objectives which were ANZCCART's original objectives in 1987.

“Strategic partnerships to contribute to the education and training of scientists, students and the broader community”.

Chris added it is important for ANZCCART to promote the activity of developing partnerships as it is only through those partnerships that ANZCCART can have an impact and deliver on the other objectives.

Chris referred to the various meetings of Chairs and Executive Officers and while they know of ANZCCART and are very supportive, they were also very surprised to learn that it consists of 1.7 people. It is important for ANZCCART that everybody contributes as a network of people delivering and moving forward together and there is no way it can be expected that 1.7 of staff can have a significant impact on the way it operates and to move forward. The Board are proposing the fifth objective which ANZCCART needs to foster as an organisation and is further supported by their participation in training days, the ANZCCART News, annual Conferences, website, all of which help promote and develop those networks.

With science and technology fields using more animals, the movement of non-government organisations such as PETA and Voiceless becoming increasingly visible and having an impact on community issues, all of which mean we need to continually push forward the boundaries of Animal Welfare and look at animal use and the collation of these statistics to ensure they are constantly evolving and need to push the boundaries for the welfare of animals. With this in mind, the Board believe that ANZCCART still has a vital role in the Australian Research and Animal Welfare Community into the future.

Chris referred to the feedback from key stakeholders with the main messages being overwhelming support for ANZCCART and the need for an independent voice. There was also feedback on ANZCCART's role and communication with the need to be out there more and engaging with people. There was support for ANZCCART News, the website and fact sheets with comments on the need to improve and review them more regularly. Chris stressed that ANZCCART is happy to receive input on ideas for stories and volunteers for writing or reviewing fact sheets. Chris summarised the Board's discussion of the strategic direction of ANZCCART going forward to take a more public profile; to collaborate, support and promote other organisations in Australia that are also involved with animal welfare, care and teaching; to offer support and engage schools such as the production of the DVD for schools by the ANZCCART New Zealand office; to assist with better training for new experimenters and staff and animal production facilities; to improve public relations on how to look and provide a two way flow of information; to continue to support AECs; to extend the range and also review facts sheets regularly; to consider workshops and to publish specialised monographs.

The Board have agreed to meet face-to-face once a year to consider activities for the upcoming year and to where our focus should be. The Board believe they have a good strategic direction planned for ANZCCART and now it is just the case of driving it there.

## **8. Consideration of the Revised ANZCCART Mission Statement and Objectives**

A copy of the proposed ANZCCART Mission Statement and Objectives was circulated prior to the meeting. Chris referred to the earlier discussion and sought approval from Council to formally adopt the new Mission Statement and Objectives, subject to some final word-smithing and circulation of the final version.

It was resolved to include the following fifth objective: “Strategic partnerships to contribute to the education and training of scientists, students and the broader community”.

## **9. Any Other Business**

Tim Kuchel referred to the Good News Stories which Gill Sutherland mentioned in her Report earlier. He wanted to ensure that the stories are consistent with ANZCCART's "honest broker" role rather than that of a research defence society and the stories are put in the context of explaining what research does rather than trying to justify it. Gill advised the stories were on scientists using animals, on how they have used the animals and what the outcome has been. They show how there is a system in place in New Zealand and Australia and approval is needed before research on animals is undertaken and explains the regulatory process in place. The stories are balanced but are still at a technical level and need to be adapted to a secondary school level. Chris agreed with Tim's comments on ANZCCART's role and added that Gill and ANZCCART New Zealand are conscious of this.

Janine Barrett enquired why Northern Territory is not on the membership list and Geoff explained that this was not a result of exclusion, merely a failure of the NT Government Department to join. Janine added that Graham Franklin has been participating in the SRMs and is currently reviewing the animal welfare act and it would be consistent with a national approach at an animal welfare level to encourage Northern Territory to participate. Janine will supply Geoff with Graham's email details and an invitation to join ANZCCART will be extended to him.

## **Close of Meeting**

Chris Prideaux formally closed the meeting and thanked members for their participation and also for their support of ANZCCART over the year. ANZCCART looks forward to working with everybody again in the coming year.

## **Annual Conference**

The 2008 ANZCCART Conference was held in Auckland, New Zealand from the 29<sup>th</sup> June to the 1<sup>st</sup> of July. The theme for this year's conference was "Blue Sky to Deep Water" signifying the full gambit of relevant research activities from the very hypothetical right through to the deeply practical issues associated with aquaculture and the increasing use of fish species as laboratory models.

The New Zealand Organizing committee received well deserved congratulations from all delegates for putting together an excellent and challenging programme of papers and discussion groups during the three day conference.

John Martin (Chairman of National Animal Ethics Advisory Committee (NAEAC)) opened the conference and spoke about areas of mutual interest to both ANZCCART and NAEAC – particularly on the role play by those that choose to protest against the use of animals in research and teaching. He spoke of the important role ANZCCART has played by helping to maintain some form of dialogue between those that have to use animals in research for example and people who strongly oppose this practice.

The first session of the conference focussed on some of the issues that are associated with the use of animals in various sectors such as research institutes as well as agricultural or pharmaceutical industries. There was also much discussion of issues associated with international benchmarking of 'best practice' and the importance of maintaining the highest standards in any work of this kind.

Discussion groups dominated the rest of the afternoon, which not only proved to be very productive, but also helped all delegates interact and discuss common issues with group members that spanned the region. Day two of the conference began with a series of papers on various research models that included both computer and animal model systems ranging from zebrafish to sheep. After a break, there was an excellent session that was set up as a forum for brief presentations describing "unexpected outcomes" as they had occurred in a wide variety of work situations. These included the effects of ammonia levels on animal house rodents and compared this to situation of rats in the wild and showed that rats are not affected by ammonia levels in the way we might expect. Other talks illustrated how the effects of healthy diet and exercise on rats may not all be good, some of the challenges that have been experienced while ensuring full compliance with the Code of Practice in Schools, difficulties that have arisen during the process of translating work on disease models into other species such as the zebrafish, how difficulties getting an application

approved by an AEC finally resulted in a great outcome and finally, how a failed attempt to develop an animal model for colitis resulted in a model for spontaneous bowel cancer.

The afternoon sessions of day two were devoted to discussion of issues associated with defining and challenging our concepts of 'ethics' as well as the problems faced by animal house staff when they have to euthanase animals such as grief and stress. There were several challenging papers presented during the afternoon and these included the Cam Reid Oration, which was delivered by Mark Fisher and the ANZCCART Student Award winner Mairi Stewart.

After an excellent and entertaining conference dinner that included the presentation of the 2008 ANZCCART New Zealand Animal Technicians Award, the conference reconvened the next morning with a session looking at conservation of wildlife. This session featured three excellent papers looking at issues such as the conservation of the Kiwi, animal behaviour in the wild and the problems associated with controlling feral pest species.

The final session of the conference focussed on fish welfare and covered topics ranging from problems experienced with variations in legislation right through to some hard and practical issues associated with analgesic use in fish and so completed the conference theme of blue sky to deep water.

### **ANZCCART NZ Animal Care Technician's Award**

Animal care technicians working in research, testing and teaching organisations are the personnel who make the use of animals possible in a wide range of experimental situations. ANZCCART New Zealand has established an award to recognise the significant contribution made by an individual New Zealand-based technician, particularly in regard to the welfare of the animals.

The 2008 winner of the ANZCCART New Zealand Animal Care Technician's Award was Susan Keall, Senior Technical Officer - Conservation Ecology at Victoria University of Wellington (VUW). Dr Mark Fisher, ANZCCART New Zealand Chair, presented Susan with her award at the 2008 ANZCCART Conference. Susan then gave a very entertaining and passionate talk on her work.

Susan was originally employed as a laboratory technician in zoology with some responsibilities for animal care. The role has developed into support of research and teaching in the field of conservation ecology in the School of Biological Sciences at VUW, in particular research and conservation of tuatara. A key area of Susan's work since 1991 has been responsibility for a captive colony of tuatara at VUW. This work has included incubation of eggs, "head starting" juveniles for reintroduction to the wild, and maintenance of a colony on public display. The most significant of these programmes is captive incubation of eggs for production of juvenile tuatara to augment threatened island populations (Red Mercury, Stanley, Cuvier and Little Barrier Islands), and to found new island populations (Titi, Matiu/Somes, Wakaterepapanui and Long Islands).

Refinement of incubation and husbandry techniques has enabled high survival of eggs and juveniles, to provide large numbers of young tuatara to be "head-started" for these reintroduction programmes. Improved husbandry has also produced better quality juvenile tuatara for release into the wild, an important factor for ensuring the ability of a founding population to survive and become self-sustaining. Success of the head-start programme is reliant on good follow-up maintenance of juveniles, through all stages including 5–8 years at the head-start facility, during transit to the release location, and post-release in the new habitat. Susan has been integrally involved in all of these stages, monitoring health and survival and also advising head-start facility staff on husbandry.

### **Delegate Feedback on the Conference:**

We received an excellent response from conference delegates with the overwhelming majority of the feedback / comments being positive about the conference.

### **Next year's conference:**

This will be held in Far North Queensland from Tuesday 28<sup>th</sup> July until Thursday 30<sup>th</sup> July, 2009.

### **Conference Proceedings:**

The proceedings from this conference will be published on the ANZCCART New Zealand Web Site shortly.

## Newsletter

Two editions of *ANZCCART NEWS* were published during the 2008. Once again it was a great disappointment that we were not able to meet our stated aim of three editions, but the lack of available publishable material for *ANZCCART News* remains a significant problem at this level. The newsletter is currently sent by email to over 1,000 individuals and the readership list continues to expand. All editions of *ANZCCART NEWS* dating back to March 1997 are now available from the ANZCCART website: [www.adelaide.edu.au/ANZCCART](http://www.adelaide.edu.au/ANZCCART)

*ANZCCART NEWS* does however continue to routinely contain high quality papers reporting original work. Some notable papers during 2008 included:

*Infrared thermography and heart rate variability for non-invasive assessment of animal welfare*

*Guidelines to promote the wellbeing of animals used for scientific purposes: The assessment and alleviation of pain and distress in research animals*

*AAWS 2008 International Animal Welfare Conference*

*News from NZ - NAEAC Annual Report*

*News from Overseas - 2008 Humane Education Award*

*AAWS Comes of Age: The AAWS 2008 International Animal Welfare Conference*

*Guidelines to promote the wellbeing of animals used for scientific purposes: The assessment and alleviation of pain and distress in research animals*

*2008 ANZCCART Conference: The media gets it wrong*

*New and improved research technologies in animal research*

*In Praise of the ANZCCART Annual Conference*

*ANZCCART NZ Animal Care Technician's Award*

*News from Overseas - Animal Testing: Launch of a new website to inform about the development of alternative methods*

*- UFAW Awards: Research and Project Small Project and Travel*

## Other Publications

Other ANZCCART publications during 2008 were:

*The Australia and New Zealand Council for the Care of Animals in Research and Teaching. Fourteenth Annual Report* (Year ended 31st December 2007). ANZCCART (2008). ISSN 1322-1779

*Proceedings of the 2007 ANZCCART Conference held in Melbourne, Australia, 10<sup>th</sup> – 12<sup>th</sup> July 2007. "Getting it Right" Edited by Dr Geoff Dandie, CEO, ANZCCART. ISBN 978 0 9586821 8 3*

These can be downloaded, free of charge, from the ANZCCART web site.

## Provision of information related to animal welfare and ethics

A significant proportion of ANZCCART's activities involve providing information to scientists, members of Animal Ethics Committees, government officers, animal carers, tertiary and secondary students, and members of the public. Enquiries come to the ANZCCART office in Adelaide by email or telephone, originating mostly in Australia but with a significant proportion from overseas. If a question cannot be answered directly, a colleague – usually from within the ANZCCART network with expertise in the relevant field is consulted.

A sample of some of the topics covered during a three month period of 2008 is given below:

- Could you please tell me if you are aware of any transgenic mouse training courses available in Australia or New Zealand? I would be interested in hands-on training in transgenic and/or knock-in techniques.?
- Do you have any printed copies of the *Aust code of practice for the care and use of animals for scientific purposes 7th edition*?
- Could you please give me an advice on the proper way to anaesthetised mice?
- I'm writing a story on Benefits of Animal Testing for my school newspaper and I found your site. I would like to interview someone about the topic. If you could email me back that would be a great help.
- I'm currently trying to ascertain the level of funding allocated specifically to the development and validation of non-animal alternatives in Australia. Can you help please?
- I am 12 year old, and doing a project on animal testing that is used in scientific research and the related ethics to that testing. I am looking for information on this topic and was wondering whether you could assist me.
- I am researching animal testing on rats could you please send me some information?
- Do you ship any of your publications to the United States?
- Is it legal in Australia for doctors-in-training to be taught using live animals (eg. dogs, pigs, cats, ferrets)?
- I am a veterinary and in this moment I am studying the control of the use of animals in teaching and research. I would like to know if the ANZCCART make some official regulation in this field (if the ANZCCART is part of government)?
- Does Australia collate any data on animal usage in research and teaching, categorising by number, species and type of use? If so do you know how I can get hold of it or is it available on a per state basis?
- We are seeking to develop a re-housing policy for some suitable research animals. Do you know of any examples? or have any advice on how to satisfy insurance and legal issues?
- What is the average oestrous cycle length, and duration, and is it spontaneous or induced in Mice and Rats?
- Can you point me to any evidence that killing amphibians (specifically cane toads) with Dettol or Bleach either is or isn't humane/ painful?
- We are involved in activities collecting fish from the wild and want to know the most recent methods for euthanizing fish onboard small boats. Ice slurry has been the preferred option so far but has been suggested that we should use a more appropriate technique as per ANZCCART. Could you please assist with an appropriate technique to be used in the field for fish up to 3Kg in weight?
- I am in urgent need of some expert advice relating to analgesia, anaesthesia, surgery and surgical procedures (e.g. laparoscopy) on reptiles including turtles and crocodiles.
- We're having some divided opinions regarding the possible press release of an exciting medical result that is based on animal research. The two schools of thought are (1) we should describe to the media how the results were gained, i.e., what experiments were performed on the animals, because we should not give in to potential threats as we have done nothing illegal, and (2) a cautious release without focusing too much on the actual experiments but rather on the results. Would you have some information that could help in clarifying the best way to deal with this problem, e.g., from other institutions that have policies or informal guidelines, or experience where press releases related to research involving animals have gone wrong / attracted the wrong attention?
- I am doing a course in children services. As part of the course, I am doing research on AUSTRALIAN animals. Is it possible to get some pictures of AUSTRALIAN animals? Which department should I contact for this?
- I am trying to find a list of universities (with their stated policies) that have BANNED undergraduate research using animals. Do you have any suitable reference materials, links or lists?
- Could you please provide your current recommendations on how to kill pigs humanely?

## **Publicity cooperation**

During 2008, ANZCCART assisted professional societies and other organisations by circulating information about forthcoming national and international conferences and workshops, publications, situations vacant etc. This was done by both email sent out to our mailing list and via ANZCCART News.

## **Policy on privacy and security**

To support its objective in promoting community discussion and debate on animal ethics and welfare issues, ANZCCART maintains an extensive database of contact information (name, address, affiliation, phone and fax numbers, email address etc.) related to individuals and organisations. This data is used to email or post ANZCCART material such as notices about conferences and workshops and copies of *ANZCCART NEWS*. Occasionally ANZCCART circulates relevant information supplied by other reputable organisations, so long as such information is in keeping with ANZCCART's goals. In addition, when requests are received for information that cannot be answered in-house, such requests are forwarded to selected individuals whose contact details are kept on the ANZCCART database. These individuals are asked to either respond personally to the inquirer or back through the office of ANZCCART if anonymity needs to be maintained. It is ANZCCART's policy to only forward messages if the contributor of the message has supplied full contact information, including name, affiliation, email and phone number.

ANZCCART operates within the Privacy Act (1988) and National Privacy Principles. We are also careful to ensure that we comply with the provisions of the Spam Act 2003 and ensure that people can withdraw from the mailing list at any time. Consent to maintain personal details is implied unless we are notified that consent is withdrawn. Under no circumstances does ANZCCART reveal personal information to external agencies. In sending bulk emails originating from our address lists, we use the list service operated by the University of Adelaide, as this provides greater privacy to recipients. We use the Bcc (blind carbon copy) field so that addresses are hidden.

In a concerted attempt to reduce the number of potentially unwanted emails we circulate, ANZCCART has recently developed a policy of targeting information we circulate as specifically as possible. To this end, we have been developing a number of separate email lists that are based on criteria such as AEC membership category, geographical location, regular attendance at ANZCCART conferences and so forth. While we still maintain our complete email list for distribution of ANZCCART News and more general announcements, we have and will continue to try to target the distribution of information as best we can to ensure that what we send out will be relevant and of interest to you.

## NEW ZEALAND BOARD REPORT 2008

New Zealand Board Chair: Dr Mark Fisher

The ANZCCART New Zealand Board held four Board meetings during the year.

The main activity for 2008 was the ANZCCART Conference entitled "Blue sky to deep water: the reality and the promise" held in Auckland from 28 to 30 June 2008. It was agreed that the conference had been one of the most successful ever in spite of the last minute change of venue. Feedback from delegates cited excellent speakers, subject areas and balance, with some very constructive ideas for future conferences. The "sharing ideas" sessions were particularly popular and ran well. Proceedings were edited in December 2008 and will be published online early in 2009.

ANZCCART organised for Professor Don Stevens, speaker at the ANZCCART Conference, to give seminars on pain and the use of analgesics in fish, in Auckland and Dunedin before the conference.

ANZCCART awarded the 2008 ANZCCART New Zealand Animal Care Technicians Award to recognise the significant contribution made by an individual New Zealand-based technician, particularly in regard to the welfare of the animals, to Susan Keall, Senior Technical Officer—Conservation Ecology at Victoria University of Wellington (VUW). Dr Mark Fisher, ANZCCART New Zealand Chair, presented Susan with her award at the ANZCCART Conference held in Auckland. Susan then gave a very entertaining and passionate talk on her work.

During the year, ANZCCART awarded three regional prizes to school Science Fair participants. ANZCCART Board members acted as judges where possible.

ANZCCART produced a shortened version of the "Ethical guidelines for students in laboratory classes involving the use of animals and animal tissues" for use in secondary schools.

ANZCCART wrote to the New Zealand Vice Chancellors' Committee and AgResearch, drawing their attention to website policies on the use of animals in research and teaching along the lines of the University of Oxford policy statement.

Dr Mark Fisher and Gill Sutherland attended the face-to-face meeting of the Australian Board held in Adelaide in October. It was a very useful opportunity to collaborate in setting future goals for ANZCCART as an organisation.

## CHIEF EXECUTIVE OFFICER'S ACTIVITIES 2008

In addition to those activities outlined in the Board Report, the CEO, Dr Geoff Dandie, undertook the following activities on behalf of ANZCCART during 2008:

- Prepared and delivered a number of Lectures and Invited Speaker presentations on behalf of ANZCCART
- Played an active and on-going role in the implementation of the Australian Animal Welfare Strategy (AAWS) within the research and teaching sector through membership of the sectoral implementation working group.
- Continued work to develop a comprehensive education package aimed at introducing both sides of the ethical debate relating to the use of animals for scientific purposes.
- Assist with the training of new investigators at various institutions as requested.
- Worked with DEH South Aust to initiate a programme for training Members of Animal Ethics Committees.
- Secured tenancy for ANZCCART within the University of Adelaide's Thebarton Campus for the next five years.
- Attended the AAWS International Welfare Conference on the Gold Coast.
- Facilitated a change in the Auditors of ANZCCART's finances
- Maintained regular contact with members of the ANZCCART Board and Council through meetings, teleconferences and written reports.
- Coordinated a major strategic review of ANZCCART, its operations and interactions with member organizations.
- Assisted the NHMRC with the process of running Grant Review Panel process by serving as an independent observer to ensure fair and consistent processes were followed by all panels.
- Organization of the 2009 annual ANZCCART conference to be held in Far North Queensland.
- Invited speaker at a symposium organized by the Australian Research Management Society of South Aust.
- Composed/revised/edited the following:
  - i. *ANZCCART NEWS* (two editions)
  - ii. ANZCCART: Fifteenth Annual Report (for year ending 31 December 2007)
  - iii. "Getting it Right" Proceedings of the 2007 ANZCCART Conference, Melbourne, Australia.
- Continued the process of updating the content of the ANZCCART web site (on – going activity)
- Overseen a major review of all ANZCCART publications, including Fact Sheets, to ensure that the information we are publishing is up to date and relevant.
- Commenced planning processes for the 2010 ANZCCART conference.

### Future priorities

Revision and republishing of all ANZCCART Fact Sheets every five years, to ensure current best practice information is being disseminated by ANZCCART

Revision of the ANZCCART publication "Euthanasia of Animals Used for Scientific Purposes" 2001 (Edited by J.S. Reilly) which has been in high demand since publication.

Reviewing and where appropriate overseeing the updating of all ANZCCART publications.

Instigating a process of forward planning for ANZCCART conferences and related activities.

Continuing to strengthen links between ANZCCART and its present sponsors, and seek additional sponsors, particularly amongst the professional societies, with the aim of improving our revenue base. The key to achieving this initiative lies in improved communication about ANZCCART's role and activities.

## **Acknowledgements**

On behalf of ANZCCART, the CEO would like to extend a special thanks to the following:

- Members of the ANZCCART Board and Council
- Colleagues on the Board of ANZCCART (New Zealand)
- Our major sponsors – Australian Research Council (ARC), Universities Australia (formerly the Australian Vice-Chancellors Committee (AVCC)), Commonwealth Scientific and Industrial Research Organisation (CSIRO) and the Royal Society of New Zealand (RSNZ)
- Donor members for their continuing support
- Ms Chris Wadey for her excellent administrative assistance and support
- University of Adelaide – for the provision of services and facilities
- The following individual members of the University of Adelaide for generous assistance and advice: Professor Richard Russell AM, Pro Vice-Chancellor (Research Operations), Ms Kerry Jaeger, Senior Executive Officer, Office of the DVC (Research); Dr Denise Noonan (Animal Welfare Officer), the staff of the Research Compliance Unit and Mr Eric Cossich, Manager of the University of Adelaide's, Thebarton Campus.

**FINANCIAL STATEMENT AND AUDITOR'S  
REPORT 2008**

**AUSTRALIAN AND NEW ZEALAND COUNCIL  
FOR THE CARE OF ANIMALS IN RESEARCH AND TEACHING LTD**

**ACN: 063 383 522**

**Financial and Statutory Information  
For the Year Ended 31 December 2008**

**AUSTRALIA NEW ZEALAND COUNCIL  
FOR THE CARE OF ANIMALS IN RESEARCH AND TEACHING LTD**

<b>Contents</b>	<b>Page</b>
Council particulars	22
Directors' report	23
Lead Auditors Independence Declaration	25
Income statement	26
Balance sheet	27
Statement of cash flows	28
Significant accounting policies and notes to the financial statements	29
Directors' declaration	37
Independent audit report to the members	38

**AUSTRALIA NEW ZEALAND COUNCIL  
FOR THE CARE OF ANIMALS IN RESEARCH AND TEACHING LTD**

**DIRECTORS IN OFFICE AT 31 DECEMBER 2008**

- Christopher Prideaux, Chairperson
- Lee Astheimer (Deputy Chair)
- Elizabeth Grant
- Jeffrey Schwartz
- Gill Sutherland

**CHIEF EXECUTIVE**

- Geoffrey Dandie

**REGISTERED OFFICE IN AUSTRALIA**

Suite 19, Level 1  
30 – 32 Stirling St  
Thebarton  
SA 5031

Ph: (08) 8303 7585

**AUDITORS**

Sothertons Chartered Accountants  
42 Hurtle Square  
Adelaide SA 5000

**AUSTRALIA NEW ZEALAND COUNCIL  
FOR THE CARE OF ANIMALS IN RESEARCH AND TEACHING LTD**

**DIRECTORS' REPORT**

The Directors present their report together with the financial report of the ANZCCART ("the Council") for the year ended 31st December 2008 and the auditor's report thereon.

**Directors**

The directors of the Council at any time during or since the end of the financial year are:

Christopher Prideaux, BSc (Hons) PhD Director since May 2005 Other directorships	Nil
Lee Astheimer, BSc (Hons) PhD Director since January 2007 Other directorships	Two
Elizabeth Grant, AM PhC MPS Director since 2000 Other directorships	Nil
Pat Cragg, BSc PhD Director since 2001 Other directorships	Nil
Gill Sutherland Director since June 2007 Other Directorships	Nil
Jeffrey Schwartz Director since January 2007 Other directorships	Nil

**Principal Activities**

The principal activities of the Council during the course of the financial year was to provide leadership in developing community consensus on ethical, social and scientific issues relating to the use of animals in research and teaching.

**Result and Review of Operations**

The operating surplus for the year ended 31 December 2008 was \$2,501 (2007: \$29,923).

**State of Affairs**

No significant change in the state of affairs of the Council occurred during the financial year under review that is not otherwise disclosed in this Report or accounts.

**Likely Developments**

The Council will continue its normal activities and the Directors are not aware of any likely developments which would significantly affect the results of the Council in subsequent financial years.

**Significant Changes in the State of Affairs**

In the opinion of the Directors, there were no significant changes in the state of affairs that occurred during 2008.

**AUSTRALIA NEW ZEALAND COUNCIL  
FOR THE CARE OF ANIMALS IN RESEARCH AND TEACHING LTD**

**DIRECTORS' REPORT (Continued)**

**Meetings of Directors**

The number of directors' meetings and the number attended by each of the directors of the Council during the financial year are:

	<b>No of Meetings Attended</b>	<b>No of Meetings Held</b>
Christopher Prideaux	5	5
Lee Astheimer	5	5
Elizabeth Grant	4	5
Pat Cragg (Alternate for G.S.)	0	5
Gill Sutherland	3	5
Jeffrey Schwartz	3	5

**Insurance of Officers**

The Council has a policy in relation to Directors and Officers' Liability Legal Expenses Insurance. The Directors have not included details of the nature of the liabilities covered or the amount of the premium paid in respect of the directors' and officers' liability, as such disclosure is not permissible under the terms of the contract.

**Events Subsequent to the End of Balance Date**

There has not arisen in the interval between the end of the financial year and the date of this report any item, transaction or event of a material and unusual nature likely, in the opinion of the directors, to affect significantly the operations of the Council, the results of those operations, or the state of affairs of the Council, in future financial years.

**Auditor's Independence Declaration**

The auditor's independence declaration is set out on page 26 and forms part of the directors' report for the financial year ended 31 December 2008.

This report is made in accordance with a resolution of the Board of Directors and is signed for on behalf of the Directors.

Signed at Adelaide this 30<sup>th</sup> day of March 2009.



.....  
Director

***Auditors Independence Declaration Under Section 307C of the Corporations Act 2001***

To the Directors of the Australia New Zealand Council for the Care of Animals in Research and Teaching Ltd:

I declare that, to the best of my knowledge and belief, in relation to the audit for the financial year ended 31 December 2008 there has been:

- no contravention of the auditor independence requirements as set out in the Corporations Act 2001 in relation to the audit; and,
- no contravention of any applicable code of professional conduct in relation to the audit.



Sothertons  
Adelaide Partnership



Alex Reade  
Partner

26 March 2009

**AUSTRALIA NEW ZEALAND COUNCIL  
FOR THE CARE OF ANIMALS IN RESEARCH AND TEACHING LTD**

**INCOME STATEMENT  
FOR THE YEAR ENDED 31 DECEMBER 2008**

	Note	2008 \$	2007 \$
<b>Income</b>			
Revenue	2	231,868	306,945
Other Income		-	2,888
<b>Less: Expenses</b>			
Salaries, wages and payroll expenses	3	170,544	164,270
Other expenses		55,474	53,444
Conferences expenses		-	62,196
Total Expenses		226,018	279,910
Surplus/(Deficit) before income tax		5,850	29,923
Income tax expense	1(c)	-	-
<b>Surplus/(Deficit) for the year</b>	11	5,850	29,923

The above income statement should be read in conjunction with the accompanying notes.

**AUSTRALIA NEW ZEALAND COUNCIL  
FOR THE CARE OF ANIMALS IN RESEARCH AND TEACHING LTD**

**BALANCE SHEET  
AS AT 31 DECEMBER 2008**

	Note	2008 \$	2007 \$
<b>Current Assets</b>			
Cash and cash equivalents	6	247,962	240,100
Receivables and prepayments	5	17,079	-
<b>Total current assets</b>		265,041	240,100
<b>Non Current Assets</b>			
Property, plant and equipment		5,887	5,887
Accumulated Depreciation		(3,276)	(2,184)
<b>Total non-current assets</b>		2,611	3,703
<b>Total assets</b>		267,652	243,803
<b>Current Liabilities</b>			
Trade and other payables	8	13,265	3,624
Employee benefits	9	27,463	19,105
<b>Total current liabilities</b>		40,728	22,729
<b>Total liabilities</b>		40,728	22,729
<b>Net assets</b>		226,924	221,074
<b>Equity</b>			
Retained earnings	11	226,924	221,074
<b>Total equity</b>		226,924	221,074

The above balance sheet should be read in conjunction with the accompanying notes.

**AUSTRALIA NEW ZEALAND COUNCIL  
FOR THE CARE OF ANIMALS IN RESEARCH AND TEACHING LTD**

**STATEMENT OF CASH FLOWS  
FOR THE YEAR ENDED 31 DECEMBER 2008**

	Note	2008 \$	2007 \$
<b>Cash flows from operating activities</b>			
Cash receipts in the course of operations		224,689	312,528
Cash paid to suppliers and employees		(216,827)	(248,469)
<b>Net cash provided by (used in) operating activities</b>	10	<u>7,862</u>	<u>64,059</u>
<b>Cash flows used in investing activities</b>			
Acquisition of property, plant and equipment		<u>-</u>	
<b>Net cash used in investing activities</b>			
Net increase / (decrease) in cash and cash equivalents		7,862	64,909
Cash and cash equivalents at 1 January		<u>240,100</u>	<u>175,191</u>
<b>Cash and cash equivalents at 31 December</b>	6	<u>247,962</u>	<u>240,100</u>

The above statement of cash flows should be read in conjunction with the accompanying notes.

**AUSTRALIA NEW ZEALAND COUNCIL  
FOR THE CARE OF ANIMALS IN RESEARCH AND TEACHING LTD**

**NOTES TO THE FINANCIAL STATEMENTS  
FOR THE YEAR ENDED 31 DECEMBER 2008**

**1 Significant accounting policies**

The Council is domiciled in Australia.

This financial report was authorised for issue by the directors on the 30<sup>th</sup> March, 2009.

The significant policies which have been adopted in the preparation of these financial statements are:

**(a) Statement of compliance**

The financial report is a general purpose financial report which has been prepared in accordance with Australian Accounting Standards, (“AASBs”) adopted by the Australian Accounting Standards Board (“AASB”) and the Corporations Act 2001.

**(b) Basis of preparation**

The financial report is presented in Australian dollars.

The financial report is prepared on the historical cost basis.

The preparation of financial statements requires management to make judgements, estimates and assumptions that affect the application of accounting policies and the reported amounts of assets, liabilities, income and expenses. Actual results may differ from these estimates.

The estimates and underlying assumptions are reviewed on an ongoing basis. Revisions to accounting estimates are recognised in the period in which the estimate is revised and in any future periods affected.

**(c) Taxation**

ANZCCART is exempt from the payment of income tax under the provisions of sub-section 50-5 of the Income Tax Assessment Act 1997 as it qualifies as a public benevolent institution. The effect of income tax is therefore not included in the accounts.

**(d) Property, plant and equipment**

**(i) Owned assets**

Items of property, plant and equipment are stated at cost less accumulated depreciation (see below) and impairment losses (see accounting policy (h)).

Where parts of an item of property, plant and equipment have different useful lives, they are accounted for as separate items of property, plant and equipment.

**(ii) Subsequent costs**

The Council recognises in the carrying amount of an item of property, plant and equipment the cost of replacing part of such an item when that cost is incurred if it is probable that the future economic benefits embodied with the item will flow to the Council and the cost of the item can be measured reliably. All other costs are recognised in the income statement as an expense as incurred.

**AUSTRALIA NEW ZEALAND COUNCIL  
FOR THE CARE OF ANIMALS IN RESEARCH AND TEACHING LTD**

**NOTES TO THE FINANCIAL STATEMENTS  
FOR THE YEAR ENDED 31 DECEMBER 2008**

**(iii) Depreciation**

Depreciation is charged to the income statement on a straight-line basis over the estimated useful lives of each part of an item of property, plant and equipment. The estimated useful lives in the current and comparative periods are as follows:

- Computer Equipment 5 years

**(e) Trade and other receivables**

Trade and other receivables are stated at their cost less impairment losses (see accounting policy (g)).

**(f) Cash and cash equivalents**

Cash and cash equivalents comprise cash balances and call deposits.

**(g) Impairment**

The carrying amounts of the Council's assets are reviewed at each balance sheet date to determine whether there is any indication of impairment. If any such indication exists, the asset's recoverable amount is estimated.

An impairment loss is recognised whenever the carrying amount of an asset or its cash-generating unit exceeds its recoverable amount. Impairment losses are recognised in the income statement, unless an asset has previously been revalued, in which case the impairment loss is recognised as a reversal to the extent of that previous revaluation with any excess recognised through profit or loss.

**(h) Calculation of recoverable amount**

- (i)** The recoverable amount of the Council's receivables carried at amortised cost is calculated as the present value of estimated future cash flows, discounted at the original effective interest rate (i.e. the effective interest rate computed at initial recognition of these financial assets). Receivables with a short duration are not discounted.

The recoverable amount of other assets is the greater of their net selling price and value in use. In assessing value in use, the estimated future cash flows are discounted to their present value using a pre-tax discount rate that reflects current market assessments of the time value of money and the risks specific to the asset. For an asset that does not generate largely independent cash inflows, the recoverable amount is determined for the cash-generating unit to which the asset belongs.

**(ii) Reversals of impairment**

An impairment loss in respect of receivables carried at amortised cost is reversed if the subsequent increase in recoverable amount can be related objectively to an event occurring after the impairment loss was recognised.

In respect of other assets, an impairment loss is reversed if there has been a change in estimates used to determine the recoverable amount.

An impairment loss is reversed only to the extent that the asset's carrying amount does not exceed the carrying amount that would have been determined, net of depreciation or amortisation, if no impairment loss had been recognised.

**AUSTRALIA NEW ZEALAND COUNCIL  
FOR THE CARE OF ANIMALS IN RESEARCH AND TEACHING LTD**

**NOTES TO THE FINANCIAL STATEMENTS  
FOR THE YEAR ENDED 31 DECEMBER 2008**

**(i) Employee benefits**

**(i) Long-term service benefits**

The Council's net obligation in respect of long-term service benefits, other than pension plans, is the amount of future benefit that employees have earned in return for their service in the current and prior periods. The obligation is calculated using the projected unit credit method and is discounted to its present value and the fair value of any related assets is deducted. The discount rate is the yield at the balance sheet date on government bonds that have maturity dates approximating to the terms of the Council's obligations.

**(ii) Wages, salaries and annual leave**

Liabilities for wages, salaries and annual leave that are expected to be settled within 12 months of reporting date, represent present obligations resulting from employee's services provided to reporting date, are measured as the undiscounted amounts based on remuneration wage and salary rates that the Council expects to pay as at reporting date including related on-costs.

**(j) Provisions**

A provision is recognised in the balance sheet when the Council has a present legal or constructive obligation as a result of a past event, and it is probable that an outflow of economic benefits will be required to settle the obligation. If the effect is material, provisions are determined by discounting the expected future cash flows at a pre-tax rate that reflects current market assessments of the time value of money and, where appropriate, the risks specific to the liability.

**(k) Trade and other payables**

Trade and other payables are stated at cost.

**(l) Revenue**

**(i) Sales revenue**

Sales revenue comprises revenue earned from the sale of publications and the provision of membership entitlements. Revenue is recognised when the member joins the Council.

**(ii) Funding**

Funding monies are received from supporters and are brought to account on a cash received basis.

**(m) Goods and services tax**

Revenues, expenses and assets are recognised net of the amount of goods and services tax (GST), except where the amount of GST incurred is not recoverable from the Australian Taxation Office (ATO). In these circumstances, the GST is recognised as part of the cost of acquisition of the asset or as part of an item of the expense.

Receivables and payables are stated with the amount of GST included. The net amount of GST recoverable from, or payable to, the ATO is included as a current asset or liability in the statement of financial position.

Cash flows are included in the statement of cash flows on a gross basis. The GST component of cash flows arising from investing and financing activities which are recoverable from, or payable to, the ATO are classified as operating cash flow.

**AUSTRALIA NEW ZEALAND COUNCIL  
FOR THE CARE OF ANIMALS IN RESEARCH AND TEACHING LTD**

**NOTES TO THE FINANCIAL STATEMENTS  
FOR THE YEAR ENDED 31 DECEMBER 2008**

	Note	2008 \$	2007 \$
<b>2 Revenue</b>			
Funding		201,798	198,603
In kind contribution		30,000	30,850
Sales of Publications		70	195
Conference revenue		-	77,169
Royalties		-	128
<b>Total revenue</b>		231,868	306,945
<b>3 Salaries, wages and related on costs paid</b>			
CEO		122,059	118,881
Administrative Assistant		48,485	45,389
		170,544	164,270
<b>4 Auditors' remuneration</b>			
<u>Audit services</u>			
Auditing the financial report		3,000	3,000
Additional fees for accounting work performed		-	-
		3,000	3,000
<b>5 Receivables and prepayments</b>			
Outstanding sponsorship		-	-
Conference prepayments		17,079	-
		17,079	-
<b>6 Cash and cash equivalents</b>			
Cash at Bank		247,962	240,100
Balance as per statement of cash flows		247,962	240,100

**AUSTRALIA NEW ZEALAND COUNCIL  
FOR THE CARE OF ANIMALS IN RESEARCH AND TEACHING LTD**

**NOTES TO THE FINANCIAL STATEMENTS  
FOR THE YEAR ENDED 31 DECEMBER 2008**

<b>7</b>	<b>Property, plant and equipment</b>	<b>2008</b>	<b>2007</b>
		<b>\$</b>	<b>\$</b>
	<b>Cost</b>		
	Balance at beginning of year	5,887	5,037
	Acquisitions	-	850
	Disposals		
	Balance at end of year	5,887	5,887
	<b>Depreciation and impairment losses</b>		
	Balance at beginning of year	2,184	1,092
	Depreciation for the year	1,092	1,092
	Balance at end of year	3,276	2,184
	<b>Carrying amounts</b>		
	At end of year	2611	3,703
		<b>Note</b>	
		<b>2008</b>	<b>2007</b>
		<b>\$</b>	<b>\$</b>
<b>8</b>	<b>Trade and other payables</b>		
	Trade creditors & accruals	1,904	-
	GST Payable	5,061	324
	Conference deposits	3,000	-
	Audit Fee Accrual	3,300	3,300
		13,265	3,624
<b>9</b>	<b>Employee benefits</b>		
	<b>Current</b>		
	Liability for annual leave	16,766	12,423
	Liability for long service leave	10,697	6,682
		27,463	19,105

**AUSTRALIA NEW ZEALAND COUNCIL  
FOR THE CARE OF ANIMALS IN RESEARCH AND TEACHING LTD**

**NOTES TO THE FINANCIAL STATEMENTS  
FOR THE YEAR ENDED 31 DECEMBER 2008**

	Note	2008 \$	2007 \$
<b>10 Reconciliation of cash flows from operating activities</b>			
<b>Cash flows from operating activities</b>			
Surplus/(Deficit) for the year		5,850	29,923
<i>Adjustments for</i>			
Depreciation		1,092	1,092
<b>Adjusted Surplus/(Deficit) before changes in working capital and provisions</b>		6,942	31,015
(Increase)/decrease in trade and other receivables		(17,079)	33,545
(Decrease)/increase in trade and payables		9,641	(9,231)
Increase/(Decrease) in employee benefits		8,358	10,430
<b>Net cash provided by/(used in) operating activities</b>		7,862	63,575
 <b>11 Retained Earnings</b>			
Balance at beginning of year		221,074	191,151
Net Surplus/(Deficit) for the year		5,850	29,923
Balance at end of year		226,924	221,074

**12 Key management personnel disclosures**

The following were key management of the Council at any time during the reporting period, unless otherwise indicated were directors for the entire period:

*Non-executive directors*  
 Christopher Prideaux  
 Lee Astheimer  
 Elizabeth Grant  
 Gill Sutherland / Pat Cragg  
 Jeffrey Schwartz

*Company Secretary*  
 Geoff Dandie

**AUSTRALIA NEW ZEALAND COUNCIL  
FOR THE CARE OF ANIMALS IN RESEARCH AND TEACHING LTD**

**NOTES TO THE FINANCIAL STATEMENTS  
FOR THE YEAR ENDED 31 DECEMBER 2008**

**Transactions with key management personnel**

The key management personnel compensation included in “salary, wages and on-costs” (see note 3) is as follows:

	<b>2008</b>	<b>2007</b>
	<b>\$</b>	<b>\$</b>
Short-term employment benefits	122,059	118,881
Post employment benefits	-	-
	<hr/> 122,059	<hr/> 118,881
Comprising:		
Chief Executive Officer	<hr/> 1	<hr/> 1
	<hr/> 1	<hr/> 1

The non-executive Directors have not received any remuneration during the year.

**13 Non key management personnel disclosures**

***Identity of related parties***

The Council has a related party relationship with its Directors. The Directors are employees of the organisations which are members of the Council and contribute funding. All transactions between those organisations and the Council are conducted on ordinary commercial terms.

**14 Subsequent events**

There have been no events subsequent to balance date.

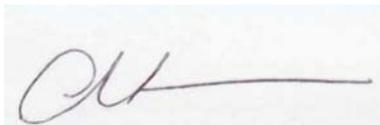
**AUSTRALIA NEW ZEALAND COUNCIL  
FOR THE CARE OF ANIMALS IN RESEARCH AND TEACHING LTD**

**DIRECTORS' DECLARATION  
FOR THE YEAR ENDED 31 DECEMBER 2008**

In the opinion of the directors of the Australia New Zealand Council for the Care of Animals in Research and Training Limited ("the Council"):

- (a) The financial statements and notes, as set out on pages 23 to 36, are in accordance with the Corporations Act 2001, including:
  - (i) giving a true and fair view of the financial position of the Council as at 31 December 2008 and of its performance, as represented by the results of its operations and its cash flows, for the year ended on that date; and
  - (ii) complying with Australian Accounting Standards and the Corporations Regulations 2001; and
- (b) there are reasonable grounds to believe that the Council will be able to pay its debts as and when they become due and payable.

This declaration is made in accordance with a resolution of the Directors.



.....  
Director

Dated at Adelaide this 30<sup>th</sup> day of March 2009.



Incorporating **PENN & ASSOCIATES**

PARTNERS  
David Ellis  
James McKenzie  
Ross Musolino  
Alexander Reade

## **Independent Auditor's Report**

### **To the Members of Australian And New Zealand Council For The Care Of Animals In Research And Teaching Limited**

#### **The financial report and directors' responsibility**

We have audited the accompanying financial report of Australian And New Zealand Council For The Care Of Animals In Research And Teaching Limited for the year ended 31 December 2008 which comprises the income statement, balance sheet, statement of cash flows, accompanying notes to the financial statements, and the directors' declaration.

The directors of the company are responsible for the preparation and fair presentation of the financial report in accordance with the Australian Accounting Standards and the *Corporations Act 2001*. This responsibility includes establishing and maintaining internal control relevant to the preparation and fair presentation of the financial report that is free from material misstatement, whether due to fraud or error; selecting and applying appropriate accounting policies; and making accounting estimates that are reasonable in the circumstances.

#### **Auditor's responsibility**

Our responsibility is to express an opinion on the financial report based on our audit. We conducted our audit in accordance with Australian Auditing Standards. These Auditing Standards require that we comply with relevant ethical requirements relating to audit engagements and plan and perform the audit to obtain reasonable assurance whether the financial report is free of material misstatement.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the financial report. The procedures selected depend on the auditor's judgement, including the assessment of the risks of material misstatement of the financial report, whether due to fraud or error. In making those risk assessments, the auditor considers internal control relevant to the entity's preparation and fair presentation of the financial report in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the entity's internal control. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of accounting estimates made by the directors, as well as evaluating the overall presentation of the financial report.

We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinion.



Liability limited by a scheme  
approved under Professional  
Standards Legislation

**SOTHERTONS ADELAIDE PARTNERSHIP**  
ABN 88 727 214 354  
42 Hurtle Square, Adelaide SA 5000  
GPO Box 2193, Adelaide SA 5001

Phone (08) 8223 7311 Fax (08) 8223 7488  
Email [sothertons@sothertonsadelaide.com.au](mailto:sothertons@sothertonsadelaide.com.au)  
Website [www.sothertons.com.au](http://www.sothertons.com.au)  
Sothertons - An association of independent  
accounting firms throughout Australasia

## APPENDIX 1

### ANZCCART Publications (including Workshop Reports)

The following ANZCCART publications are available from its offices in Adelaide and Wellington or via the ANZCCART web site at: [www.adelaide.edu.au/ANZCCART/](http://www.adelaide.edu.au/ANZCCART/).

Animal Pain: Ethical and Scientific Perspectives (eds T. Kuchel, M. A. Rose and J. Burrell), 1992.

Survey of Laboratory Animals and Tumour Cell Lines Maintained in Australia (ed R. M. Baker), 8th Edition, 1997.

Effective Animal Experimentation Ethics Committees (eds R. M. Baker, J. H. Burrell and M. A. Rose, 1994). Proceedings of the conference held at the University of Adelaide, Australia, October, 1992.

Annual Reports (since 1993).

Animal Welfare in the Twenty-First Century: Ethical, Educational and Scientific Challenges (eds R. M. Baker, D. J. Mellor and A. M. Nicol 1994). Proceedings of the conference held in Christchurch, New Zealand, April, 1994.

Banting's Dog and Schrödinger's Cat: Animals and Experiments (C. Puplick) ANZCCART Public Lecture, 1994.

Animals and Science in the Twenty-First Century: New Technologies and Challenges (eds R. M. Baker, R. Einstein, D. J. Mellor and M. A. Rose 1994). Proceedings of the conference held in Melbourne, Australia, October, 1994.

Farm Animals in Biomedical and Agricultural Research (eds R.M. Baker, R. Einstein and D. J. Mellor). Proceedings of the conference held in Wellington, New Zealand, August, 1995.

Animals in Education: Value, Responsibilities and Questions (eds A. Brennan and R. Einstein). Proceedings of the conference held in Canberra, September, 1996.

Animal Experimentation: A Student Guide to Balancing the Issues. (V. Monamy), 1996.

Ethical Approaches to Animal-based Science (eds D. Mellor, M. Fisher and G. Sutherland). Proceedings of the conference held in Auckland, New Zealand, September, 1997.

The Use of Immunoadjuvants in Animals in Australia and New Zealand. 1998.

The Use of Wildlife for Research (eds. D. Mellor and V. Monamy). Proceedings of the conference, held in Dubbo, NSW, May 1999.

Innovation, Ethics and Animal Welfare: public confidence in science and agriculture (eds D. Mellor, M. Fisher and G. Sutherland). Proceedings of the AWAC/ANZCCART conference held in Wellington, New Zealand, November 1999.

Housing for laboratory rats, mice, guinea pigs and rabbits. (A. Hargreaves), 2000.

Farm Animals in Research - can we meet the demands of ethics, welfare, science and industry? Proceedings of the conference held in Adelaide, November 2000 (eds. R. Baker, M. Fisher and P. Hemsworth).

Learning, animals and the environment: changing the face of the future. Proceedings of the ANZCCART/NAEAC conference held in Hamilton, New Zealand, June 2001.

Euthanasia of Animals Used for Scientific Purposes (ed. J. Reilly), 2nd edition, 2001.

Animal welfare and animal ethics committees: where are the goalposts now? Proceedings of the ANZCCART Conference held at the Gold Coast International Hotel, Queensland, October 17-19 2002.

Lifting the veil: finding common ground. Proceedings of the ANZCCART Conference held in Christchurch, New Zealand, 18-19 August 2003.

Animal Ethics Committees and animal use in a monitored environment: Is the ethics real, imagined or necessary? Proceedings of the ANZCCART Conference held in Wellington, New Zealand, 26 – 28 June 2005

Responsibilities – The 4<sup>th</sup> R. Proceedings of the ANZCCART Conference held in Canberra, Australia, 3<sup>rd</sup> – 5<sup>th</sup> September, 2006.

Getting It Right. Proceedings of the ANZCCART Conference held in Melbourne, Australia, 10<sup>th</sup> – 12<sup>th</sup> July, 2007.

### **Workshop Reports**

Monitoring animal welfare and promoting refinement. Report on the ANZCCART Workshop held at Monash University, Melbourne, Australia on 17 October 2003.

The Australian Code of Practice, proposed revisions and their implications. Report on the ANZCCART Workshop held at the University of Melbourne on 23<sup>rd</sup> May 2003.

The welfare of transgenic animals. Report on the ANZCCART Workshops held at Sydney (28 November 2001) and Melbourne (30 November 2001).

Animal Welfare Officers' Workshop. Report on the ANZCCART Workshop held at the University of Adelaide on 29 November 2000.

Analgesia of Laboratory Animals. Report on the ANZCCART Workshop held at the University of Adelaide on 21 July 1999.

Category C Members of Animal Ethics Committees. Report on the ANZCCART Workshop held at the University of Melbourne on 23 April 1999.

Animal health monitoring in the research environment. Report on the ANZCCART Workshop held in Melbourne, 1998.

## APPENDIX 2

### ANZCCART Fact Sheets

The following ANZCCART Fact Sheets are available on the ANZCCART Website and from our Adelaide office.

- The Mouse. Part 1, 1993. Catheryn O'Brien, Margaret Holmes. (Withdrawn, pending revision)
- The Mouse. Part 2, 1993. Catheryn O'Brien, Margaret Holmes. (Withdrawn, pending revision)
- The Rat, 1993. David Pass, Graham Freeth. (Withdrawn, pending revision)
- Experimental Techniques and Anaesthesia in the Rat and Mouse, 1994. Steven Marshall, Angela Milligan, Ray Yates. (Withdrawn, pending revision)
- The Laboratory Rabbit, 1994. Ivor Harris. (Withdrawn, pending revision)
- The Guinea Pig (*Cavia porcellus*), 1994. Denise Noonan. (Withdrawn, pending revision)
- The Common Marmoset, 1994. Julie M. Clarke. (Withdrawn, pending revision)
- The Sheep, 1995. David Adams, Michael McKinley. (Withdrawn, under revision)
- The Laboratory Cat, 1995. A.E. James. (Withdrawn, under revision)
- Australian Marsupials, 1995. Louise McKenzie, Clive Cheeson, Rory Hope, Janine A. Duckworth, Lynne M. Meikle. (Withdrawn, pending revision)
- Restraint and Handling of Captive Wildlife, 1996. Andrew Tribe, Derek Spielman. (Withdrawn, pending revision)
- In vitro and other non-animal experiments in the biomedical sciences, 1996. Bas J. Blaauboer. (Withdrawn, pending revision)
- The Domestic Chicken, 1996. Philip Glatz, Kim Critchley, Christine Lunam. (Withdrawn, under revision)
- The Dog as an Experimental Animal, 1997. Mary Bate. (Withdrawn, pending revision)
- Variables in Animal Based Research: Part 1 Phenotypic Variability in Experimental Animals, 1997. Ivor Harris. (Withdrawn, pending revision)
- Occupational Health and Safety in the Animal House and Associated Laboratories, 1998. Tony James. (Withdrawn, under revision)
- The Importance of Non-Statistical design in Refining Animal Experiments, 1998. David B. Morton. (Withdrawn, pending revision)
- Variables in Animal Based Research: Part 2 Variability Associated with Experimental Conditions and Techniques, 1998. Julie Reilly. (Withdrawn, pending revision)
- Pain - Assessment, Alleviation and Avoidance in Laboratory Animals, 1999. Paul Flecknell.
- Frogs and Toads as Experimental Animals, 1999. Michael J. Tyler. (Revised, to be republished 2009)
- Importation, Quarantine and Monitoring of Laboratory Animals, Particularly Rodents, for issue in Australia., 1999. Kevin Doyle. (Withdrawn, pending revision)
- Development and use of Trans-genic Rodents in Preclinical Research - Practical Issues, 2000. Patrick Hardy. (Withdrawn, pending revision)
- Doing Better Animal Experiments; Together with Notes on Genetic Nomenclature of Laboratory Animals, 2000. Michael Festing. (Withdrawn, pending revision)
- Managing Fallow Deer (*Dama dama*) and Red Deer (*Cervus elaphus*) for Animal house Research, 2001. Z.H. Miao, P.C. Glatz, A. English, Y.J. Ru. (Withdrawn, pending revision)
- The Role of Veterinarians in the Care and Use of Animals in Research and Teaching. Simon Bain, Susan Maastricht, Mary Bate, & Denise Noonan, 2004.
- Practical guidelines for aseptic surgery in rodents and the management of surgical facilities in a laboratory. 2004. Gary Martinic.

## APPENDIX 3

### Ethical guidelines for students using animals or animal tissues for educational purposes

#### Introduction

The use of animals or animal tissues for educational purposes is a privilege that brings with it responsibilities. These responsibilities go well beyond the need to avoid cruelty to animals and involve a genuine commitment to their welfare and a respect for the contribution they make to your learning. Outlined below are principles to consider in helping you to meet these responsibilities and to derive maximum benefit from the use of animals in laboratory classes.

#### Principles to consider

##### 1. Consider why animals or animal tissues are being used

The justification for using animals should be that their use is essential for achieving educational outcomes, while recognising the potential for harm to animals to achieve these outcomes. Consideration must be given to whether the educational outcomes could be achieved without the use of animals or animal tissues. Every student and staff member should be mindful of the 3Rs (Replacement, Reduction, and Refinement) when working with animals.

##### 2. Consider the requirements for animal welfare and animal handling

At all times the welfare of the animal you use is your responsibility not just your teacher's responsibility. This can be considered as a "duty of care". If you are required to handle animals during a class, it is important to follow the instructions of staff in the correct handling and restraint techniques for the species with which you are working.

##### 3. Consider the regulatory environment

The use of animals in research and teaching in Australia is regulated by State and Territory government legislation incorporating the *Australian code of practice for the care and use of animals for scientific purposes*<sup>1</sup>. Any use of animals for research and teaching must first be approved by an Animal Ethics Committee (AEC). Gaining this approval involves justification for using animals (species and number), the means by which animals will be handled and, if required, humanely killed, and the potential research and educational outcomes of the work balanced against any potential harm to the animals used. The skills of the staff involved and the supervision of the students are also evaluated. In fact, the questions raised by AECs should be those asked by each student regarding the use of animals for their education.

##### 4. Consider your own views in using animals or animal tissues in the laboratory

You should discuss the use of animals and animal tissues with other students and staff. Opinions should be formed and aired, with appropriate justification, in an open and accepting environment. You should feel free to make suggestions that might improve future laboratory classes, and to this end, student opinion regarding the use of animals in teaching should be encouraged.

##### 5. Consider your responsibility to make sure that good use is made of the learning opportunity

You should know what underlying principles are being taught in the class and understand the details that illustrate those principles. This involves reading background material from lecture notes, references and laboratory manuals before coming to class and being generally prepared to maximise the learning experience. Use every opportunity, within the approved scope of the class, to develop manual, observational, and recording skills.

<sup>1</sup> "Australian code of practice for the care and use of animals for scientific purposes" (Seventh edition, 2004): [www.health.gov.au/nhmrc/research/awc/code.htm](http://www.health.gov.au/nhmrc/research/awc/code.htm)

## APPENDIX 4

### What is ANZCCART and what does it do?

#### Background

The Australian and New Zealand Council for the Care of Animals in Research and Teaching Ltd (ANZCCART) was established in 1987 in response to particular concerns in both the wider and scientific communities about the use of animals in research and teaching. It also recognised the need to address, in a balanced and considered way, the distinctive scientific, ethical, and social issues associated with the use of animals for scientific purposes.

ANZCCART's principle sponsors in Australia are Universities Australia (UA), Australian Research Council (ARC), Commonwealth Scientific and Industrial Research Organisation (CSIRO) and the Royal Society of New Zealand (RSNZ). State and Territory Government Departments responsible for the management of animal welfare legislation are also members. ANZCCART receives annual contributions from a number of professional biomedical societies.

#### Role

ANZCCART's main role is to provide leadership in developing community consensus on ethical, social and scientific issues relating to the use of animals in research and teaching.

#### Objectives

ANZCCART's objectives are to promote:

- excellence in the care of animals supplied for or used in research and teaching;
- responsible scientific use of animals,
- the 3Rs policy of Replacement, Reduction and Refinement as they apply for the use of animals for scientific purposes,
- informed discussion and debate within the community regarding these matters; and
- strategic partnerships to contribute to the education and training of scientists, students and the broader community.

As an independent body that consults widely, ANZCCART provides well-researched and objective information that helps to ensure that research and teaching using animals is conducted in a careful, considered and humane way.

#### Publications and conferences

ANZCCART's newsletter, *ANZCCART News*, is published three times per year and is distributed free to over 1,000 individuals and organisations. ANZCCART also publishes free *Fact Sheets* that are designed to assist researchers and teachers by providing concise and practical information on a wide variety of subjects. In addition, ANZCCART offers a growing collection of comprehensive and affordable texts that have particular relevance for teachers and researchers in Australia and New Zealand. Workshops and symposia on topical issues and designed to meet local needs are also held yearly in a variety of locations.

A major undertaking of ANZCCART is the Annual Conference, with the venue varying between Australia cities and New Zealand (every third year). The 2007 conference "Getting it Right" was held in Melbourne and attracted over 190 attendees from Australia, New Zealand and overseas.

A notable feature of ANZCCART conferences is the wide audience they attract. Conference delegates include: researchers, teachers and students whose work or study involves the use and supply of animals for scientific purposes; staff who maintain and supervise animal breeding and holding facilities; individuals with responsibility for making decisions concerning animal ethics and welfare, including members of Animal Ethics Committees; administrators and government officials involved in developing and enforcing animal welfare policy and legislation; members of the public with an interest in animal ethics and welfare, and representatives of animal welfare organisations.

This diverse meeting ground fosters open and respectful discussion between delegates who may hold differing viewpoints on a wide range of animal use-related subjects.

This dialogue:

- contributes to a stable research environment where these differing views and opinions are understood and respected;
- provides an excellent learning opportunity for delegates at both the lay and scientific level, and
- ensures the advice ANZCCART provides is based on wide consultation.

### **Liaison**

An important component of ANZCCART's role is to liaise with professional societies and institutions in Australia, New Zealand and overseas, and to represent Australia and New Zealand in discussions on the issues relating to the use and supply of animals in research and teaching.

### **Membership**

ANZCCART has several categories of membership:

Sponsoring Members are major financial contributors and are represented on the Board of Directors. Currently, these are: UA, ARC, CSIRO, NHMRC and RSNZ.

General Members are groups, associations or authorities, including Australian State, Territory and Commonwealth Government and New Zealand Government Departments, which are involved in the administration and funding; regulation; use and supply, and welfare of animals that are necessary for research and teaching purposes.

Lay and Animal Welfare Members are individuals that represent the interests of the community and animal welfare organisations.

General, Lay and Animal Welfare Members are invited by the Board to join ANZCCART. All members are represented on the ANZCCART Council.

### **How can ANZCCART help you?**

By providing your contact details to ANZCCART you will be placed on our notification list. Up-to-date information that fosters good practice and decision-making regarding the scientific use of animals will be distributed via this list. Electronic copies of the *ANZCCART NEWS*, Fact Sheets and other publications will be sent to you periodically. Useful information about forthcoming workshops and conferences is also circulated.

## APPENDIX 5 – Acronyms

AAHC	Australian Animal Health Council
AATA	Australian Animal Technicians' Association
AATSE	Australian Academy of Technological Sciences and Engineering
ACUC	Animal Care and Use Committee
AEC	Animal Ethics Committee
AEEC	Animal Experimentation Ethics Committee
AGCARM	Agricultural Chemical and Animal Remedies Manufacturers' Association of New Zealand
AHA	Animal Health Australia (formerly AAHC)
AMRIC	Animals in Medicines Research: Information Centre
ANZFAS	Australian and New Zealand Federation of Animal Societies
ANZSLAS	Australian and New Zealand Society for Laboratory Animal Science
ARC	Australian Research Council
ARMCANZ	Agricultural and Resource Management Council of Australia and New Zealand
AVA	Australian Veterinary Association
AVAWE	Australian Veterinary Association Welfare and Ethics special interest group
AVASE	Australian Veterinarians Associated with Scientific Establishments
AVCARE	Agricultural and Veterinary Chemicals Association
AVCC	Australian Vice-Chancellors' Committee
AVERT	Australian Veterinarians in Ethics, Research and Teaching
AWAC	Animal Welfare Advisory Committee
AWC	Animal Welfare Committee
BVA	British Veterinary Association
CAAT	Centre for Alternatives to Animal Testing (USA)
CABSAE	Committee of Biomedical Societies in Animal Experimentation
CCAC	Canadian Council on Animal Care
CSIRO	Commonwealth Scientific and Industrial Research Organisation
ECVAM	European Centre for Validation of Alternative Methods
FRAME	Fund for the Replacement of Animals in Medical Experimentation
IACUC	Institutional Animal Care and Use Committee
ICLAS	International Council for Laboratory Animal Science
MAF	Ministry of Agriculture and Forestry (New Zealand)
NAEAC	National Animal Ethics Advisory Committee
NCCAW	National Consultative Committee on Animal Welfare
NHMRC	National Health and Medical Research Council
NZVA	New Zealand Veterinary Association
PISC	Primary Industries Sub-Committee
RDS	Research Defence Society (UK)
RNZSPCA	Royal New Zealand Society for the Prevention of Cruelty to Animals
RSNZ	Royal Society of New Zealand
RSPCA	Royal Society for the Prevention of Cruelty to Animals
SCAW	Scientists' Centre for Animal Welfare (USA)
SSCAW	Senate Select Committee on Animal Welfare
UA	Universities Australia (formerly known as the Australian Vice – Chancellors Committee (AVCC))
UFAW	Universities Federation for Animal Welfare